

Together make one

2015



Product Catalogue



The key to success is improvement. Achieving constant improvement is all about getting people to cooperate in order to optimise working methods.



As a professional, you only want to work with the best products. If you also want these products to be affordable, then your options are Colad, Hamach, Ronin Tools and Tander. EMM continuously looks at these brands ranges with an eye to innovation so that you get the most out of your expertise. Only by listening carefully to what you want, we can introduce new working methods, applications and materials. Together we are stronger. Together we increase success. Together make one.





Work together
Improve together



Innovate together
Future together



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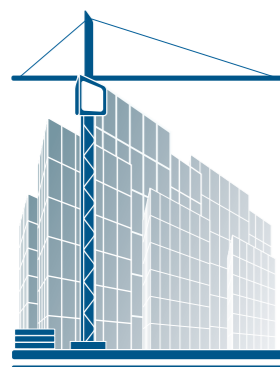
Together make one



Improve together

Never before has our world been changing as much as now: socially, culturally and economically. More than ever, there is a need for a clear and convincing focus. For that reason, EMM expressly undertakes initiatives that contribute to the future of the business chain. To that end, we gather knowledge, because improvement is something we can do together!

“OUR CENTRAL THEME IS THE DEVELOPMENT, MANUFACTURE AND DISTRIBUTION OF GOODS AND DISPOSABLES FOR ALL SECTORS THAT USE PAINTS ON A LARGE(R) SCALE”

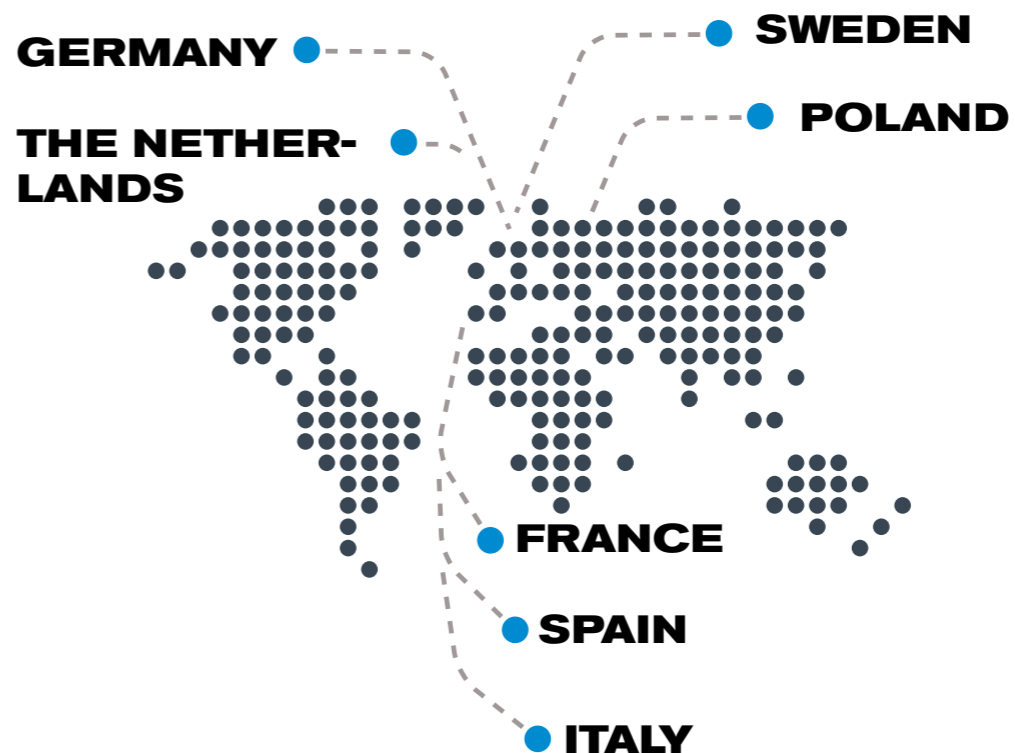


OUR FOUNDATION

- Support Business Chain
- Bring knowledge / solutions
- Marketing development
- Active coach
- Co-entrepreneurship
- Innovation

ESTABLISHMENTS

EMM is active throughout the world and has its main base in the Netherlands. It also has its own branches in:



ISO 9001:2008

To guarantee that you can always trust on our continuous quality, EMM is ISO certified. ISO 9001:2008 is an international quality standard that thrives on shortening lead times, high delivery reliability, and consistently high quality of services and products, benefiting our customers.



EXPORT
to more than
125
countries



>10.000 m²
WAREHOUSE SPACE

MARKETS

EMM distributes goods and disposables to all sectors that use paints on a large(r) scale.



AUTOMOTIVE



AVIATION



NAUTIC



INDUSTRY



SHARE KNOWLEDGE TOGETHER

EMM has introduced a new International Knowledge and Experience Centre in which all market & customer input and that of others in the sector are brought together.

Your questions, comments and insights will strengthen the collective. In the same way, the collective can strengthen your business. Together we know more. For knowledge sessions and strategic session we organize workshops in various ways. For example: about opportunities within other markets such as Industry, Marine and Aviation. Within the Center we also offer product training on new products, processes and systems.



↓
"You are never done learning. This is what I found out during the knowledge session..."

↓
"The detailed product training gave me new insights and improved my professional abilities!"



↓
"I have learned how Central Vacuum really works and how I can create savings in our process..."




↓
"The strategic session gave me the opportunity to compare my best practices with other professionals in the business..."

MEET OUR NEW INNOVATIONS

Innovate together

Today professionals, only want to work with the best products. EMM continuously looks at its brands ranges with an eye to innovation to get the most out of each other's expertise. This resulted in the introduction of various new products that complement the complete process and help you achieve the best results possible.



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Masking
Breathable Spraymask




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Sanding
HMV 6-L Mobile Vacuum



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Pump Spray System



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23 /50
Paint Preparation / Sanding
Easy2Check®



61
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66
Personal Protection
Premium Comfort Overall



73
Chemicals & Adhesives
Tander Kit



97
Hamach Central Vacuum
Black Box



LET'S PARTICIPATE!

EMM warmly invites you to participate in one or more workshops. If you want to participate in a session or receive more information please contact sales@emm.com and join us in developing and distribute new knowledge and insights.

The Paint Process

As committed coach EMM contributes directly to the success of dealers & end users. With our wide assortment of disposables and goods, we are able to support you during the complete paint and repair process. EMM continuously looks at these five steps with an eye to innovation so that you get the most out of your expertise.

STEP
#1
Masking

STEP
#2
Sanding

STEP
#3
Surface Preparation

STEP
#4
Paint Preparation

STEP
#5
Polishing



Work
together

Improve
together

STEP #1 Masking



Make your masking process efficient, fast and economical!

STEP #2 Sanding



Turn the roughest surfaces into the smoothest finish!

STEP #3 Surface Preparation



Guarantee perfect cleaning and avoid any contamination on the painted surface!

STEP #4 Paint Preparation



Eliminate the risk of any contamination and reduce costs!

STEP #5 Polishing



Puts the finishing touch to every painted surface!

Masking

Make your masking process efficient, fast and economical!

The masking systems developed by EMM meet all your demands making the masking process efficient, fast and economical. Plastic film, masking paper, high performance masking tapes, interior covers together with handy products such as dispensers, knives and other indispensable tools combine to increase productivity. Our product portfolio comprises a variety of items ranging from the very precise to the more general masking products.

A	Masking Paper	13
B	Spray Covers	15
C	Masking Film	16
D	Masking Tape	18



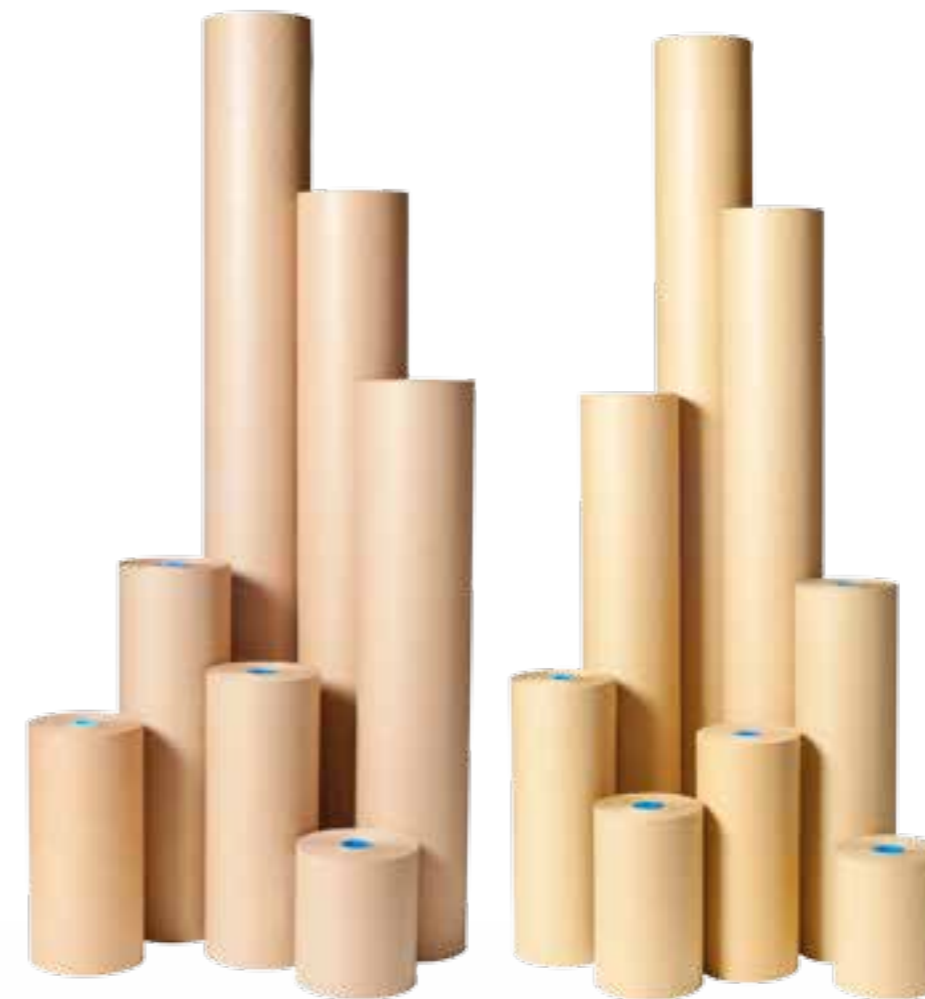
A Masking Paper

31% of the world is covered in woods, 1.6 billion people depend on this. Between 2000 and 2012, 229.8 million acres of these woods were destroyed. In the search of durable and environmental friendly solutions, EMM introduced recycled masking paper.

Specially selected recycled paper is the base of Colad recycled masking paper. The fibers are smaller and easier to produce. This reduces the use of energy and water. Colad recycled masking paper is produced in accordance with:



These masking papers are easy to tear in a straight line and have perfect barrier properties as well as the right absorption features so the paint sticks to the masking paper but does not bleed through under normal conditions.



Masking Paper 40g. Recycled paper

One 450 meters roll

- 210021 (21 cm)
- 210037 (37.5 cm)
- 210045 (45 cm)
- 210060 (60 cm)
- 210090 (90 cm)
- 2100120 (120 cm)
- 2100150 (150 cm)

Masking Paper 50g. Recycled paper

One 300 meters roll

- 206021 (21 cm)
- 206028 (28 cm)
- 206037 (37.5 cm)
- 206045 (45 cm)
- 206060 (60 cm)
- 206090 (90 cm)
- 2060120 (120 cm)
- 2060150 (150 cm)

A Masking Paper



↘ Guarantee Masking Paper 50g.

220030 (30 cm x 200 m)
220060 (60 cm x 200 m)

The guarantee masking paper is impregnated with a special coating to prevent the paint from bleeding through. Per roll.

A product from **Colad**
an emm product



All our aprontapers are designed to mask quick and easy. The dispensers apply the masking tape automatically with the paper. The mobile units are fitted with strong wheels which can be moved through the masking area, including grid floors.

↘ Aprontaper 1 roll

2040

For wall or table mounting: 1 roll capacity, maximum width 37.5 cm. Supplied in a box (not assembled).



A product from **Colad**
an emm product

↘ Aprontaper 1 or 2 rolls

2030

For wall or table mounting: 1 roll capacity, maximum width 120 cm. Supplied in a box (not assembled).

↘ Aprontaper 3 rolls

2010

Mobile, with capacity for 3 rolls: maximum width of 45, 70 and 100 cm. Supplied in a box (not assembled).

↘ Aprontaper 4 rolls

2020

Mobile, with capacity for 4 rolls: maximum width of 21, 45, 70 and 100 cm. Supplied in a box (not assembled).

↘ Aprontaper 5 rolls

000847

Mobile, with capacity for 5 rolls of different paper widths: maximum width of 120 cm. Trolley dimensions, 150 x 40 x 135 cm. Supplied in a box (not assembled).



A product from **Colad**
an emm product

A product from **Colad**
an emm product

A product from **Colad**
an emm product

A product from **HAMACH**
an emm product

B Spray Covers

Film4Crash

↘ Film4Crash

6870 (75 cm x 60 m)

Film4Crash is a tough, flexible, self-adhesive plastic film that covers openings caused by collision, vandalism or disassembly. This weather barrier film with Ultraviolet Inhibitors prevents damage caused by sunlight. It does not leave a residue after removal from the car body. Per roll.

↘ Prevents weather damage to the vehicle interior.

↘ UV resistant for 6 months.

↘ Self-adhesive, strong and flexible.

↘ Leaves no residue after removal.



↘ Plastic Wheel Covers

6100 (80 x 40 x 30 cm)

Plastic wheel covers made of 10 micron thick HDPE for the fast and efficient protection of tires and wheels against spray mist which adheres permanently to the film. One roll with 250 pieces in a box (tear perforated).



↘ Plastic Seat Cover

6110 (80 x 130 cm)

Provides protection to car seats during repairs. One roll with 100 pieces in a box (tear perforated).

All products from **Colad**
an emm product

C Masking Film



Make your process faster, more efficient and more economical!

- ↳ Quick and efficient masking
- ↳ A fitted film for every job
- ↳ Highest quality standards
- ↳ Create efficiency in process and costs



Masking benefits:

High static power	Paint adhesion	High tensile strength	Infrared drying max. 120 °C
Extra thick (17 micron)	Extra wide: 5m or 6m	Breathing capabilities	Moist absorbing



↳ Translucent Spraymask

6365 (4 x 300 m)

Translucent masking film with paint adhesion.

Used for:

↳ Sanding / Surface Preparation

↳ Painting

Per roll in a carton box.



↳ Breathable Spraymask

6375 (4 x 150 m)

Translucent blue masking film with paint adhesion, "breathing" capabilities and moist absorption. Ready to use on a humid object, prevents "Ghost stains".

Used for:

↳ Sanding / Surface Preparation

↳ Painting

Per roll in a carton box.



C Masking Film



↳ Masking Film

6340 (3.8 x 200 m)

6340300 (3.8 x 300 m)

Translucent green masking film without paint adhesion.

Used for:

↳ Sanding

↳ Light overspray

Per roll in a carton box.



↳ Heavy Duty Spraymask

6345 (4 x 150 m)

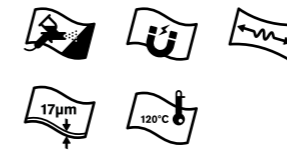
Extra thick, white masking film with paint adhesion.

Used for:

↳ Sanding / Surface Preparation

↳ Painting

Per roll in a carton box.



↳ Translucent Spray-mask (Extra Wide)

6660-5 (5 x 120 m)

6660 (6 x 100 m)

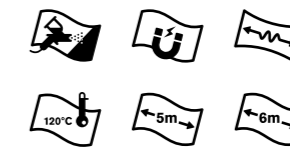
Used for:

↳ Sanding / Surface Preparation

↳ Painting

Suitable for masking sideways. Suitable for masking large vehicles like Vans, SUV's and Trucks.

Per roll in a carton box.



↳ Plastic film with tape

640001 (340 mm x 25 m)

640002 (600 mm x 25 m)

640003 (900 mm x 25 m)

640004 (1200 mm x 25 m)

640005 (1800 mm x 25 m)

20 rolls per carton

Masking film with paint adhesion and tape on one side. To mask various areas such as car windows, bonnets, one side of buses etc. Can be easily torn by hand (without a knife).

Has static properties to ensure the film 'clings' to the surface.



↳ Electrical Foil Cutter

2075

Electrical cutter for plastic foil and masking paper, supplied in a bag with belt strap for easy storage. The special design of this cutter guarantees that cutting is simple, safe and prevents damage to the vehicle. It ensures fast and effortless cutting of the masking foil. Requires 2 x AA batteries (not included).

P10058

Alkaline extra long life AA batteries for the electrical cutter. Per 4 pcs.

2076

Spare blades for the electrical cutter. Per 4 pcs.



↳ Magnetic Foil Cutter

2070

Very practical cutter for plastic foil and masking paper with magnet on back. The special design of this cutter guarantees that cutting is simple, safe and prevents damage to the vehicle. Per 10 pcs.



↳ Plastic Foil Dispenser

2050

For wall mounting: 1 roll capacity, maximum width 110 cm. Supplied in a carton box (not assembled).



↳ Mobile Foil Dispenser II

2062

Mobile foil dispenser is ideal for covering vehicles with plastic foil. So easy to use that one man can do the job. Simply take the dispenser to the object, stretch the foil over the vehicle and cut along the cutter guide with the foil cutter. Two rolls can be mounted in the dispenser saving space in the workshop (4 m and 6 m). Supplied in a box (not assembled).

D Masking Tape

Make your process faster, more efficient and more economical!

- ↘ High quality
- ↘ Sharp, clean edge
- ↘ Excellent adhesion
- ↘ Leave no residue



↘ Classic Masking Tape

907519 (48 rolls - 19 mm x 50 m)
907525 (36 rolls - 25 mm x 50 m)
907538 (24 rolls - 38 mm x 50 m)
907550 (24 rolls - 50 mm x 50 m)

The well-known and high quality tape to be used for masking during sanding or painting. Can also be used in the spray booth at higher temperatures without leaving residue. Sharp clean edge for perfect application.

Resistance Temperature	Time
100 degrees	10 minutes
80 degrees	30 minutes
60 degrees	60 minutes

↘ Premium Masking Tape

907019 (48 rolls - 19 mm x 50 m)
907025 (36 rolls - 25 mm x 50 m)
907038 (24 rolls - 38 mm x 50 m)
907050 (24 rolls - 50 mm x 50 m)

Masking tape with high temperature resistance to optimize the application of the product. Can be used for a variety of purposes and leaves no residue. Sharp clean edge for perfect application.

Resistance Temperature	Time
120 degrees	10 minutes
100 degrees	30 minutes
80 degrees	60 minutes



↘ Ultimate Masking Tape

902019 (48 rolls - 19 mm x 50m)
902025 (36 rolls - 25 mm x 50 m)
902038 (24 rolls - 38 mm x 50 m)
902050 (24 rolls - 50 mm x 50 m)

Masking tape with even higher temperature resistance than the Colad Classic and Premium Masking tapes. Up to 110 degrees for a maximum of 1 hour!

Highlights
↘ Up to 110 degrees for 1 hour!
↘ Leaves no residue
↘ Easy application
↘ Sharp and clean edges

↘ Aqua Dynamic Masking Tape

900419 (48 rolls - 19 mm x 50 m)
900425 (36 rolls - 25 mm x 50 m)
900438 (24 rolls - 38 mm x 50 m)
900450 (24 rolls - 50 mm x 50 m)

Suitable for water based paint systems and a resistance up to 130 degrees for 1 hour!

Highlights
↘ For water-based paint systems
↘ Up to 130 degrees for 1 hour!
↘ Green color
↘ Easy application
↘ Sharp and clean edges

D Masking Tape



↘ Green Fine Line Tape

903003 (3 mm x 55 m)
903006 (6 mm x 55 m)
903009 (9 mm x 55 m)
903012 (12 mm x 55 m)
903019 (19 mm x 55 m)

Green fine line tape, specially designed to mask objects if excellent color separation is required when spraying with multiple colors, printing or custom painting. It adheres to a wide variety of surfaces and can be used in combination with water-based paint systems. It can be removed easily without leaving any residue. 1 roll in a plastic bag.

↘ Foam Masking Tape

908013 (13 mm x 50 m)
908019 (19 mm x 35 m)

Foam Masking Tape is the product to use for masking gaps between bonnets, doors and car body parts. Per roll in a dispenser box.



Stegoband

Masking tape designed specifically for masking jobs in hard-to-reach places, ensuring you cover glued or rubber-mounted windscreens or gaps between car body parts. To make masking jobs easier, the adhesive is protected by a paper liner. Stegoband can be removed easily leaving no residue.

↘ Stegoband Classic

906011 (Type I - 25 mm x 10 m)
906012 (Type II - 18 mm x 10 m)
906013 (Type III - 9 mm x 10 m)

Per roll in a dispenser box, 24 rolls in a carton.



↘ Stegoband III perforated

906023 (Type perforated - 10/11 x 10 m)

This Stegoband is perforated every 4 cm so it is easy to tear off. It has a wide edge of 21 mm in total. It is also possible only to use the small edges of 11 or 10 mm. Stegoband can be removed easily leaving no residue. Per roll in a dispenser box, 24 rolls in a carton.

Sanding

Turn the roughest surfaces into the smoothest finish!

EMM sanding solutions turn the roughest surfaces into the smoothest finish! We offer a wide range of abrasive materials combined with machine tools and mobile dust extraction to guarantee you can get the most out of your expertise. This product line also comprises all the accessories you need to complete the perfect job, such as sanding guides, pads of varying densities and protection tape.

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new



Proper dust extraction contributes to a clean and healthy working environment. Therefore EMM developed the EMM Mobile Sanding System. An easy to use system that provides you the benefits of sanding and dust extraction at the same time. This guarantees the best end-results.



= Sanding System



➤ **Mobile Vacuum**
000769
HMV 6-L EA/PA Mobile Vacuum.
A product from **HAMACH**



➤ **Pneumatic Sanding Machine**
000314 - 000315
Alpha 3 or 5 Orbital one-hand sander.
A product from **HAMACH**



➤ **Titanium Tackup Pad**
010861
150 mm pad with 8 + 6 + 1 holes, fixed with 5/16 spindle, hard.
A product from **HAMACH**



➤ **Abrasives 150 mm**
36800###
Colad (8+6+1 holes) Velcro Discs.
A product from **Colad**



➤ **Double hose connector**
077682
For connecting the combihose to the HMV 6-L EA/PA Mobile Vacuum.
A product from **HAMACH**



➤ **Combihose**
009962Y
Combihose 4 m.
A product from **HAMACH**

A Sanding Material - Velcro Discs

For machine sanding during all stages of the repair process. Open-coated aluminium oxide abrasives especially prepared for strength and durability. Tackup backing (Velcro) to be used with 150 mm pads.



▶ Velcro Discs Premium (8 + 6 + 1 holes) 150 mm

50 discs per box (P40 - P60); 100 discs per box (all others)

36800040 (P40)	3680022010 (P220)	3680060010 (P600)
36800060 (P60)	3680024010 (P240)	3680080010 (P800)
3680008010 (P80)	3680028010 (P280)	3680100010 (P1000)
3680010010 (P100)	3680032010 (P320)	3680150010 (P1500)
3680012010 (P120)	3680036010 (P360)	
3680015010 (P150)	3680040010 (P400)	
3680018010 (P180)	3680050010 (P500)	



▶ Velcro Discs Premium (6 + 1 holes) 150 mm

50 discs per box (P40 - P60 / P1000 - P1500); 100 discs per box (all others)

3650004010 (P40)	3650018010 (P180)	3650040010 (P400)
3650006010 (P60)	3650022010 (P220)	3650050010 (P500)
3650008010 (P80)	3650024010 (P240)	3650080010 (P800)
3650010010 (P100)	3650028010 (P280)	3650100010 (P1000)
3650012010 (P120)	3650032010 (P320)	3650150010 (P1500)
3650015010 (P150)	3650036010 (P360)	



▶ Velcro Discs Basic (8 + 6 + 1 holes) 150 mm

50 discs per box (P40 - P60); 100 discs per box (all others)

36300040 (P40)	3630018010 (P180)	3630040010 (P400)
36300060 (P60)	3630022010 (P220)	3630050010 (P500)
3630008010 (P80)	3630024010 (P240)	3630060010 (P600)
3630010010 (P100)	3630028010 (P280)	3630080010 (P800)
3630012010 (P120)	3630032010 (P320)	
3630015010 (P150)	3630036010 (P360)	



▶ Velcro Discs (3 holes) 76 mm

For machine sanding during all stages of the repair process when sanding small areas. Open-coated aluminium oxide abrasive especially prepared for strength and durability. Tackup backing (Velcro) to be used with 76 mm pads. Box of 50 discs P80 / 100 discs P180 - P500.

875080 (P80)
875180 (P180)
875280 (P280)
875360 (P360)
875500 (P500)



▶ Velcro Discs (8 holes) 200 mm

For machine sanding during all stages of the repair process, special size for fast sanding of large surfaces. Open-coated aluminium oxide abrasive especially prepared for strength and durability. Tackup backing (Velcro) to be used with 200 mm pads. 50 discs per box.

36750080 (P80)
36750120 (P120)
36750150 (P150)

A Sanding Material - Accessories

Easy2Check®

new

▶ Easy2Check®

9300

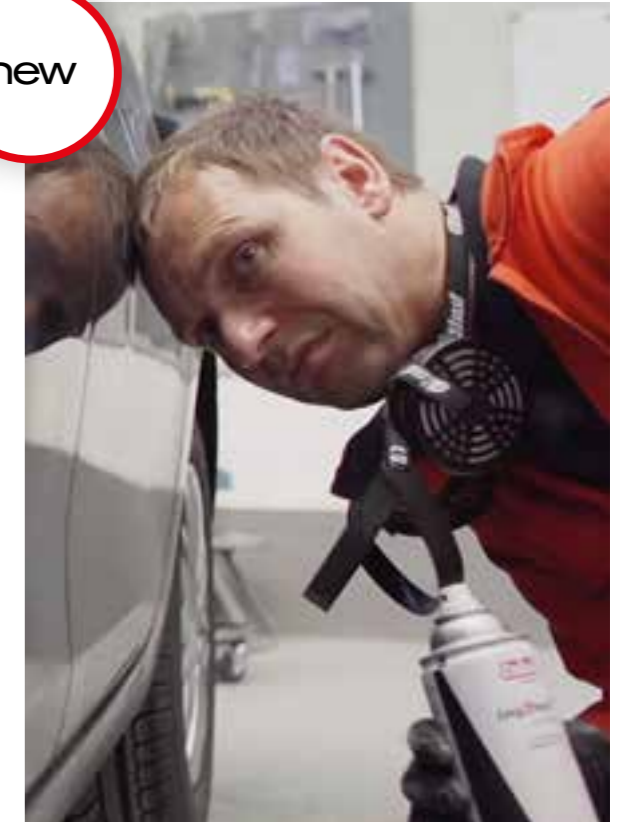
The quickest and easiest check during sanding and paint preparation!

The most efficient and effective product to check for any irregularities while sanding panels. The 'glossy finish' helps detecting any defects or colour deviations.

Spray the panel after the sanding process to check repaired surfaces on irregularities. Can also be used for spray sample checks! See page 50.



- ▶ Easy to use
- ▶ Fast
- ▶ Safe
- ▶ Cost effective



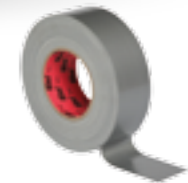
▶ Control Spray Black 8030

Sanding guide to be used on putties or primer surfaces before sanding. This spray helps to achieve a perfectly sanded surface without damaging adjacent zones. Can also be used as black matte if applied in several coats (2 - 3). 500 ml per spray.



▶ Control Powder 8035

Sanding guide to be used as a sanding control coat on fillers. This product is very economical in use and can be widely applied. Per box of 100 g and applicator in each box.



▶ Surface Protection Tape 905050 (50 mm x 50 m)

For protection during sanding, grinding and light blasting jobs. Perfectly suited for the temporary wedging of glued windscreens. 1 roll in a plastic bag. 18 rolls per box.

A Sanding Material - Spot Blaster



▶ AirTec Spot Blaster 3060

Pneumatic Spot Blaster. Removes rust, old paint layers, dust, etc. from steel. Suitable for concrete blasting due to enclosed spot nozzle. The unique Venturi system allows the used blasting material to be recycled through the filter bag. Best results when used with Air Tec blasting material 3010. Per piece (incl. one spot nozzle)



▶ Nozzle Set 3070

Nozzle set for various applications, for the Air Tec Spot Blaster 3060. Per set of 4 pieces.

▶ Spot Nozzle 3080

Suitable for concrete blasting, for the Air Tec Spot Blaster. Per piece.



▶ AirTec Blasting Material 3010

Removes rust, old paint layers, dust, etc. from steel. Suitable for concrete blasting. Special features: chemically neutral, non-magnetic, non-conductive, non-hygroscopic and non-flammable, re-usable. Best results when used with Airtec Spot Blaster 3060. 25 kg buckets.

A Sanding Material - Sheets

Waterproof Sheets 230 x 280 mm



For wet hand sanding of all paints. Specially prepared latex waterproof paper for surface treatment of small paint defects. 50 sheets per sleeve.

35000080 (P80)	35000240 (P240)	35000600 (P600)	35002000 (P2000)
35000120 (P120)	35000280 (P280)	35000800 (P800)	35003000 (P3000)
35000150 (P150)	35000320 (P320)	35001000 (P1000)	
35000180 (P180)	35000400 (P400)	35001200 (P1200)	
35000220 (P220)	35000500 (P500)	35001500 (P1500)	



Dry Sheets 230 x 280 mm

Abrasive sheets for dry hand sanding during various stages of the repair process. Open-coated aluminium oxide abrasive specially prepared for strength and durability. 50 sheets per sleeve.

35500080 (P80)	35500280 (P280)
35500120 (P120)	35500320 (P320)
35500150 (P150)	35500400 (P400)
35500180 (P180)	35500500 (P500)
35500240 (P240)	

Tackup (Velcro) Delta Sheet with 7 Holes

Sanding sheets to use for dry sanding with Hamach Delta sanding tools. Box of 50 sheets.

858060 (P60)	858220 (P220)
858080 (P80)	858240 (P240)
858100 (P100)	858280 (P280)
858120 (P120)	858320 (P320)
858150 (P150)	858360 (P360)
858180 (P180)	

Tackup (Velcro) Mini-Sheets 81 x 153 mm with 8 Holes

Sanding sheets to use for dry sanding with Hamach dust extraction sanding tools. Box of 50 sheets.

856080 (P80)	856220 (P220)
856100 (P100)	856240 (P240)
856120 (P120)	856280 (P280)
856150 (P150)	856320 (P320)
856180 (P180)	856360 (P360)



Tackup (Velcro) Sheets 115 x 230 mm with 10 Holes

Sanding sheets to use for dry sanding with Hamach dust extraction sanding tools. Box of 50 sheets.

836060 (P60)	836180 (P180)	836320 (P320)
836080 (P80)	836220 (P220)	836360 (P360)
836120 (P120)	836240 (P240)	
836150 (P150)	836280 (P280)	

Tackup (velcro) Sheets 70 x 419 mm with 14 Holes

Sanding sheets to use for dry sanding with Hamach dust extraction sanding tools. Box of 50 sheets.



832060 (P60)	832220 (P220)
832080 (P80)	832240 (P240)
832120 (P120)	832280 (P280)
832150 (P150)	832320 (P320)
832180 (P180)	

A Sanding Material - Rolls



Sanding paper for dry hand sanding or sanding machine. 1 roll of 23 m.

Rolls 70 x 23 m

118040 (P40)
118060 (P60)
118080 (P80)
118100 (P100)
118120 (P120)
118150 (P150)
118180 (P180)
118220 (P220)

Rolls 95 x 23 m

119040 (P40)
119060 (P60)
119080 (P80)
119100 (P100)
119120 (P120)
119150 (P150)
119180 (P180)
119220 (P220)

Rolls 115 x 23 m

120040 (P40)
120060 (P60)
120080 (P80)
120100 (P100)
120120 (P120)
120150 (P150)
120180 (P180)
120220 (P220)

A Sanding Material - Rolls



Soft Flex Rolls 115 mm x 25 m
Sanding paper on foam backing. Specially for sanding intricate parts. Can be used wet or dry. Roll of 25 m long with perforated pieces 125 x 115 mm in a dispenser box.

38950180 (P180)
38950240 (P240)
38950320 (P320)
38950400 (P400)
38950500 (P500)
38950600 (P600)
38950800 (P800)

A Sanding Material



Foam Sanding Pads

Highly flexible sanding pads for hand sanding. Can be used for wet or dry sanding to sand parts that machines cannot reach. Long-lasting product. Size: 115 x 140 mm (4.5 x 5.5 inches). Box of 20 pads.

38700100 (Medium)
38700180 (Fine)
38700220 (Super Fine)
38700280 (Micro Fine)

Prepping Paste

3800

Prepping paste is used to simultaneously degrease, clean and sand the surface before painting. Recommended for application with Colad Scuff Pad S Ultra Fine Grey (Art. N° 38001500). This water based product is absolutely silicone free and does not harm the environment. 600 ml in a bottle.



Viscose Sponges

9150

Viscose Sponges for washing or adding water during any sanding process. 10 pieces in a plastic bag, dimensions 135 x 90 x 34 mm.

A Sanding Material - Scuff

Non-woven material can be used for both wet and dry hand scuffing as well as with a sanding machine. Type A Very Fine (red) is particularly appropriate for the roughening of unpainted plastics, plywood and aluminium. Type S Ultra Fine (grey) is particularly effective for the roughening between coats when using 2-component paints and primers. Type A Micro Fine (gold) is ideal for attaining the perfect finish. The material is flexible and follows the shape of the working surface.



Scuff Pads 150 x 230 mm

38000800 (Red A Very Fine)
38001500 (Grey S Ultra Fine)

20 pads in a box



Scuff Discs 150 mm

38500800 (Red A Very Fine)
38501500 (Grey S Ultra Fine)

10 discs shrink wrapped



Scuff Rolls 115 x 10 m

38200800 (Red A Very Fine)
38201500 (Grey S Ultra Fine)
38202000 (Gold A Micro Fine)

1 roll shrink wrapped

All products from **Colad**

A Sanding Material - Pads



Tackup (Velcro)

010018

Pad with 6 + 1 holes, fixed with 5/16 spindle, hard (150 mm). Per piece.



Tackup (Velcro)

009997

Pad with 6 holes, fixed with 6 screws, hard (150 mm). Per piece.



Tackup (Velcro)

010056

Pad with 3 holes, fixed with 5/16 spindle, hard (76 mm). Per piece.



Interface Tackup

010058

Interface pad with 3 holes, soft (76 mm). Per piece.

A Sanding Material - Pads



Tackup (Velcro)

010027

Pad with 8 holes, fixed with 6 screws, hard (200 mm). Per piece.



Tackup (Velcro)

010014

Pad with 8 holes, fixed with 8 screws, hard (200 mm). Per piece.



Titanium Tackup (Velcro)

010861

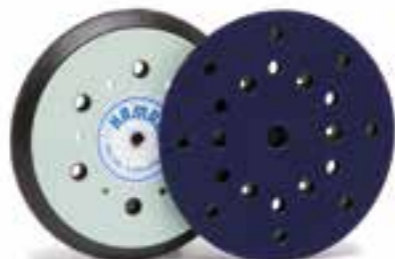
Pad with 8 + 6 + 1 holes, fixed with 5/16 spindle, hard (150 mm). Per piece.



Interface Tackup

010047

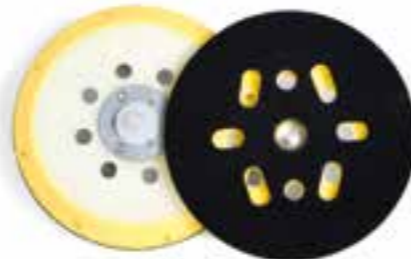
Interface pad with 8 + 6 + 1 holes, soft (150 mm). Per piece.



Tackup (Velcro)

010860

Pad with 8 + 6 + 1 holes, fixed with 6 screws, hard (150 mm). Per piece.



Tackup (Velcro)

010033

Pad with 6 + 1 holes, fixed with 5/16 spindle, medium (150 mm). Per piece.

All products from **HAMACH**

A Sanding Material - Hand Sanders



HP 150

010098

Soft hand pad width 150 mm, flexible pad with hand tie. Suitable for hand sanding round surfaces and seams by hand. Per piece.



AF 16 ST

016387

Flat sanding board 70 x 400 mm with a wooden handle, rubber backing and a dust extraction connection. One clip so only for adhesive sheets. Per piece.



C 11

016395

Sanding board 115 x 280 mm curved. Sanding board with a wooden handle and rubber backing. Abrasive is secured with a clip. Per piece.



S 11

016396

Sanding board 115 x 280 mm curved. Sanding board with a wooden handle and rubber backing. Abrasive is secured with a clip. Per piece.



PF 16 S

016398

Flat sanding board 70 x 400 mm. Sanding board with a plastic handle and rubber backing. Abrasive is secured with a clip. Per piece.

All products from **HAMACH**

A Sanding Material - Hand Sanders



Hand Sanders

5140 (70 x 400 mm)
5150 (70 x 235 mm)
5160 (70 x 160 mm)
Sanding boards with a wooden handle, rubber backing and sanding foot made of aluminium and vinyl. Abrasive is secured with a clip. Per piece.



Kaupp Hand Sander

5170 (Red 105 x 210 mm)
Body refinishing sanding block. Specially made to avoid deep scratches. Helps to attain high quality finish. Per piece.



Sanding Cork

5200
Block made of cork for wet or dry sanding. Three layers of natural cork, sealed together. On one side the edges are sharp for precise application and on the other side the edges are shaped for optimal grip. Size: approx. 25 x 60 x 105 mm. Per piece.

All products from **Colad**



Mini Sanding Block

010084 (Ø 30mm)
Small sanding blocks with Tackup and self-adhesive face for micro sanding. Perfectly suited to be used with Ø 30 mm sanding discs to remove dust particles or small irregularities from the paint surface. Per piece.

A product from **HAMACH**



HSB 85

010085
Hand sanding block 80 x 153 mm. Plastic hand sanding block with Tackup (Velcro) backing and dust extraction. Suitable for exhaust connection: 010088 Thin dust extraction hose 4 m, Ø 21 mm. Per piece.



HSB 86

010086
Hand sanding block - 115 x 210 mm. Plastic hand sanding block with Tackup (Velcro) backing and dust extraction. Suitable for exhaust connection: 010088 Thin dust extraction hose 4 m, Ø 21 mm. Per piece.



HSB 87

010087
Hand sanding block - 70 x 400 mm. Plastic hand sanding block with Tackup (Velcro) backing and dust extraction. Suitable for exhaust connection: 010088 Thin dust extraction hose 4 m, Ø 21 mm. Per piece.



Hose

010088
Thin dust extraction hose 4 m, Ø 21 mm. Per piece.

All products from **HAMACH**



HM 150

010094
Sanding Mouse - 150 mm. Lightweight construction made of tough plastic. Developed for Ø 150 mm Tackup (Velcro) discs. Per piece.



HM Delta

010095
Hand sanding mouse - Delta. Lightweight construction made of tough plastic. Developed for the Delta Suitable abrasive paper Tackup (Velcro) sheets. Per piece.



SP 150 ST

010096
Hand sanding block - Ø 150 mm. Lightweight construction made of tough plastic. Developed for Ø 150 mm abrasive paper Tackup (Velcro) discs. With dust extraction connection. Per piece.

All products from **HAMACH**

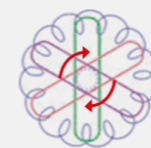
B Machines - Pneumatic Machines

The Alpha Series

The Alpha series, are powerful random orbital sanders, very strong for intensive and demanding jobs. It's a low rpm, high torque air motor, that generates always the required power in each rpm range. The Alpha machines have low air consumption (ca. 280 l/m 6,3 bar,) very low vibrations and noise level, being able to perform sanding jobs comfortably for hours. The machine has a specially developed air shaft that, in combination with the Hamach 150 mm cyclone pad, provides optimum dust extraction. This improves quality of work.



new



Sanding pattern

Technical data:

Air pressure: 6 - 8 bar
Air consumption: ca. 280 l/min
Speed: 6.500 RPM (6.3 bar)
Weight: 800 gr.
Sanding pad: 150 mm



Alpha 3

000315 Sanding diameter 3 mm

Random orbital sander with a sanding pattern of 3 mm, to achieve the best finishing.

010861 Standard: Tackup (Velcro) Ø 150 mm pad with 8 + 6 + 1 holes
009942 Standard: Machine oil
3680##### Optional: Velcro Discs (8 + 6 + 1 holes) 150 mm



Alpha 5

000314 Sanding diameter 5 mm

Random orbital sander with a sanding pattern of 5 mm, to achieve the highest sanding capacity.

010861 Standard: Tackup (Velcro) Ø 150 mm pad with 8 + 6 + 1 holes
009942 Standard: Machine oil
3680##### Optional: Velcro Discs (8 + 6 + 1 holes) 150 mm



bit.ly/1A05SKi
Watch video!

All products from **HAMACH**

B Machines - Pneumatic Machines



HD 98 One-Hand Orbital Sander 5 mm - 150 mm pad

000214

Designed for sanding fine grits, paint, wood, mastic and primers. With vacuum connection for dust extraction.

010861 Standard: Tackup (Velcro) Ø 150 mm pad with 8 + 6 + 1 holes

009942 Standard: Machine oil

010033 Option: Tackup (Velcro) Ø 150 mm pad with 7 holes.

HD 983 One-Hand Orbital Sander 2.4 mm - 150 mm pad

000215

Designed for sanding in fine grits, primer and spot repair. Optimum results achieved because of an extremely fine and even sanding pattern. With vacuum connection for dust extraction.

010861 Standard: Tackup (Velcro) Ø 150 mm pad with 8 + 6 + 1 holes

009942 Standard: Machine oil

010033 Option: Tackup (Velcro) Ø 150 mm pad with 7 holes

HD 75 Spot Repair Sander and Polisher 2.4 mm - 76 mm pad

000217

A small and lightweight machine for sanding and polishing spot repairs. With dust extraction connection and low air consumption of 300 l / min

010056 Standard: Support pad Ø 75 mm with 3 holes

010057 Option: Foam pad Ø 75 mm

010058 Option: Tackup (Velcro), Ø 75 mm interface pad, 3 holes

007807 Option: Mini polishing sheepskin Ø 76 mm

009942 Standard: Machine oil



PHP 165 VD Planetary Pneumatic Sander - 150 mm

000240

Specially designed for the preparation process because of its very high sanding capacity. Equipped with a useful digital air pressure read-out.

010860 Standard: Tackup (Velcro) pad Ø 150 mm with 8 + 6 + 1 holes

009942 Standard: Machine oil

009997 Option: Tackup (Velcro) pad Ø 150 mm with 6 holes.

PHP 300 VD Planetary Pneumatic Sander - 200 mm

000241

Specially designed for the preparation process because of its very high sanding capacity. The Ø 200 mm pad is designed for big surfaces. Equipped with a useful digital air pressure read-out.

010027 Standard: Tackup (Velcro) pad Ø 200 mm with 8 holes

009942 Standard: Machine oil

36750### Option: Colad Velcro discs (8 holes) 200 mm (8")

EHP 300 V Random Orbital Pneumatic Sander 5 mm - 200 mm pad

000249

Perfect tool for the final sanding process of large surfaces. Optimal sanding marks through the 5 mm sanding diameter. Equipped with a useful digital air pressure read-out.

010027 Standard: Tackup (Velcro) pad Ø 200 mm with 8 holes.

009942 Standard: Machine oil

36750### Option: Colad Velcro discs (8 holes) 200 mm (8")

B Machines - Pneumatic Machines



EHP 163 V Random Orbital Pneumatic Sander 3 mm - 150 mm pad

000247

Perfect tool for the final sanding process. Optimal sanding marks with 3 mm diameter. Equipped with a useful digital air pressure read-out.

EHP 165 V Random Orbital Pneumatic Sander 5 mm - 150 mm pad

000248

Perfect tool for all sanding processes. Optimal performance with 5 mm sanding diameter. Equipped with a useful digital air pressure read-out.

010861 Standard: Tackup (Velcro) Ø 150 mm pad with 8 + 6 + 1 holes

009942 Standard: Machine oil

010033 Option: Tackup (Velcro) Ø 150 mm pad with 7 holes.



HAM 4300

000225

Drilling, grinding and polishing machine. Equipped with a quick release chuck. Drill bits are not included. The Ham 4300 comes in a blow moulded case with a bottle of machine oil as standard.

009942 Standard Machine Oil



DS 30 Random Orbital Micro Sander 2.5 - 30 mm pad

000220

Pneumatic random orbital sander for the elimination of paint defects in the top coat. Air consumption - 200 l/min.

022001 Standard: Tackup (Velcro) sanding shoe Ø 30 mm + holder + pad

022003 Standard: Tackup (Velcro) sanding shoe 60 x 17 mm

022008 Option: Tackup (Velcro) mini sanding pad Ø 30 mm

022009 Option: Adhesive mini sanding pad Ø 30 mm

009942 Standard: Machine oil

4028## Option: Tackup (Velcro) micro-polishing discs

4038## Option: Self-adhesive micro-polishing discs



DS 40 Random Orbital Micro Sander 3.0 - 30 mm pad

000223

Pneumatic mini random orbital sander for efficient elimination of paint defects. Fast sanding.

022301 Standard: Tackup (Velcro) mini pad Ø 30 mm

022302 Option: Adhesive mini pad Ø 30 mm

009942 Standard: Machine oil

4028## Option: Tackup (Velcro) micro-polishing discs

4038## Option: Adhesive micro-polishing discs



DS 70 Rotating Polishing Machine - 70 mm pad

000224

Compact Ø 70 mm pneumatic rotating polishing machine for efficient polishing of paint defects. Low air consumption of 360 l/min. Supplied in a carrying case with:

022401 Standard: Tackup (Velcro) support pad Ø 70 mm.

010057 Standard: Foam pad Ø 75 mm

009942 Standard: Machine oil

007807 Option: Mini polishing sheepskin Ø 76 mm

B Machines - Electric Machines



↘ VH 914 V Mini Orbital Sander 2 mm - 200W

000094X

The Delta Sander has a modern design and perfect ergonomics. The powerful and lightweight motor makes this machine ideal for the decorative painter. Suitable for panels and profiled surfaces.

009217 Standard: Tackup (Velcro) Delta backing plate 98 x 144 mm

858### Option: Hamach Dynamic Tackup (Velcro) Delta sheet with 7 holes



↘ VH 77 V Orbital Sander 5 mm - 350W - Velcro backing plate

000014X

Perfectly suited for multiple flat sanding tasks. Supplied with a dust extraction connection.

001438 Standard: Tackup (Velcro) backing plate 115 x 208 mm with holes
836### Option: Hamach Dynamic Tackup (Velcro) Sheets 115 x 230 mm with 10 holes
001403 Option: Adhesive rubber backing plate 115 x 208 mm with holes
001439 Option: Hook It II backing plate 115 x 208 mm with holes
640### Option: Hamach Dynamic Sheets 115 x 280 mm with 10 holes

↘ VH 77 V Orbital Sander 5 mm - 350W - Rubber backing plate

000014Y

Perfectly suited for multiple flat sanding tasks. Supplied with a dust extraction connection.

001403 Standard: Adhesive rubber backing plate 115 x 208 mm with holes
836### Option: Hamach Dynamic Tackup (Velcro) Sheets 115 x 230 mm with 10 holes
001438 Option: Tackup (Velcro) backing plate 115 x 208 mm with holes
001439 Option: Hook It II backing plate 115 x 208 mm with holes
640### Option: Hamach Dynamic Sheets 115 x 280 mm with 10 holes

C Mobile Vacuum Cleaners

↘ HMV 3 EA

000791

Vacuum Cleaner 1200 W - 55 l/sec. Suitable for all light tools. Electric automatic switch (EA). Equipped with 12 l container.

009965 Standard: Hose 4 meters

079101 Paper dust bag (1 piece)



C Mobile Vacuum Cleaners

Hamach HMV 6-L Mobile Vacuum

New from Hamach is the HMV 6-L, a compact and powerful mobile vacuum cleaners line suitable for dry and liquid suctioning. These units have a 1400 watt powerful engine. You can manually adapt the suction power to the ideal settings for your job.

The HMV 6-L units are supplied with an intelligent start system, an automatic filter cleaning system and are L-certified which means that they have a filtration rate of > 99.9%.



new

Performance:

Pressure 248 mbar
Airflow 60 L/Sec.
Noise level: 69 dB (A)

Capacity:

Gross 25 l
Dust 20 l
Liquid 15 l



↘ HMV 6-L EA

000768

Vacuum Cleaner 1400 W - 60 L/sec. Underpressure 248 mbar. Noise level 69 dB (A). Electric Automatic switch (EA). Automatic start system, automatic filter cleaning. Suitable for vacuuming fluids.

009965 Standard: Hose 4 meters

077682 Standard: Double hose connector

076802 Standard: Dust bag (1 piece)

Optional

076801 Filter set 2 pcs

076802 Dust bags 5 pcs



↘ HMV 6-L EA/PA

000769

Vacuum Cleaner 1400 W - 60 L/sec. Underpressure 248 mbar. Noise level 69 dB (A). Electric Automatic switch (EA) + Pneumatic Automatic switch (PA). Automatic start system, automatic filter cleaning. Suitable for vacuuming fluids.

009962Y Standard: Combihose 4 meters

077682 Standard: Double hose connector

076802 Standard: Dust bag (1 piece)

Optional

076801 Filter set 2 pcs

076802 Dust bags 5 pcs

D Vacuum Hoses



↘ Vacuum Hose with Air Hose and Couplings

009968 (4 m)
009969 (8 m)



↘ Vacuum Hose Ø 29 mm

009965 (4 m)
009966 (8 m)
009967 (15 m)



↘ Vacuum Hose with Air Hose (no couplings)

009962 (4 m) 009975 (10 m)
009956 (6 m) 009977 (15 m)
009963 (8 m)



↘ Vacuum Hose Ø 29 mm Anti Static

009958 (4 m)
009959 (8 m)



↘ Vacuum Hose Anti Static with Air Hose (no couplings)

009958-1 (4 m)
009959-1 (8 m)



↘ Vacuum Hose for Glass

079780 (2.5 m)

All vacuum hoses are supplied per piece.

E Vacuum Accessories

Dust bags supplied per 5 pieces. Adaptors and accessories per piece.



↘ 079779



↘ 079785



↘ 079786



↘ 079787



↘ 079701 Paper Dust Bag HMV 7
079101 Paper Dust Bag HMV 3
079290 Fleece Dust Bag HMV 5
075790 Fleece Dust Bag HMV 2500
076802 Fleece Dust Bag HMV 6-L



↘ 077584



↘ 077779



↘ 077785



↘ 077786



↘ 077582



↘ 079783



↘ 077583



↘ 079784



↘ 079781



↘ 004995
For combihose.



↘ 004994
Adapter for hose connection vacuum cleaner, 31 mm.



↘ 004993
Adapter for hose connection sander, 29 mm.



↘ 077683



↘ 075782
for HMV 2500.



↘ 079182
for HMV 3/5/7.



↘ 077682
for HMV 6-L EA / EA-PA.



Surface Preparation

Guarantee perfect cleaning and avoid any contamination on the painted surface!

Every surface needs to be prepared before it is painted. The preparation process requires perfect cleaning to avoid any contamination on the painted surface.

All our products guarantee the best result. Proper preparation with EMM keeps the whole process spotless for an immaculate finish.

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#3

A Colad Pump Spray System

Colad Pump Spray

With unique color coding system!

The Colad Pump Spray uses a unique Coding System to distinguish the different types of liquid content. Each Colad Pump Spray comes with a set of 5 Coding Rings including 2 large Color Coding Charts for on the wall within your workplace. The Colad pump spray is equipped with VITON O-rings to resist both water and/or solvent based degreasers and the spray mist is adjustable to fit your job perfectly. After cleaning the surface use the Colad Degreasing wipes, Article B12686589, to degrease the surface.

new



Colad Pump Spray 1000 ml capacity

9705

Including set of 5 coding rings + 2 Color Identification Charts.



= Pump Spray System

- Easy distinction and identification of fluids.
- Helps maintain a clean and ordered workplace.
- Complies with ISO certification where applicable.
- Patented and innovative system.



Pump Spray Coding Rings®

9705CR

Set of 5 coding rings including 2 Color Identification Charts. Easy to apply on your pump spray bottle. Helps you to identify the content quickly.



Non-woven Degreasing Wipes

B12686589

Non-woven degreasing wipes, easy to use in combination with the Colad pump spray system. Main features: strong material, a minimum of loose fibres and super absorbent. Ideal for use with water and/or solvent based degreasers. No traces at all are left behind on the cleaned surface. Allowing to carry out the job efficiently without using paper. 200 pieces in a box. Dimensions 32.5 x 42 cm, folded in four.

B Cloths




Non-woven Tack Rags

9180 (32 x 45 cm)
9181 (32 x 60 cm)

Non-woven tack rags, impregnated to remove contamination on surfaces before spraying. Maximum dust removal due to large non-woven surface. Lint free. Specially designed for use with water and/or solvent based paint systems.

9180: Per box of 10 wipes in individual bags.
9181: 1 wipe in individual bag.


A product from 



Tack-Rag Waffled

9175

Tack Rag designed to eliminate dust on any surface. The specially waffled format combined with adhesive power increases the capacity for attracting dust. Specially recommended for big jobs. Per piece in a bag, dimensions of 90 x 95 cm.

A product from 



Tack Rags

9165 (82 x 45 cm)

Tack rags designed to eliminate dust on any surface. Made of synthetic fibre, impregnated to remove contamination from surfaces before spraying. Anti static. Per box of 10 wipes in individual bags.


A product from 



Tack Cloth

000805

Non-woven tack rags, impregnated, to remove contamination on surfaces before spraying. Maximum dust removal due to large non-woven surface. Lint free. Specially designed for use with water and/or solvent based paint systems. Dimensions 61 x 37 cm. Set of 10 pieces in a bag.

A product from 




C Spreaders

Plastic Spreaders

9105, 9106 (Flexible Red)
9107, 9108 (Super Flexible Black)

These spreaders are specially designed for the application of putties. Use the flexible spreader for use on flat surfaces. Use the super flexible spreader for use on curved ones. Made of plastic to avoid scratch in the surfaces, with flattened spread-edge, including grip. Both available in the same size: 120 x 90 mm. 9105 and 9107 available per display with 25 sets of 5 pieces. 9106 and 9108 available per box (of 100 pieces).



A product from 

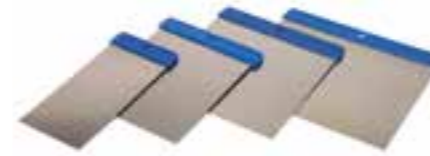


A product from 

Rubber Squeegees

9130

Rubber Squeegees specially designed for application of putties to achieve a very smooth finish. Per piece.



A product from 

Japanese Putty Knives

9100

Japanese knives for spreading putty. Made of first class quality steel; very flexible, with grip. Per set of 4 pcs in different sizes.



Mixing Board

000846

Mixing board specially developed for preparing filler. Compact, handy and clean. Use new paper for every job. Per piece.

A product from 

D Miscellaneous



Plunger Can

5460 (2.0 liters - 0.5 gallon)
5465 (4.0 liters - 1.0 gallon)

Metallic plunger can for economical use of solvent (excess solvent will drain back) and less evaporation. OSHA approval.



Plunger Can

5466 (2.0 liters - 0.5 gallon)
5467 (4.0 liters - 1.0 gallon)

Plastic plunger can for economical use of solvent (excess solvent will drain back) and less evaporation, especially for working with corroding solvents applied in water based paint systems.



Scrapers

9190

Scrapers specially designed for the body shops, to remove the coat on car windows if these have been sprayed accidentally. Will not cause scratches. Per piece with 5 spare blades.



Spare Blades for Scraper

9200
(20 pieces in a bag)

All products from 

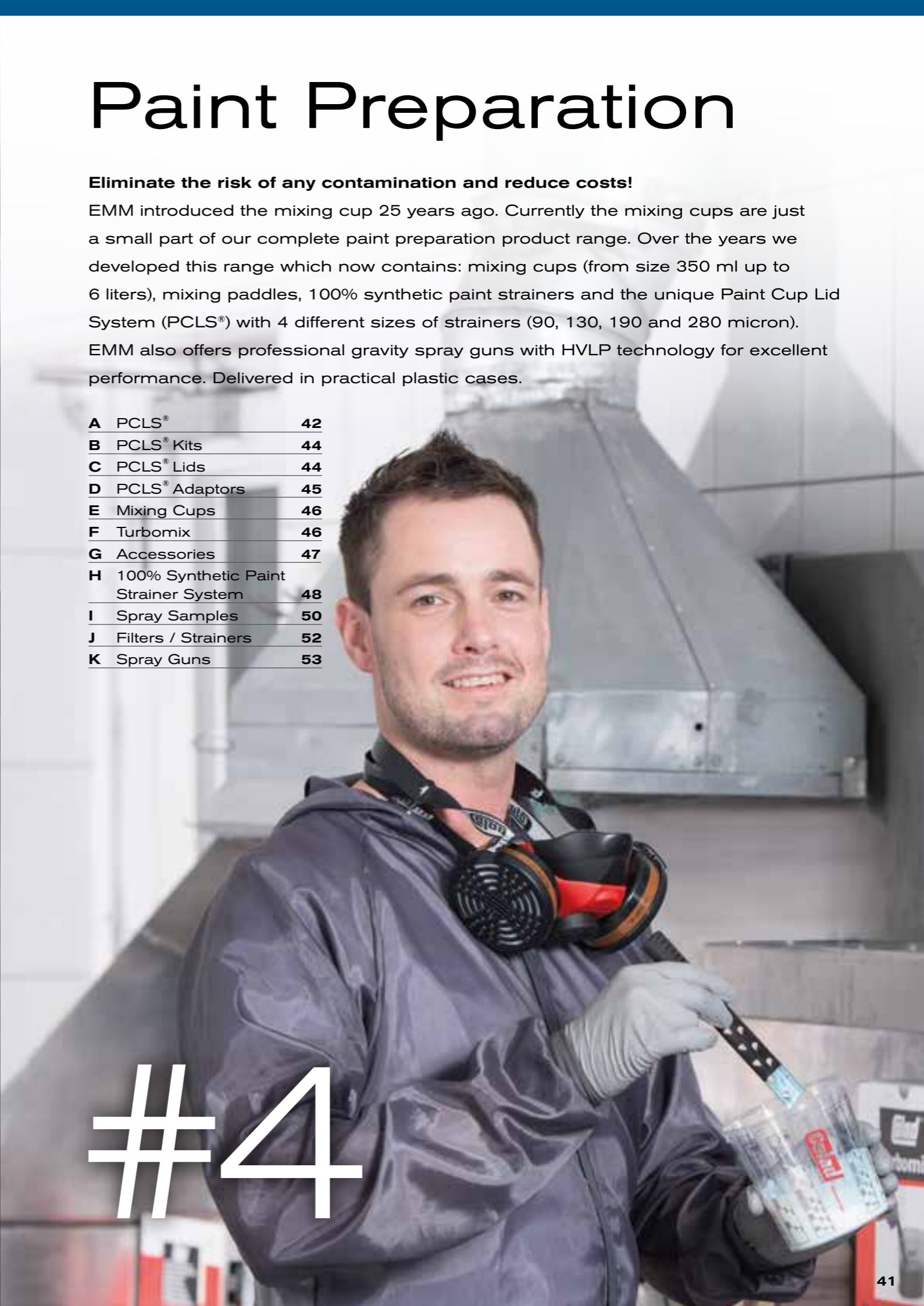


Paint Preparation

Eliminate the risk of any contamination and reduce costs!

EMM introduced the mixing cup 25 years ago. Currently the mixing cups are just a small part of our complete paint preparation product range. Over the years we developed this range which now contains: mixing cups (from size 350 ml up to 6 liters), mixing paddles, 100% synthetic paint strainers and the unique Paint Cup Lid System (PCLS®) with 4 different sizes of strainers (90, 130, 190 and 280 micron). EMM also offers professional gravity spray guns with HVLP technology for excellent performance. Delivered in practical plastic cases.

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#4

A PCLS®

The easiest and most efficient paint application system!



Colad Paint Cup Lid System®

Colad Paint Cup Lid System®, mixing cup and paint cup in one system!

- ↳ Quick system for easy and clean paint application
- ↳ Fits directly on the 700 ml Colad mixing cup
- ↳ Very efficient in use: less cleaning by using the mixing cup as spray cup!
- ↳ Suited for both waterborne and conventional paint systems
- ↳ A matching adaptor is available for any type of spray gun
- ↳ Choice of different strainers (90, 130, 190, 280 micron)
- ↳ Perfect conservation of unused paint
- ↳ Reduces the costs of the paint preparation process
- ↳ Comes with a Quick Start Instruction + instruction video's!



bit.ly/1AYW0ns
Watch video!



* Adapters available for every type of spraygun, please consult your local PCLS® dealer for tailored advice.

A PCLS®



1 + 2 + 3 = Unique System

1 Introduce
PCLS® Introduction Kit
↳ Meet PCLS®
↳ Test the system
Art.no. 90700KIT1



2 Explore
PCLS® Ready2Use Kit
↳ Explore your preferred microns
Available in:
• Kit 90 Micron - Art.no. 90700R2U090
• Kit 130 Micron - Art.no. 90700R2U130
• Kit 190 Micron - Art.no. 90700R2U190
• Kit 280 Micron - Art.no. 90700R2U280



3 The System
↳ Available in larger amounts for more efficiency

- ↳ PCLS® Lid with paint strainer 90 mic. (White) 96 pcs. Art.no. 90700090
- ↳ PCLS® Lid with paint strainer 130 mic. (Blue) 96 pcs. Art.no. 90700130
- ↳ PCLS® Lid with paint strainer 190 mic. (Green) 96 pcs. Art.no. 90700190
- ↳ PCLS® Lid with paint strainer 280 mic. (Red) 96 pcs. Art.no. 90700280

- ↳ Colad Mixing Cups 700 ml - 300 pcs. Art.no. 9370300
- ↳ Seal Caps for PCLS® Lids - 100 pcs. Art.no. 90700001
- ↳ Colad Mixing Cup Lids 700 ml - 100 pcs. Art.no. 9380
- ↳ Colad Mixing Cup Dispenser 700 ml 1 pcs. Art.no. 94990700
- ↳ Colad Turbomix Paddles - 500 pcs. Art.no. 9500

Try now!

Consult your local Colad dealer or contact:

+31 38 467 66 00

B PCLS® Kits

PCLS® Introduction Kit

New from Colad is the Paint Cup Lid System® Introduction Kit. This 116-piece kit contains all essentials* and gives you the opportunity to try PCLS® for yourself. Find out now how convenient and fast this system is!

Introduction Kit Contains:

- ↳ 30 pcs. Mixed PCLS® Lids: 90, 130, 280 micron
- ↳ 30 pcs. Colad Mixing Cup 700 ml
- ↳ 26 pcs. Colad Turbomix Paddle
- ↳ 15 pcs. Colad Mixing Cup Lid
- ↳ 15 pcs. Colad Cover Caps for PCLS®

↳ 90700KIT1



PCLS® Ready2Use Kit

The PCLS® Ready2Use Kit contains all necessities to start your paint job right away*. Just prepare your paint with the Colad Turbomix Paddle in the Colad Mixing Cup 700 ml. Click on the PCLS® lid and you are ready to go!

Ready2Use Kit Contains:

- ↳ 30 pcs. Colad PCLS® lids,
- ↳ 30 pcs. Colad Mixing cups 700 ml
- ↳ 30 pcs. Colad Turbomix paddles

* Spray gun adapters available for every type of spraygun, sold separately.

C PCLS® Lids



↳ PCLS® Lid 90 Micron

90700090
(White 90 micron)
PCLS® lids with 90 micron strainers included, suited for water-borne and conventional paint systems. Box of 96 lids.

↳ PCLS® Lid 130 Micron

90700130
(Blue 130 micron)
PCLS® lids with 130 micron strainers included, suited for water-borne and conventional paint systems. Box of 96 lids.

↳ PCLS® Lid 190 Micron

90700190
(Green 190 micron)
PCLS® lids with 190 micron strainers included, suited for water-borne and conventional paint systems. Box of 96 lids.

↳ PCLS® Lid 280 Micron

90700280
(Red 280 micron)
PCLS® lids with 280 micron strainers included, suited for water-borne and conventional paint systems. Box of 96 lids.



↳ Cover caps for PCLS® lids

90700001
Caps to cover the lid before paint application. Bag with 100 caps.

D PCLS® Adaptors



Stainless steel PCLS® adaptors for all kinds of spray guns. Per piece.

Colad	Male or female screw	Interior	Female	Interior			Male	Female	Male	Female	Male	Male	Male	Male	Male		
	Screw size	M16x1,5	M16x1,5	M14x1	with Sata quick system	with Sata quick system	M10x1	7/16"-14 UNC	M16x1,5 Hulse	M12x1,5	M18x1,5	M12x1	1/4-19 BSPF	M16x1,5	BSP 1/8"-28	M16x1,5	M16x1,5
Brand	Colad adaptor	9001	9002	9003	9004	9005	9006	9008	9009	9010	9011	9012	9013	9014	9018	9019	9020
Brand	Model																
Hamach	ESG		■														
	SSG			■													
SATA	JetB,NR92,NR95		■														
	Jet 2000,Jet 3000 with Sata quick system				■												
	Jet 2000,Jet RP,Jet 90 without Sata quick system			■													
	KLC PKLC,RP, MCB			■													
	Minijet with Sata quick system					■											
DeWilbiss	GTI Pro, PRI, GF, GFV, GFHV, GTI														■		
	Gpi, MGPI, C62, PRI, Compact ITW														■		
IWATA	W400, WR400, VXL 949, LPH 400																
	LP494,VXLPrimer, W400WB																
	Supernova, W300, W300WB																
	Mini LPH 80																
AIR GUNSA	AR3, AZ4 THE, AZ3																
	AZ4 Serial 75																
SAGOLA	Xtreme 4300																
	Mini Xtreme, 403, 4100G,433G,																
	434G, 444G, 450G																
	475 mini																
Walcom/Spaseni	Xtreme4400																
	Slim,FX Geo,FX HVLP																
Bersch+Fratscher	OPTIMA 800 / 900																
Aerometal /Sone	Victoria / Fura																
Asturo	OM Green																
ANI (Italien)	Spray gun																
U-Pol	Gravity Gun HVLP																
Kestrel	STD Gravity																
DeltaLyo	DL3000																
Catalfer	Kent																
Kremlin	M21G																



E Mixing Cups



↳ Mixing cups

9350300 (350 ml)
9370300 (700 ml)
9400300 (1400 ml)
9410300 (2300 ml)

Disposable plastic Mixing Cups for paint preparation. Transparent, printed with several mixing ratios, stackable to save space and keep them clean. Disposable after use to save cleaning time. Per box of 300 pieces, packed per 50 in a bag.

9425 (6000 ml)

Strong plastic 6 liter mixing cup for industrial paint preparation. Engraved mixing ratio's. 40 pieces in a box.



↳ Mixing cups Lids

9360 (350 ml)
9380 (700 ml)
9480 (1400 ml)
9490 (2300 ml)

To cover the Colad Mixing Cups and protect paint against dirt and dust. Easy application. 100 pieces in a box.



↳ Mixing Cup Dispenser

94990350 (350 ml)
94990700 (700 ml)
94991400 (1400 ml)
94992300 (2300 ml)

Wall dispenser made of durable metal to hold Colad Mixing Cups. The Mixing Cups are easily dispensed one at a time, keeping them clean and free from dust and saving space in the mixing room. Per piece.

↳ Exchangeable Cups

9440 Box of 100 cups + 4 Colad Iron Cans
9450 Box of 36 Iron Cans
9490 Lids to protect paint against dust and dirt. 100 pieces per box.

Plastic mixing cups holding 2.3 liters for quick exchange of paint types or colours for the house painter.

F Turbomix



The perfect mix

The correct colour can only be achieved by the complete mix of the different pigments inside the cup. The Turbomix paddle has a specially designed wave format with holes to get the maximum turbulence and to reach all the corners of the cup. The result is a perfect colour.

↳ Turbomix Paddles

Plastic paddle made from recycled synthetic material. Easier stirring and better mixing due to the curved shape and holes.

9500
Dimensions: 20 x 2 cm, suitable for mixing cups up to 1400 ml. 500 pieces in a dispenser.

9520200
Dimensions: 30 x 3 cm, suitable for mixing cups of 1400 or 2300 ml. 200 pieces in a dispenser.



G Accessories



↳ Pencil bottle 30 ml (1.0 oz)

9186

Plastic bottle to provide the owners of repaired cars with a paint specimen so that they can touch up minor damage themselves. Each touch up bottle 30 ml with lid with built-in brush; 2 metal mixing balls to obtain thorough mix, self-adhesive label for any comment, one funnel per box. 100 bottles in a box.



↳ Dispenser Bottle

9700

1000 ml plastic bottle for dispensing special diluent to water-based paint. Equipped with a fine, "drop by drop" nozzle. Per bottle.

H 100% Synthetic Paint Strainer System



100% Synthetic Paint Strainer System

The highest quality and quickest paint straining solution!

- ↘ Complete system
- ↘ Simple selection
- ↘ Easy to use
- ↘ Quicker straining
- ↘ Highest quality
- ↘ Unique product



H 100% Synthetic Paint Strainer System

Simple selection

The four different microns are color coded. This helps you select the suitable strainer for your job.



**White - 90 µm
Clear coat**
Art.no. 10350090



**Green - 190 µm
Conventional
base coats**
Art.no. 10350190



**Blue - 130 µm
Waterborne base
coats**
Art.no. 10350130



**Red - 280 µm
Primers**
Art.no. 10350280

Easy to use

Ready in 3 simple steps!



Quicker straining

Increased straining surface provides straining twice as fast as conventional strainers, reducing the waiting time.

Unique product

The Colad® 100% synthetic strainers have been granted a patent, meaning that EMM is the only supplier of this innovative product.

Highest quality

- ↘ ISO 9001:2008 proved production technology.
- ↘ Patented hot sealing technique makes the strainers lint and fiber free.
- ↘ Suitable for all types of waterborne or 2k paints.

Colad 100% Synthetic Paint Strainers

Dispenser box of 180 pieces. Refill packs available with 180 pieces in plastic bag.

- 10350090D Transparent (90 micron)
- 10350130D Blue (130 micron)
- 10350190D Green (190 micron)
- 10350280D Red (280 micron)



↘ **Dispenser Box**
103506



↘ **Holder for Synthetic
Paint Strainer**
103505



↘ **Spray Gun Holder**
103511

I Spray Samples

Easy2Check®

The quickest and easiest check during sanding and paint preparation!

The most efficient and effective product to check for any irregularities while sanding panels. The 'glossy finish' helps detecting any defects or colour deviations.

Spray on a spray sample to create a glossy finish and check if the colour corresponds. Can also be used for panel checks! See page 23.

↘ **Easy2Check®**
9300

A product from **Colad**
an emm product

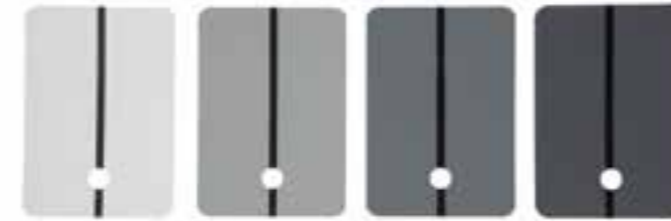


- ↘ Easy to use
- ↘ Fast
- ↘ Safe
- ↘ Cost effective



bit.ly/1otYvZa
Watch video!

I Spray Samples



↘ **Metal Spray Samples with 15 mm Hole**

- 9315 (white)
- 9315-01 (light grey)
- 9315-02 (medium grey)
- 9315-03 (dark grey)

Metal spray samples to test colour accuracy of both water-based and conventional paint with a black stripe to indicate the degree of the colours' opaqueness and a 15 mm hole to match the colour. 750 pieces per box.

↘ **Spray Sample Library**
9318

Metal spray samples (see Art. N° 9315) equipped with solid library: an ideal system for keeping your Metal Spray Samples neatly stored! 250 Metal Spray Samples in a box with library.



↘ **Spray Samples with Magnetic Holder**

9319

Metal spray samples (see Art. N° 9315) provided with magnetic holder to keep your hands clean when spraying. 250 Metal Spray Samples in a box with magnetic holder.

↘ **Magnetic Holder**

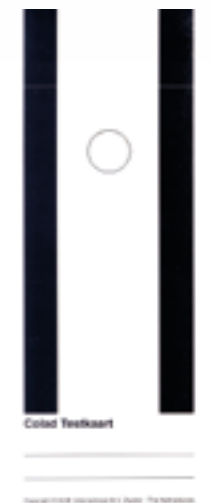
931901



↘ **Ceramic Infra-Red Drying-Kiln Airplus**

9325

Drying kiln for Metal Spray Samples equipped with a closed ceramic heating element to ensure a long product life and suitable for both water based and conventional paint. Air supply connection with ball valve for water-based paint. Cord-mounted temperature regulator. Drying with this device guarantees the same colour result on a car as the infra-red dryer. Per piece.



↘ **Spray Samples with Hole**

9310

Paper card as spray sample provided with black and white stripes. A small hole in the card speeds up exact colour matching. 250 pieces in a box with one holder.

J Filters / Strainers



Paint Strainers - 280 micron

1000 - 1000 pieces in box
1015 - 250 pieces in dispenser box
Strainers for high solid paints or primers made in paper with nylon mesh of 280 micron. Delivered either in plastic bag or in dispenser to keep the strainers perfectly clean.

Paint Strainers - 400 micron

1010
Strainers for high-solid paints or some primers, made in paper with nylon mesh of 400 micron. 250 pieces in a plastic bag.

Nylon Strainers - 125 micron

1043 - 1000 pieces in box
10430250 - 250 pieces in dispenser box
Paper strainers for both conventional or water-based paints, with 125 micron nylon mesh for fast and perfect filtering, delivered either in plastic bag or in dispenser to keep them perfectly clean.

Nylon Strainers - 190 micron

1045 - 1000 pieces in box
10450250 - 250 pieces in dispenser box
Strainers for both conventional and water based paints made in paper with 190 micron nylon mesh, delivered either in plastic bag or in dispenser to keep them perfectly clean.



Paint Strainer Stand

1040
Paint strainer stand made of a strong metal construction to hold strainers over a suction cup or a spray gun to keep hands free. Per piece.



Cup Strainers

1093 (90 micron) 1096 (280 micron)
1094 (130 micron) 1097 (375 micron)
1095 (190 micron)

Rigid plastic strainer with various meshes for primer and all kinds of industrial or car paints. 90 and 130 micron for clear coats and water-based paints. 190 and 280 micron for both conventional and water-based paints. 375 micron for Ultra High Solid materials. Can be washed and used several times. 6 pieces in a plastic bag.



Paint Strainer Dispenser

101505
Wall dispenser made of strong plastic specially designed for the strainer dispensers (Art. N°s 1015, 10430250 and 10450250) to keep the strainers clean and easy to access. Per piece.



Paint Strainers for Gravity Feed Spray Guns

1090
100% plastic paint strainer, with 290 micron mesh to be used with gravity feed spray gun. 10 pieces in a bag.



Spray Gun Strainer Large

1070
100% plastic paint strainer, large sized with 120 micron mesh to be used with suction or airless spray gun. 12 pieces in a bag.



Cup Strainers

1080
Strainers, 250 micron, made of plush-free perlon, solvent resistant, to be placed on the top of a gravity cup of a spray gun. 20 pieces in a box.

K Spray Guns

EMM offers professional gravity guns with HVLP technology for excellent performance. Delivered in practical plastic cases. Accessories are also included.



SSG Spray Gun

000880 (Ø 1.2 mm)
000883 (Ø 0.8 mm)
000884 (Ø 1.0 mm)

The Spot Spray Gun (SSG) has been specifically designed for the more compact spraying of smaller objects. The SSG features HVLP (High Volume Low Pressure) spray technique. Per piece in a carrying case.



ESG Spray Gun

000885 (Ø 1.3 mm)
000886 (Ø 1.5 mm)
000887 (Ø 1.8 mm)
000889 (Ø 2.0 mm)
000890 (Ø 2.5 mm)

The Economic Spray Gun (ESG) is perfectly suited to the highly demanding professional. Infinitely variable adjustment possible for both round and flat spray control. The ESG features HVLP (High Volume Low Pressure) spray technique. Per piece in a carrying case.



Blow off nipple

000882
Blowing gun to eliminate dust over surface. Covered by rubber to protect the surface. Air connection 1/4". Per piece.



SGH 2 Spray Gun Holder

000829
Suitable for two spray guns, suction and gravity feed guns. Multifunctional, removable and supplied with magnets to be fixed in the spray booth wall. Per piece.

Polishing

Puts the finishing touch to every painted surface!

Polishing puts the finishing touch to a painted surface. All EMM products are made to produce the desired finish: small discs with extra fine grits to eliminate small defects, Colad OneStepReady polishing compound to be applied with different sponges and very soft cloths. By using EMM polishing materials, you can save time and produce the best finish.

A	OneStepReady	55
B	Cloths	56
C	Foam Pads	56
D	Polishing Discs	56
E	Spot Repair Polishing System	57



#5

A OneStepReady



OneStepReady

Colad OneStepReady is a non-solvent based one step polishing compound which works excellently with both old and new coatings and can be used on all kinds of painted surfaces. Due to particles that become smaller in size during the polishing process, this product covers the entire polishing process, from fine sanding at the start to remove scratches, to a high gloss finish. Thanks to the one step process, you only need one sponge and one polishing material, so you work efficiently with the minimum waste of material and time. Best results in combination with the Hamach foam pads line.



OneStepReady

- 8700 1 kg bottle
- 8725 250 g bottle

B Cloths



Polishing Cloth

B12686579

Non-woven cloths made to polish any kind of surface without scratching or leaving traces. Without any additives is ideal for polish chrome, glass and interior details. Cloth dimension 40 x 36.5 cm. Roll with 275 cloths pre-cut in a dispenser carton.

A product from **Colad**



Micro Polishing Cloths

000812

Very smooth cloths to clean rests of polishing material and puts the finishing touch to the surface. Packed in bags of 4.

A product from **HAMACH**

E Spot Repair Polishing System

EMM Spot Repair Polishing System ① + ② + ③

The removal of small pits and scratches was never easier. Locate the defect and sand it lightly. Then simply polish away the defect with our one step polishing compound OneStepReady. The quick and easy solution for removal off small defects.

C Foam Pads



Hard Foam Pad

010050 (150 mm)

For hard jobs when you need to fix minor scratches. Per piece in a bag.



Medium Foam Pad

010051 (150 mm)

To polish old paints and areas without gloss. Per piece in a bag.



Soft Foam Pad

010052 (150 mm)

To get the highest gloss. Per piece in a bag.



Foam Pad

010057 (76 mm)

Foam pad medium for all kind of small jobs. Per piece in a bag.



Hard Foam Pad

010053 (200 mm)

For hard jobs when you need to fix minor scratches. Per piece in a bag.



Medium Foam Pad

010054 (200 mm)

To polish old paints and areas without gloss. Per piece in a bag.



Soft Foam Pad

010055 (200 mm)

To get the highest gloss. Per piece in a bag.



Lambskin Pad

010023 (150 mm)

Lambskin pad for all kind of small jobs. Per piece in a bag.



Tack up (Velcro) Pad M-14

010034 (160 mm)

Pad screw M-14 to use with Foam 010053, 010054, 010055 and Lambskin 010023. Per piece in a bag.



Tack up (Velcro) Pad 5/8

010038 (160 mm)

Pad screw 5/8 to use with Foam 010053, 010054, 010055 and Lambskin 010023. Per piece in a bag.



Tack up (Velcro) Pad M-14

010037 (115 mm)

Pad for use with Foam 010050, 010051 and 010052. Per piece in a bag.

D Polishing Discs



Micro Polishing Discs

402815 (P1500, Velcro)
402820 (P2000, Velcro)
402825 (P2500, Velcro)
403815 (P1500, adhesive)
403820 (P2000, adhesive)
403825 (P2500, adhesive)

100 discs in a box.

Spot repair:



1 Sand the defect with the mini sanding block or DS30, selecting the grit according to the characteristics of the defect.

010084 Mini sanding block 30 mm (Velcro & adhesive)
000220 DS30 random orbital micro sander 2,5 mm – 30 mm pad
402815 P1500, 35 mm Velcro
402820 P2000, 35 mm Velcro
402825 P2500, 35 mm Velcro

2 Polish the surface with OneStepReady polishing compound, using the DS 70 in combination with the 75mm tackup velcro foam pad or mini polishing sheep skin.

000224 DS 70 Rotating Polishing Machine (70 mm)
8700 OneStepReady polishing compound (1 kg)
010057 Tackup (Velcro) foam pad (75 mm)
007807 Tackup (Velcro) sheepskin (76 mm)

3 Remove the abundant material with the micro polishing cloths

000812 Micro Polishing cloths



Personal Protection

EMM knows how important safety is to you as the health of your employees depends on it. As expert in the refinishing market EMM is able to supply you with safety equipment to protect your team efficiently and economically. Masks, gloves, goggles, hearing protectors, overalls and safety shoes offer full protection and comply with international regulations as well as offering the highest level of comfort.

A	Paint Protection System	60
B	Gloves	61
C	Caps	62
D	Goggles / Hearing Protection	63
E	Safety Shoes	63
F	Hand Cleaner	64
G	Masks	65
H	Clothing	66



A Paint Protection system

1 + 2 + 3 + 4 + 5 = Paint Protection System

Wearing protective clothing is important to make sure you stay healthy. Besides good protection, wearing comfort is very important. The EMM Paint Protection System guarantees you 100% protection and high comfort during your working day, so that you can get the best out of your expertise!

Colad BodyGuard® an emm product

BodyGuard® Premium
Comfort Overall
5200##



1

new

2



Safety Shoes
5500##

3



Goggles
5085

4



Disposable Nitrile
Gloves Grey
538##

5



Respirator
5000

B Gloves



Disposable Nitrile Gloves Grey

538000 - (size M)
538002 - (size L)
538004 - (size XL)

Packaging: Dispenser box of 50 pcs.

EMM introduces the extra thick and extra strong Grey Nitrile Gloves. This powder, silicon and latex free glove combines extra protection with extra comfort due to its high elasticity. Thickness 8 mil.

- Extra strong, extra flexible and higher tensile strength.
- Extra long sleeves (300 mm) and textured surface for better grip.
- Powder, Silicon and Latex Free to prevent skin irritation.
- Especially suitable for working with paints and solvents.
- Produced without zinc, sulphur and accelerant to maintain the environment.
- Marked CE 0321.

Test according to EN 388

Abrasion: 0 Cut: 0 Tear: 0 Perforation: 0

Approved according to EN 374-1



Test according to EN 374-2
Specified: Level 2 (AQL 1.5)
according to producer.

Level	AQL
1	< 4.0
2	< 1.5
3	< 0.65

Test according to EN 374-3
N-Heptane 99% - Level 6
Sodium Hydroxide 40% - Level 6

Level 1: > 10 minutes	Level 4: > 120 minutes
Level 2: > 30 minutes	Level 5: > 240 minutes
Level 3: > 60 minutes	Level 6: > 480 minutes



Disposable Nitrile Gloves Black

536000 (size M)
536002 (size L)
536004 (size XL)

A very high quality, powder-free and solvent-resistant glove that is stronger, thicker and more durable than conventional nitrile gloves. Textured finger tips for better grip. Thickness 6 mil. Marked CE 0321 (EN 374-1:2003, EN388:2003). 1 disposable box with 60 gloves.



Disposable Nitrile Gloves Blue

530904 (size M)
530900 (size L)
530902 (size XL)

A solvent-resistant quality glove that provides excellent protection. Textured finger tips for better grip. Powder and silicone free. Thickness 4.5 mil. Marked CE 0321 (EN374-1:2003, EN388:2003). 1 disposable box with 100 gloves.



Gloves Dispenser

5390

Wall dispenser box for Colad disposable gloves. Only suitable for Gloves Black and Blue. Per piece.

B Gloves



Industrial Nitrile Gloves

5330000 (size L)
5330002 (size XL)

Recommended when you are in continuous contact with solvents. Resistant to most chemicals. Excellent grip and moulded to the contours of the hand. Highly comfortable and suitable for multiple use. CE-mark: 0321. Per pair.



Industrial Neoprene Gloves

5310000 (size L)
5310002 (size XL)

Resistant to most chemicals (frequent usage). Excellent grip and suitable for multiple use. CE-mark: 0159. Per pair.



Nylon Preparation Gloves

534000 (size M)
534002 (size L)
534004 (size XL)

Provides excellent protection against cuts and scratches. Durable nylon, very comfortable with great grip. Recommended for sanding and assemble-disassemble processes. CE-marked. Per pair.

C Caps



Spray Caps Large

5120

Protects head and neck during sanding and spraying. Cotton, pleasant to wear and washable. Per piece.



Spray Caps Small

5130

Protects hair during sanding and spraying. Cotton, pleasant to wear and washable. Per piece.

D Goggles / Hearing Protection

Colad Safety Goggles

New from Colad, the adjustable Colad Safety Goggles. The polycarbonate lenses provide optimum protection and clear vision while working.



Colad Goggles

5085

Per piece in a plastic bag.

- Protects the eyes
- Also suitable to wear over spectacles
- Adjustable ear-springs for optimum comfort
- Clear, polycarbonate lenses to optimize vision
- Sporty design
- DIN EN 166 safety specification



Hearing Protectors

5095

Offer optimal protection against noise. Lightweight and very comfortable to wear. Approved according to DIN 32760 ÖNORM Z1110. Per piece.

E Safety Shoes

Safety Shoes comply with the highest European standards and are CE marked. The high quality leather, light weight and flexibility make all models very comfortable to wear. With a special anti-perforation, profiled, oil-resistant sole and composite toe cap. Offers optimal foot protection combined with a dynamic look.



Safety Shoes Low Model

550040 (size 40)
550041 (size 41)
550042 (size 42)
550043 (size 43)
550044 (size 44)
550045 (size 45)
550046 (size 46)

Shoe size table complies to European standard EN-345, S3.



Safety Shoes High Model

560040 (size 40)
560041 (size 41)
560042 (size 42)
560043 (size 43)
560044 (size 44)
560045 (size 45)
560046 (size 46)

Shoe size table complies to European standard EN-345, S3.

Also available:

➤ **Insoles**
580040-580046

➤ **Large Shoe Laces**
560099



bit.ly/12anVBC
Watch video!

F Hand Cleaner



Colad Hand Cleaning System

The perfect and complete system for hand cleaning and protection.

8150 (A - 500 ml)
8160 (B - 1000 ml)
8170 (C - 500 ml)

- 1 (A) Prevents skin irritations caused by cleansers, paint, oil, grease, solvents etc.
- 2 (B) Cleanses the skin.
- 3 (C) Maintains the skin's natural protective oils. Silicone-free, waterproof and contains anti inflammation properties

8175 Pump for article 8160 (B), 1000 ml. Per piece.
8180 Pump for articles 8150 and 8170 (A and C), 500 ml. Per piece.
8185 Wall display for Colad Hand Cleaning System A, B & C.

All available per piece.



Hand Cleaner

8135

For quick removal of 2-component, acrylic- and water based paints. Contains granulated, synthetic cleansing compounds. 250 ml tube.



Skin Care Cream

8136

Prevents the skin from drying out and becoming rough and flaky. Very soft and silicone-free. With an anti-inflammation effect. Helps the skin to recover and prevents chapping. 100 g tube.



Hand Cleaner

8190

For quick removal of 2-component, acrylic- and water based paints. Contains granulated, synthetic cleansing compounds. 2.5 litre bucket.

G Masks



Disposable Respirator

506600

Disposable respirator for protection from harmful paint or solvent vapors. Fits perfectly around the nose and mouth. Maximum usage 40 hours. Complies with the strict UNE-EN 140 standard, CE-marked: 0159. Includes filters A1 and P2. Supplied in air-tight, resealable plastic bag.



Respirator

5000

Protects against the inhalation of isocyanate from paint or solvents. Fits perfectly around the nose and mouth. Maximum usage 40 hours. Complies with the strict UNE-EN 140 standard, CE-marked: 0159. One mask in an air-tight storage box with 2 carbon filters A1 and 50 pre-filters P2.



Pre-filter P2

5010

50 pieces in a box.



Filters A2P3

5021

To be applied under circumstances where paint application requires more effective personal protection. Must be replaced after a period of maximum 40 hours. The filters comply with UNE-EN 14387 (Gas Filters and Combined Filters) and are CE-certified. Set of 2 filters with pre-filters included.



Active Carbon Filters A1

5020

Set of 2 filters.



Dust Mask

5400

Protection against dust particles. Lightweight and comfortable, with an adjustable nose-clip. Only for occasional jobs with light dust contamination. Box with 50 masks.

Fine Dust Mask P2 with Valve

5420

High protection against dust particles (P2). Fitted with an adjustable nose-clip and an exhalation valve for increased comfort. Complies EN 149:2001 FFP2, CE-marked. Box with 15 masks.



Fine Dust Mask P2

5410

High protection against dust particles (P2). Fitted with an adjustable nose-clip for a comfortable fit. Complies EN 149:2001 FFP2, CE-marked. Box with 15 masks.

Fine Dust Mask P2 with Valve and Active Carbon

5425

High protection against dust particles (P2). Fitted with an adjustable nose-clip and an exhalation valve for increased comfort. The carbon eliminates unpleasant odors. Complies EN 149:2001 FFP2, CE-marked. Box with 15 masks.



Colad
BodyGuard[®]
an emm product

For a full day of working
comfort and protection!



Best Protection

- ↘ Protects against overspray
- ↘ Prevents fiber & dust erosion pollution
- ↘ Seals off tightly (head, wrists and ankles)
- ↘ Anti-static coating (EN 1149-1:2006)
- ↘ CE marked

High Comfort & Performance

- ↘ Comfortable for the full day
- ↘ Breathing capabilities
- ↘ Better movability
- ↘ Better fit for all sizes

Durability

- ↘ Usable up to 3 months
- ↘ Durable, blind zipper

Representative

- ↘ Grey color
- ↘ non-transparent
- ↘ Remains a clean look for longer



bit.ly/1vZhiQt
Watch video!



↘ **BodyGuard[®] Premium Comfort Overall**

- | | |
|------------------|------------------|
| 520046 (size 46) | 520056 (size 56) |
| 520048 (size 48) | 520058 (size 58) |
| 520050 (size 50) | 520060 (size 60) |
| 520052 (size 52) | 520062 (size 62) |
| 520054 (size 54) | 520064 (size 64) |



↘ **Nylon Spray Coat**

- 510148 (size 48)
- 510152 (size 52)
- 510156 (size 56)
- 510160 (size 60)
- 510164 (size 64)

For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibers, dust and lint. White to prevent distortion of colour vision, very durable and well ventilated. CE-marked. One overall in a box.



↘ **Carbon Spray Overall**

- 511748 (size 48)
- 511750 (size 50)
- 511752 (size 52)
- 511754 (size 54)
- 511756 (size 56)
- 511758 (size 58)
- 511760 (size 60)
- 511762 (size 62)
- 511764 (size 64)



For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibers, dust and lint. White with carbon thread to prevent distortion of colour vision, very resistant and well ventilated. The carbon is added to reduce static electricity. CE-marked. One overall in a box.



↘ **FR Spray Overall**

- 512548 (size 48)
- 512552 (size 52)
- 512556 (size 56)
- 512560 (size 60)
- 512564 (size 64)

For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibers, dust and lint. White to prevent distortion of colour vision, very durable and well ventilated. A flame retardant product to be used when regulations require. CE-marked. One overall in a plastic box.



↘ **Nylon Spray Overall**

- 510046 (size 46)
- 510048 (size 48)
- 510050 (size 50)
- 510052 (size 52)
- 510054 (size 54)
- 510056 (size 56)
- 510058 (size 58)
- 510060 (size 60)
- 510062 (size 62)
- 510064 (size 64)
- 510066 (size 66)
- 510068 (size 68)

For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibers, dust and lint. White to prevent distortion of colour vision, very durable and well ventilated. CE-marked. One overall in a box.

Chemicals & Adhesives

EMM offers undercoatings and various sealers. Our undercoatings are flexible and most of them can be easily over-painted. Undercoating can be applied by aerosol or by spray gun. All have excellent anti rust and noise reduction properties. Also part of our assortment is a full range of products needed to restore the original format of damaged parts: double face tapes, plastic repair adhesives, car glass and panel adhesives as well as all the accessories and tools required to apply the products.

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A Undercoating



Undercoating M80

4010 (black)
4020 (white)
4030 (grey)

Undercoating with anti-corrosion and noise reduction properties. Material made of rubber and resins. After drying, the coating is paintable. The coating offers excellent protection against climatic influences and against gravel and stone chips. 1 liter tin with spray connection. (suitable for +/- 2.5 m²)



Undercoating

M40 black
4000

Protects against corrosion and salt. Noise-absorbing, flexible and chip-resistant. 1 liter tin with spray gun connection.

Undercoating Spray

8100

Undercoating in spray for rust prevention and sound deadening properties. Quick drying and recoatable. Colour: black. 500 ml spray.

Allround Neoprene Putty (grey)

4060

Neoprene putty in grey colour, apply to any visible seam. An excellent adhesive for use with any substrate. Resists temperatures ranging from -25°C to +80°C (-77°F to +176°F). Remains flexible during and after application. 1 kg can.



Nylon Brush

4070

Brush to apply the neoprene putty.



Self-Adhesive Noise Absorbing Sheets

4050

Self-adhesive sheets to be applied to the interior sheet metal of car doors, trunks, car roofs, etc. Flexible and good adhesion. Easy to cut and heat-resistant. Thickness: 2.2 mm. Per box of 8 sheets of 250 mm x 500 mm.




B Guns



Universal Gun

90672658

Multi usable 1-component gun for all 1-component sealers. Suited for several kinds of nozzles to reach the required results. Comes with a product delivery regulator and a spray pressure regulator, working pressure max. 6 bar. Several kinds of nozzles are included. Per piece.

A product from 



Manual Gun

90675550

Suited for cartridges and bags. Professional manually-operated gun for applying and extruding sealant products such as silicones and adhesives. The gun's tube is suitable for standard cartridges (plastic and aluminum) or standard 300 ml and 400 ml bags. Per piece.

A product from 



Nozzle

90627997
Multi-purpose nozzle.
10 p/bag.



Nozzle

90663772
Suitable for Universal Gun (Art. N° 90672658).
10 p/bag.



Nozzle

90663799
Suitable for Art. N°s 90672402, 90672410, 90672429, 90673719 and 90672658.
Colour: Red. 10 p/bag.




Nozzle

90663780
Suitable for Art. N°s 90672402, 90672410, 90672429, 90673719 and 90672658.
Colour: Blue. 10 p/bag.



Nozzle

90663802
Suitable for Universal Gun (Art. N° 90672658).
Colour: Black. 10 p/bag.


A product from 



Undercoating Spray Gun

4040

Gun for the application of undercoating in tins of one liter. Per piece.


A product from 



Undercoating Spray Gun Adjustable

4045

Gun for the application of undercoating in tins of one liter. With an adjustable nozzle to adapt the spray pattern. Per piece.


A product from 



Undercoating Spray Gun Adjustable

90672674

Gun for the application of undercoating and cavity protection products in tins of one liter. Gun with an air connection and a nozzle to apply the product on the surface. This gun is also equipped with an adjustable nozzle to adapt the spray pattern. Per piece.


A product from 



Disposable Tubes and Nozzles

90672690

Tubes and Nozzles for the disposable undercoating spray gun. Set consists of 6 tubes and nozzle.

A product from 



Disposable Undercoating Spray Gun

90672682

Gun for coating application with disposable tube and nozzle. Saves cleaning time and costs. Includes disposable and replaceable tube and nozzle. Per set.

A product from 



an **emm** product

Tander⁴Plastic

↳ Tander4Plastic Repair System

90672200

The Tander4Plastic Repair System is a compact and complete kit that contains all necessities for quick and easy damage repair on plastic parts of any vehicle or object.

- ↳ Compact, ready to use case (can be refilled).
- ↳ Easy to use system due to the detailed (5 language) manual.
- ↳ Instruction video's available for extra support.

Tander4Plastic Repair System contains:



- ↳ 1 x Colad[®] Nylon Preparation Gloves
Art.no. 534002 (Large)



- ↳ 1 x Tander[®] Primer Plastic Spray 40.30
Art.no. 90672267



- ↳ 1 x Tander[®] Plastic Cleaner
Art.no. 90672270



- ↳ 1 x Tander[®] Reinforcement Foil
Art.no. 90672276



- ↳ 1 x Tander[®] Form Foil
Art.no. 90672275



- ↳ 1 x Tander[®] Manual Gun
Art.no. 90672666



- ↳ 2 x Tander[®] For Plastic 40.10 (transparent)
Art.no. 90672241

- ↳ 2 x Tander[®] For Plastic 40.10 (black)
Art.no. 90672240

- ↳ 2 x Tander[®] For Plastic 40.20 (black)
Art.no. 90672259

- ↳ 25 x Tander[®] Nozzle
Art.no. 90672980

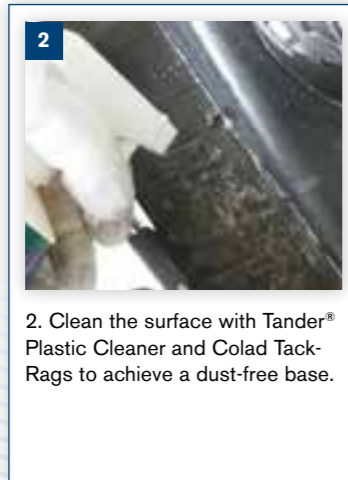


- ↳ 1 x Colad[®] Plastic Spreader (5 pcs)
Art.no. 9105

Instruction Manual Tander4Plastic



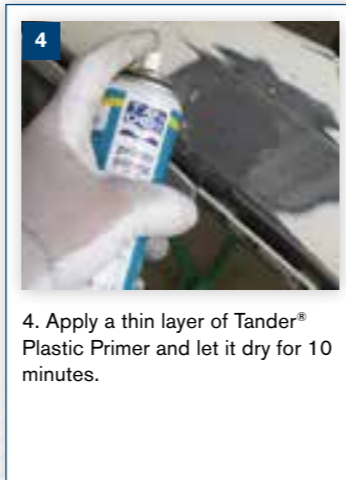
1. Small or large plastic damage.



2. Clean the surface with Tander® Plastic Cleaner and Colad Tack-Rags to achieve a dust-free base.



3. Model and grind to achieve an even surface with a hot air gun and/or Hamach HP 80 with Colad Sanding Discs.



4. Apply a thin layer of Tander® Plastic Primer and let it dry for 10 minutes.



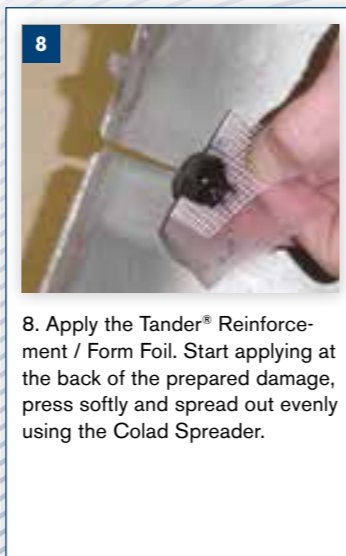
5. Prepare the Tander® Reinforcement Foil / Form Foil by cutting it to the requested size with regular scissors.



6. Before applying the Tander® For Plastic Adhesive, press out some product to make sure the product is properly mixed.



7. Apply the Tander® For Plastic Adhesive on the Tander® Reinforcement / Form Foil. Make sure that the top of the nozzle is always in the product. This way you prevent air from inclosing in the adhesive, which will form air bubbles when applied.



8. Apply the Tander® Reinforcement / Form Foil. Start applying at the back of the prepared damage, press softly and spread out evenly using the Colad Spreader.



9. When the Tander® For Plastic Adhesive is cured (see technical information), sand the surface by using Colad Soft Flex P180.



10. When sanded, you can apply Tander® Body Filler if necessary. For painting the surface follow the instructions of the paint producer.



➤ **Serious damage**



➤ **Small damage**



➤ **For Plastic 40.10 5 minutes Plastic Repair Glue**

90672240 - Black
90672241 - Transparent

Powerful 2-component polyurethane-based adhesive. Excellent drying adhesive, usable for repairing plastic materials. Processing time: 5 min. Application nozzle is included and is also available as a separate part (Art. N° 90672980). 50 ml in cartridge.

➤ **For Plastic 40.20 1 Minute Plastic repair Glue**

90672259

Fastest curing time in the market! Powerful 2-component polyurethane-based adhesive. Excellent drying adhesive, can be used for repairing synthetic car parts. Processing time: 1 min. Application nozzle is included and is also available as a separate part (Art. N° 90672980). 50 ml in cartridge.



➤ **Manual Gun**

90672666

Suited for 2-component adhesives. Compact and lightweight, ergonomically designed gun. Suitable for For Plastic 40.10 (Art. N° 90672240) and for For Plastic 40.20 (Art. N° 90672259). Per piece.

Technical information	For plastic 40.10 Transparant	For plastic 40.10 Black	For plastic 40.20 Black
Drying time	5 min.	5 min.	1 min.
Sandable after	30 min.	30 min.	10 min.
Paintable after	30 min.	30 min.	10 min.



➤ **Form Foil**

90672275

Product for shaping PUR repair material on plastic parts. This foil helps to restore the original shape of the surface. Dimensions: 150 cm x 12.5 cm.



➤ **Reinforcement Foil**

90672276

Product for shaping PUR repair material on plastic parts. This gauze-reinforced foil is designed to strengthen the damaged area. The product aids the application of adhesive on the damaged surface and achieves a strong and straight surface. Dimensions: 150 cm x 12.5 cm.



➤ **Primer Plastic 40.30 Spray**

90672267

Primer for plastic materials. Product is perfectly suited as an anchor for the 2-component adhesives. This product creates a clean adhesive surface in the plastic repair process. 200 ml aerosol.



➤ **Plastic Cleaner**

90672270

Non-flammable water-based cleaner that is suited for both repair and new plastic parts. Because of its composition, this cleaner is very economical in use and has excellent cleaning and degreasing properties. 500 ml spray bottle.



➤ **Tander Light Stopper 10.10**

90621328

Polyester Multifunctional putty. For filling in deep uneven areas and dents. State-of-the-art filler. Optimum sanding characteristics. Adheres to; galvanized steel sheeting/ aluminum/ steel/ wood and polyester laminates. Up to 40% higher sanding removal compared to "traditional" putty. Absolutely surface dry! Packing 1.3 Kg in a tin can, with hardener.



➤ **Tander Plastic Repair Stopper**

90621400

Plastic Body filler. Allows fine application on slight uneven spots and scratches. Optimum viscosity properties provides a homogeneous and smooth surface application. Surface Dry Hardening prevents abrasive paper from clogging. Packing 1 Kg in a tin can, with hardener.

E Metal Repair



Silver Metal MS 90.20

90672402 (grey)
Sprayable MS polymer hybrid sealer for metal. Paste, thixotropic (high viscosity) sprayable sealant with a special spray structure for sealing overlapping seams, welded seams and construction seams. Application nozzle is included and is also available as a separate part (Art. N° 90663780). 310 ml in cartridge.

90672410 (beige)
Sprayable MS polymer hybrid sealer for metal. Paste, thixotropic (high viscosity) sprayable sealant with a special spray structure for sealing overlapping seams, welded seams and construction seams. (art.N° 90663780). 310 ml in cartridge.



Silver Metal MS 90.50

90672429
MS polymer hybrid adhesive. A universal, permanently elastic 1-component adhesive based on a MS-hybrid-polymer, moisture curing, neutral polymerization, odorless with excellent adhesive power. Free of solvents and silicones. Application nozzle is included and is also available as a separate part (Art. N° 90627997). Colour is grey. 310 ml in cartridge.

Accessories needed to apply the product:
- Universal Gun (Art. N° 90672658).
- Manual Gun (Art. N° 90675550).

G Fasteners



Permanent Attachment Tape

900509 (9 mm)
900512 (12 mm)

Transparent double-face tape, for attaching strips, registration plates and accessories to cars. Clear, permanent bonding, double-sided film. Thin and highly durable. Quick and simple to apply. Resulting in an appearance equal to O.E.M. standards. Available in 9 and 12 mm x 9 m. Per roll in a plastic bag.



Double-faced Acrylic Foam Tape

901006 (6 mm)
901009 (9 mm)
901012 (12 mm)
901019 (19 mm)
901025 (25 mm)

Double side foam tape, to attach strips, registration plates and accessories to cars. Weather resistant. Available are: 6, 9, 12, 19, 25 mm x 10 m. Per roll in a plastic bag.

All products from **Colad**

F Glass Repair



Silver Glass MS 90.10

90673719
MS polymer hybrid adhesive. A universal, permanently elastic 1-component adhesive. Perfectly suited for bonding car windows. Dries quickly and gives perfect adhesion. Colour is black. 290 ml in cartridge.

Accessories needed to apply the product:
- Universal Gun (Art. N° 90672658).
- Manual Gun (Art. N° 90675550).
- Nozzle (Art. N° 90628373).



Silver Glass MS Primer 90.30

90675436
Colourless MS-Hybrid primer. To be used on non-porous materials such as glass or ceramics. 100 ml in tin.



Nozzle

90628373
Suitable for Silver Glass MS 90.10 (Art. N° 90673719).



Booth & Workspot Maintenance

Booth and workspot maintenance is essential in preserving professional results. EMM offers various investment goods to furnish and dress your workspot and mixing room. Stainless steel furniture, cleaners, waste disposal and various accessories. We also offer a complete cabin protection system that expands the lifespan of your spray booth using Film4Booth and Film4Floor.

<u>Spray Booth</u>	<u>80</u>
<u>Mixing Room</u>	<u>84</u>
<u>Workspot</u>	<u>89</u>



Spray Booth

<u>A</u>	<u>Booth Protection System</u>	<u>81</u>
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Spray Booth

Paint has to be prepared and applied in a clean environment. All our spray booth protection products provide professional solutions for the spray booth, making clean jobs possible without contamination of the painted surface. The products have been specially designed to resist solvents and high temperatures. Professional, easy and economical solutions for the paint area with all the tools needed to apply them.



A Booth Protection System

A complete solution for maintaining your spray booth!

To guarantee a clean working space and a longer life-span of your spray booth, EMM developed the Cabin Protection System. Optimal protection against booth contamination and dust-pollution of your spray job.



1 + 2 =
Complete Solution

1 Apply

➤ Film4Booth (Wall)

6860

Roll of 90 cm x 84 m
(including 6 rolls of tape).

➤ Foil Dispenser

6900

➤ Foil Applicator

6950

➤ Magnetic Foil Cutter

2070

2 Apply

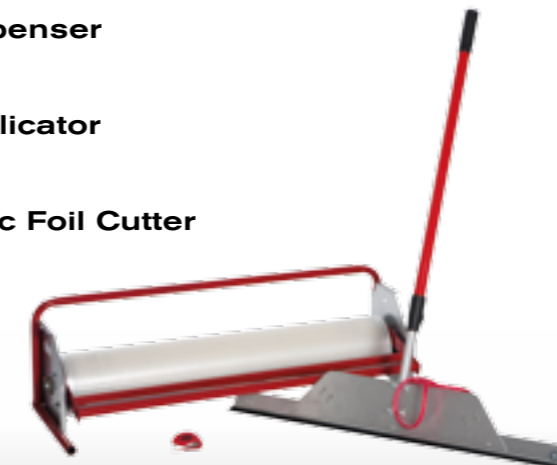
➤ Film4Floor (Floor)

6864

60 cm x 50 m

6865

90 cm x 150 m



B Spray Booth Walls

Film4Booth

Film4Booth is a 4-layered protection film to be applied on the spray booth walls. It is self-adhesive and transparent and can be applied over lights and windows. The film is treated with paint adhesion and has to be removed after 250 booth cycles or 3 months. To remove a layer, peel the top layer off to expose fresh film and re-tape the edges. Can be used in combination with Antidust to eliminate dust in paint jobs.



➤ **Film4Booth**
6860

➤ **Foil Dispenser**
6900

➤ **Foil Applicator**
6950



➤ **Antidust**
8140 (20 liters)
8141 (10 liters)
8142 (5 liters)

Adhesive lacquer for spray booth walls, ready to apply by spray gun (1.8, 2.0), brush and/or paint roller, specially developed to protect the paint / clear coating jobs inside the spray booth. It makes dirt and spray dust stick to the surface of the spray booth walls, reducing the time spent on polishing jobs. Due to its transparency, there is no reduction of light or negative effect on colour judgment. Simply remove with warm water or high pressure spray gun, completely biologically degradable and absolutely silicone free. (Suitable for 10-12 m² per liter at average consumption).

B Spray Booth Walls



➤ **Booth Coating**
8144 (5 liters)

This coating for spray booths walls is ready to apply by spray gun (1.8, 2.0). A different method for masking a spray booth. Protects the walls from overspray by applying a single layer of booth coating, Booth coating forms a strong and transparent dry film. Remove it with warm water or high pressure spray gun.



➤ **Aqua Strippable Coating**
8145 (10 liters)

Strippable coating for masking spray booths walls. Apply by spray gun, brush or paint roller. Is an alternative to Booth coating or Antidust for the protection of the walls from overspray and dirt. Remove it by peeling of the film from the wall. (Suitable for 1/1.5 m² per liter at average consumption).

C Spray Booth Floor

Film4Floor

Film4Floor is a self-adhesive white film to be applied on the booth floor. This film makes the cleaning of the booth floor very easy. It is reflective white to increase the light in the booth and is treated with paint adhesion. Easy to remove, does not leave adhesive residue on the floor. Can be used in combination with Dust Control to eliminate dust in paint jobs.



- White high gloss for optimum reflection
- Easy to apply and cut
- Strong and durable (100 micron)
- Solvent resistant and paint adhesive
- Anti-slip



➤ **Film4Floor**
6865
90 cm x 150 m
6864
60 cm x 50 m



➤ **Dust Control**
8200

A static clear solution for spray booths floors and preparation areas. Specially designed to keep dust and dirt down on the floor to prevent dust from swirling during the paint job. Reducing the time spent on polishing job. Applied with pressure sprayer. One can with 5 liters.



➤ **Pressure Sprayer**
8300

Designed to apply Colad Dust Control. It is fitted with Viton O-rings for durability and has a 5 liter capacity. Automatic safety valve protects against over-pressure. Per piece.

Mixing Room

Mixing room equipment and extraction systems from EMM offer the complete professional mixing room solution. All equipment is manufactured in polished stainless steel to avoid paint contamination, prevent rust and allow easy cleaning. The complete solution includes tables, washing machines, can containers, all the extraction tubes and fans to renew the air in the mixing room. Consult with our experts to get a quote for your new clean and efficient mixing room. High quality and compliance with all environmental regulations are guaranteed. All mixing room equipment complies with ATEX 137, CE, EXCatIII2GclIBT4, EG machine directives 2006/42/EG and 94/9/CE group II. EMM stainless steel mixing room equipment is the best solution for a safe and clean mixing area that conforms to current regulations.

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A Work Station



Stainless Steel Tables

With or without doors in two different sizes. Height adjustable. Polished flat work surface. Spilled fluid stays on worktop. Vapour extraction over the complete working surface at a height of ± 20 cm. Tables can be covered with the Colad Stick & Go for fast cleaning.

000463

HT 120 cm wide without doors.
(120 x 60 x Working height: 91 cm,
weight 41 kg)

000465

HT 120 cm wide with doors.
(120 x 60 x Working height: 91 cm,
weight 56 kg)

Extraction point: \varnothing 180 mm

000460

HT 180 cm wide without doors.
(180 x 60 x Working height: 91 cm,
weight 61 kg)

000462

HT 180 cm wide with doors.
(180 x 60 x Working height: 91 cm,
weight 76 kg)

HS Spray board 120 cm

000478

HS Spray board 180 cm

000479

This full stainless steel spray board is suitable for spraying small parts, such as spray samples. The Spray board is fitted with an extraction point to be connected to an extraction system and is equipped with a pneumatic spray gun connection, a pressure regulator and a manometer.

HS Spray board 120 cm suitable for wall mounting or on a HR 120 table (80 x 120 x 20/44)
The HS Spray board 180 cm is suitable for wall mounting or on a HR 180 table (80 x 180 x 20/44)

B Ventilators

To make sure that all harmful / dangerous gasses are eliminated, a well equipped mixing room needs a good ventilation system. The EMM ventilator units create a healthy environment for your staff, eliminating health and safety risks*.

Ventilator Unit



380V

Ventilator unit 380V

RVE000001
Capacity: 250 m³/h

Ventilator unit 380V

RVE000002
Capacity: 700 m³/h

Ventilator unit 380V

RVE000003
Capacity: 1200 m³/h

Ventilator unit 380V

RVE000004
Capacity: 1980 m³/h

230V

Ventilator unit 230V

RVL000001
Capacity: 250 m³/h

Ventilator unit 230V

RVL000002
Capacity: 700 m³/h

Ventilator unit 230V

RVL000003
Capacity: 1200 m³/h

Ventilator unit 230V

RVL000004
Capacity: 1980 m³/h

* ATEX certified.
Suitable for indoor use.

C Cleaners

- ↳ One compact station (automatic or manual) for cleaning your spray guns
- ↳ Possibility to connect to the Hamach ventilation system

Water based



↳ HR 2400 Spray Gun Washer

000474
The same as the HR 2400 with a membrane pump and only a direct connection to water.

Dimensions: 158 x 84 x 60 (H x W x D)
Working height: 105 cm
Weight: 70 kg
Extraction point: Ø 180 mm
Extraction volume: 100 m³/h
Collecting tank: 60 liters

045601 Filter bag (coarse)
045605 Filter bag (thin)



↳ Stainless Steel Cleaning Tank

7140

Is a stainless steel tank for cleaning small items like filling knives. With automatic lid to avoid unnecessary waste of paint thinner. To be used with water and thinner. Dimensions (H x W x D): 54 x 41 x 104 cm.

Solvent



↳ HR 2000 Spray Gun Washer

000473
A manual spray gun washer for solvent paint. With vapour extraction connection. All you need is a 5 bar air pressure connection. Simple and intuitive to use.

Dimensions: 158 x 84 x 60 (H x W x D)
Working height: 105 cm
Weight: 65 kg
Extraction point: Ø 180 mm
Extraction volume: 400 m³/h
Collecting tank: 60 liters

↳ HR 3000 Automatic Spray Gun Washer

000453
Automatic spray gun washer with capacity for two spray guns. Equipped with fluid pumps, cleaning brushes and cleaning nozzle for final rinsing of spray gun with clean fluid. During the automatic cleaning process you can clean a spray gun manual on the working platform. The cleaning process stops automatically when you open the lid. Only driven by max. 4 bar compressed air.

Dimensions: 158 x 84 x 60 (H x W x D)
Working height: 105 cm
Weight: 70 kg
Extraction point: Ø 180 mm
Extraction volume: 400 m³/h
Collecting tank: 60 liters

↳ Micro Cleaner HR 1000

000457

Is a wall manual stainless steel washing tank, ideal for the manual cleaning of putty spreaders and small pieces. Equipped with a cleaning brush and automatic circulation of fluid. Suitable to be used with the special Hamach cleaning fluid (009819). All you need is a connection to a compressed air line and fill the special cleaning fluid in the tank of the HR 1000. Ready to use by opening the front flap. The front flap is also the cleaning table and when you close the flap the rest of the cleaning fluid flows back into the tank. The Micro 1000 can be connected to a steam extraction line. The Micro 1000 is developed for wall mounting and has a drain cock to drain the dirty cleaning fluid. Dimensions: 46 x 19 x 53 cm (H x W x D). Tank content: 7 l. Extraction point: Ø 80 mm.



↳ Cleaning Fluid HR 1000

009819

This is a cleaner, very active and only made with biodegradable products. Suitable for cleaning polyester mastic, two-component polyurethanes, water-based and solvent-based paints, clear coat as well as various kinds of adhesives from spreaders, rules, etc. Environmentally friendly, does not produce vapours. 10 liter can.



D Waste Disposal

Paint waste container

Special waterproof waste containers for paint waste and solvent products. You can place leftover paint and solvents upside down inside this container and close it. Liquids will leak into two different cans underneath. Any hazardous vapours will be extracted from the container through an exhaust duct. It is the perfect solution for paint waste from tins, cups, etc. There are three different options depending on the sizes of the paint tins and solvent packaging and different lids (automatic or manual). Complies with environmental standards and regulations.



↳ Manual Paint Waste Container

000458

Dimensions: 100 x 60 x 122 (H x W x D)
Extraction volume: 100 m³/min
Weight: 71.5 kg
Extraction point: Ø 80 mm



↳ Pneumatic Paint Waste Container

000459

Dimension: 90 x 61 x 128 (H x W x D)
Extraction volume: 100 m³/h
Weight: 50 kg
Extraction point: Ø 80 mm.



↳ HIGH Model Paint Waste Container

000471

Dimensions: 90 x 60 x 128 (H x W x D)
Extraction volume: 100 m³/h
Weight: 50 kg
Extraction point: Ø 80 mm

045901

30 liters can for Paint Waste Containers

All products from HAMACH

E Stick & Go



↳ Stick & Go

676010 (60 cm x 10 m)
676025 (60 cm x 25 m)
6710025 (100 cm x 25 m)

A white self-adhesive foil for the quick and efficient protection of surfaces in the mixing room, spray booth floors, stainless steel table tops and paint mixing areas. Resists chemical solvents, bases and acids. Very easy to apply and cut, is very strong and the ribbed anti-slip surface provides extra safety. Per roll.



bit.ly/1AYWqKD
Watch video!

F Miscellaneous



Waste Bin

5471 (50 liters)

Synthetic waste bin for the safe disposal of solvent-saturated cleaning cloths or inflammable material. Lid opening through pedal to avoid contact with hands. Prevents waste from self-igniting. OSHA approval.

A product from **Colad**
an EMM product



Waste Bin 250 L

000469

This is a waste bin specially designed to go with all RVS furniture. The front opening extends the table size. Use it with normal 250 liters plastic bags. Waste box volume: 250 liters.

A product from **HAMACH**
an EMM product



Computer Scale Table

000468

Computer scale table with vapour extraction. Adjustable height to keep your computer scale stable.

Dimensions: 60 x 45 x 125 cm (H x W x D)
Extraction point: Ø 180 mm
Extraction volume: 30 m³/h
Weight: 18 kg

A product from **HAMACH**
an EMM product



URS 600 Rebuilding Unit

000821

This is an electric solvent recycler with 20 liter capacity. Explosion proof and does not require thermal oil or water which makes it practically maintenance free. The waste is collected in a teflon bag and after each recycling process has to be disposed of in accordance with local contamination regulations. Considering the costs of purchase and disposal of solvents, this unit is the most economical solution.

082199

Disposable Teflon bag for waste. Per 10 bags.

A product from **HAMACH**
an EMM product

Workspot

Proper workspot organisation is a source of profitability. EMM offers solutions to improve the productivity in each process. Trestles for different parts, platforms for working in elevated areas, handy cars to hold all paint accessories or sanding material, a parts car and a sanding seat make your team more efficient. You will also find cleaning depots, a Venturi and a strong paper press to reduce waste.

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A Mobile Cabinets



Partscar

000525

For collecting and storage of dismantled car parts during repair, e.g. bumpers and doors. Large storage space. Mixing cup holders for collecting small parts as screws and lamps. Dimensions: 109 x 76 x 166 cm (H x W x D). Per piece. Not assembled.



Sanding Cart

000529

A workstation for storing products or equipment. Suitable for sanding or polishing materials. Supplied with antislip material and drawer lock. Fitted with 4 strong wheels. Per piece not assembled.

052911 Standard: Holder for garbage bag.
052912 Standard: Holder for 4 spray cans.

B Spray and Sanding Standards



Trestle

7080

A workshop trestle for placing bumpers and doors on, for either preparation or painting. Sturdy construction and lightweight. Adjustable working height. Equipped with rubber buffers. Can be used on grid floors. Dimensions: 116 x 70 cm (45.5 x 27.5"). Per piece.

A product from **Colad**
an emm product



H Trestle

000651

Accordion trestle which lets you quickly and easily create a flexible sanding area. Equipped with 2 separately adjustable bars and 4 castors with brake. The replaceable foam holders provide protection for the sanding object.

065101 Option: Set Foam sponges

B Spray and Sanding Standards



HLS 93

000672

To paint all kinds of parts safely and to paint both sides at once. Robust, solid, strong and easy to move. Additional accessories available if required. Dimensions: 210 x 140 x 170 cm. Per piece, not assembled, with 8 bars.

Optional:



Clamp 10 cm

067221

Clamp 20 cm

067222

Clamp 30 cm

067223



Mirror holder

067224



Wheel rim holder

067225



Table without clamps

067226



X-Bok

000827, 000840 (with bumper holder)

Sand / Spray Trestle. Universal trestle. Adjustable in different heights and 4-point support for large parts. Per piece.



PS 4

000826

A practical set of work stays to support boot lids, bonnets and doors during preparation. Per set of 3 lengths in a box.



Aluminum Working Platform

709040 (H 34 cm)
709050 (H 44 cm)

A working platform for when working at height or difficult angles. Very stable, with anti-slip profile. For use on grid floors. Max. weight: 125 kg. Dimensions (H x W x D) : 90 x 40 x 34 cm (35.5 x 15.5 x 13.5") and 115 x 50 x 44 cm (45.5 x 19.5 x 17.5"). Per piece.



Working Seat

000528P

Provides a comfortable working position especially when working at difficult angles. Universal seat with gas spring. Large seat area. Adjustable in height. Self assembly required. Per piece. Not assembled.

C Presses

Responsible waste disposal is very important to maintain a clean and healthy working environment. As a company that works with disposables you are coping with a large amount of waste. To reduce the size of paper, plastic or tins Hamach offers a range of professional pneumatic bale presses. Ideal to lower your waste volume easy and fast.

- Compact bales for easier disposal
- Pneumatic so no manpower needed
- Compact and easy to use



➤ Bale press

7000

Pneumatic paper and plastic press. Reduces waste volume substantially. Provided with a water separator and safety system that prevents you from opening the pressing room while operating. In accordance with: EN 13736 : 2003 + A1 : 2009. Pressure 8 - 10 bar (115 - 145 PSI). Press dimensions: 66 x 68 x 151 cm. Ready to use: incl. 2 rolls of cord.

7010
Ball of cord.



➤ Buggy 30

000802

Press for tins, paper and plastic foil. Suitable for tins up to 30 l, paper and plastic foil. Press cylinder with a compressing force of 650 kg. Provided with a safety system that prevents you from opening the pressing room while operating. In accordance with: EN 13736 : 2003 + A1 : 2009. Max. 10 bar – 20 l / Pressure. Dimensions 185 x 55 x 55 cm. Per piece.



➤ Buggy 10

000841

Press for tins. Suitable for normal cans up to max. 10 l. reduces volume up to 85%. Press cylinder with a compressing force of 450 kg. Max. 10 bar – 20 L / Pressure. Provided with a safety system that prevents you from opening the pressing room while operating. In accordance with: EN 13736 : 2003 + A1 : 2009. Dimensions 104 x 35 x 33 cm. Per piece.

000842

Stand for Buggy 10, for an ideal height.



D Hoses



➤ High Pressure Hose PU/TPR

9110 (8 x 12 mm and 100 m roll)
9111 (10 x 15 mm and 60 m roll)

Compressed air hose recommended for paint jobs: strong and lightweight. Reinforced with polyester. Working pressure 20 bar, bursting pressure 60 bar. Per meter.



➤ Hose Cutter

9119

For safely cutting high pressure air hose.

All products from **Colad**
an emm product

E Paint Equipment



➤ Venturi

000659

The Venturi provides air flow to reduce paint drying time. The use of the Venturi on water-based paint systems reduces the program run of the spray cabins saving time and energy. The air flow is adjustable and the filters in each gun ensure dust-free air. It is adjustable in height and sideways. Per piece.



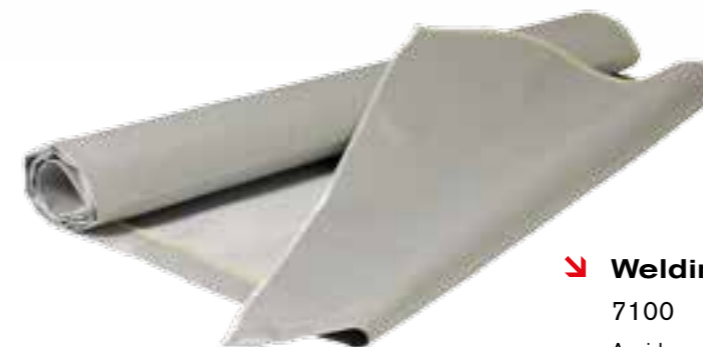
➤ Single Venturi Gun

065901

Per piece in a box.

All products from **HAMACH**
an emm product

F Welding Blanket



➤ Welding Blanket

7100

Avoids scorching stains from welding-sparks. Made of glass fibre. Fitted with magnets. Vertical application only. Dimensions: 200 x 115 cm. One blanket in a box.



Equipment

High quality equipment, such as central dust extraction and a variety of tools are essential in achieving the best results possible. Delivering high quality equipment is what makes EMM unique. We make sure you are equipped for years to come. Personal fitted advice and lifelong guarantee are two of our main services.

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Hamach Central Vacuum

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- ↘ Safe and soundless in use
- ↘ Proven high quality and durability
- ↘ Powerful and constant dust extraction of fine and coarse dust
- ↘ High performance dust filters
- ↘ For compact and flexible to exacting industrial use
- ↘ Installation and maintenance by our service teams
- ↘ High efficiency
- ↘ Savings in the use of abrasives



Service and Quality

EMM strengthens its dealers and end users through co-entrepreneurship. Together with them, we are able to continually improve our HCV range. With more than 13 million working hours in HCV and an experienced service team we can truly offer you the highest quality and excellent service worldwide.

- Over 30 years of experience worldwide (more than 13 million working hours).
- Custom made solution that exactly fits your demands.
- Experience in both industrial customer (24/7) and smaller customers.
- Installation on the spot.

- Service and maintenance by our experienced HCV team.
- Warranty included, possibility to expand with specific warranty packages.



Efficiency and Durability



- Built in filter cleaning system provides continuous power and suction.
- Saving of abrasives (up to 20%).
- Longer lifetime of your sanding machines.
- Contributes to a healthy working environment.



Safety

EMM knows how important safety is to you as the health of your employees and the quality of your work depends on it. For that matter we make sure our HCV range complies with international safety regulations as well as offering the highest level of quality.



CE safety regulations

All our HCV units and parts comply with the European Economic Area regulations. This is our declaration that our products meet the requirements of the applicable EC directives.



ATEX 95

In areas with risk of explosion, special equipment must be used. Since the start of 2014 our HCV systems are available (optional) with ATEX (Atmosphères Explosibles) certification, which means that they can be used in these specific areas. You can recognize our ATEX certified products by the Epsilon x logo in a hexagonal.



Optional: ATEX blast cover offers an exit for explosion, preventing total machine destruction.



Innovation

The black box

Meet the black box, the brain of your HCV system. This box keeps track of the HCV working hours. It automatically shuts down on weekends or when you leave the company at 6 'o clock. This major energy saver makes sure you don't have to think about shutting down your unit any more. This way you can focus on the important stuff and still save energy.

- Star Delta Control
- Filter Cleaning management
- Operational hour counter
- 3 Week time switch programmes
- Multiple Start programmes, with / without extended running time
- Operational time frame blocks (for example weekends)
- Manual – Automatic operations



Frequency regulator

Optional Frequency regulator (possibility of saving up to 70% on energy or upgrade the power by 25%).



Your HCV system

All HCV systems are custom made for each specific customer. Depending on the size of your company, requirements and budget, our experts build you your own HCV installation. In short each HCV system consists of 3 specific parts:



"The systems we offer are designed specifically with the user's requirements in mind. Our experts will select the most adequate products to meet your specific needs."

Central Vacuum Unit

Each HCV system starts with one of Hamach's central vacuum units. This may vary from a small and portable HCV 410 HQ, suitable for 4 extraction points up to a industrial HCV 15.000 TQ suitable for 16 extraction points.

Piping

The chosen Central Vacuum will be equipped with the requested pipework. This way you will have access to central dust extraction at the exact requested points.

Extraction points

So now you have pipework available at your workstation. For easy access we equip every work station with the extraction points of your choice. This may vary from simple wall- or ceiling-mounted extraction points up to swing arms combined with Energy boxes.

Let's take a look inside

Now that you have seen the complete system, let's meet the inside of your Central Vacuum Unit.

Filters

The smart filter system of HCV makes sure that you are always working in the best possible circumstances, preventing health issues and guaranteeing a perfectly prepared surface. The automatic filter cleaning system prevents loss of pressure.



Waste Bin

The HCV waste bin fits perfectly to keep the inside of your unit clean and dust-free. It has a large volume and is easy to empty.



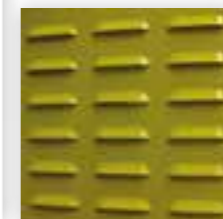
Engine

The powerful engines of HCV have proven to have a lifetime of over 20 years. They are strong enough to provide all your work places with the requested dust extraction 24/7 if necessary.



Housing

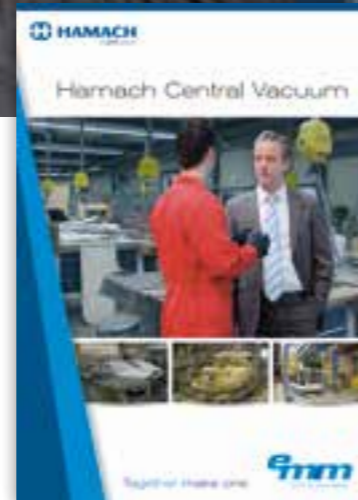
The solid yellow HCV housing provides easy access to the inside of the unit. It is supplied with vent holes to prevent over-heating of the unit.



Base

The strong base of the unit makes sure that the unit is stable and prevents shaking and strumming.





Product Ranges

The core of your HCV system is your Central Vacuum Unit. This unit provides you with the requested dust extraction when needed. Hamach's Central Vacuum Unit's are divided into three specific ranges. Each range matching a different capacity.



High Quality

- ↘ Small / Middle company
- ↘ Variety of usage during the working day
- ↘ For average running hours of max 8 hours per day
- ↘ 1 - 6 work stations



Excellent Quality

- ↘ Middle / Large company
- ↘ Variety of usage during the working day
- ↘ For user times up to 12 hours per day
- ↘ 1 - 8 work stations



Top Quality

- ↘ Industry / Large company
- ↘ Continuous professional use (24/7)
- ↘ 1 - 16 work stations



A High Quality

High Quality extraction turbine for duct piping of max. 90 meters. Suitable for normal, professional use in the medium and small companies. Standard 12 months guarantee.



↘ HCV 410 HQ

Central Vacuum with a 4 kW/400 V cyclone. Sufficient for max. 4 sanding workers and a pipeline of max. 30 m. Ideal for multiple working areas in one hall. Can be installed in combination with swing arms, energy boxes or simple connections. With manual filter cleaning.

↘ HCV 410 HQ A

Same capacity as the HCV 410 but with automatic filter cleaning.

↘ HCV 510 HQ

Central Vacuum with a 5.5 kW/400 V cyclone. Sufficient for max. 5 sanding workers and a pipeline of max. 70 m. Ideal for multiple working areas in one hall. Can be installed in combination with swing arms, energy boxes or simple connections.

↘ HCV 610 HQ

Central Vacuum HQ with a 5.5 kW/400 V cyclone. Sufficient for max. 6 sanding workers and a pipeline of max. 90 m. Ideal for working areas in adjacent rooms. Can be installed in combination with swing arms, energy boxes or simple connections. With automatic filter cleaning.



↘ HCV 23015 HQ

A compact cyclone 1.5 kW (230 V) with filter cleaning. Manual + automatic switch on/off for pneumatic and electric sanding tools. Developed for one sanding place. Equipped with two 230 V sockets, two compressed air connections for pneumatic sanding tools and double dust extraction connection. Including hanger for wall mounting.

Technical data	410 HQ	410 HQ A	510 HQ	610 HQ	23015 HQ
Max. extraction points	4	4	5	6	2
Volt (V)	400	400	400	400	230
Air Flow (m3/h)	300	300	550	550	250
Air Flow (L/min)	5000	5000	9166	9166	4166
Under pressure (Kpa)	20	20	26	26	17
Under pressure (m. bar)	200	200	260	260	170
Power (KW / HP)	4 / 5,5	4 / 5,5	5,5 / 7,5	5,5 / 7,5	1,5 / 2,1
Number of motors	1	1	1	1	1
Air pressure (bar)	-	5	-	5	-
Weight (kg)	100	100	160	180	68
Dimensions LxWxH (cm)	112 x 62 x 96	112 x 62 x 96	138 x 68 x 110	138 x 68 x 110	61 x 70 x 102
Noise level (dBa)	70	70	80	80	70
Filter	molton and nylon	polyester	molton and nylon	polyester	polyester
Filter surface (m²)	0,5	1	0,5	2,8	0,75
Automatic filter cleaning	no	yes	no	yes	no
Container volume (L)	35	35	70	70	33
Pipeline network (Mtr.)	± 20-30	± 20-30	± 30-70	± 30-70	± 0-10
Switch box	standard	optional	optional	standard	-



B Excellent Quality

Excellent Quality extraction turbines for duct piping of max. 110 meters. Suitable for industrial use with varying number of users throughout a working day. Also applicable at medium / large companies. Standard with 12 month guarantee, can be extended with a maintenance contract to max. 36 months.



➤ HCV 4000 EQ

Central Vacuum EQ with a 4 kW/400 V cyclone. Sufficient for max. 5 sanding workers and a pipeline of max. 70 m. Including switch panel. Ideal for working areas in adjacent rooms. Can be installed in combination with swing arms, energy boxes or simple connections.

➤ HCV 7000 EQ

Central Vacuum EQ with 2 x 4 kW/400 V cyclones. Sufficient for max. 8 sanding workers and a pipeline of max. 110 m. Including switch panel. Ideal for a working area with variable number of workers (3 - 8) during the day. The 2 cyclones switch on/off depending on the number of workers connected and only use the energy needed, saving money every day. Can be installed in combination with swing arms, energy boxes or simple connections.

Technical data	4000 EQ	7000 EQ
Max. extraction points	1-5	6-8
Volt (V)	400	400
Air Flow (m3/h)	315	630
Air Flow (L/min)	5.250	10.500
Under pressure (Kpa)	26	26
Under pressure (m. bar)	260	240
Power (KW / HP)	4 / 5,5	2 x 4 / 2 x 5,5
Number of motors	1	2
Air pressure (bar)	5	5
Weight (kg)	270	325
Dimensions LxWxH (cm)	135x60x150	135x60x150
Noise level (dBa)	70	74
Polyester non woven filters	6 x 0,8 m ²	6 x 0,8 m ²
Filter surface (m ²)	4	4
Automatic filter cleaning	yes	yes
Container volume (L)	50	50
Pipeline network (Mtr.)	± 40-70	± 70-110
Switch box	standard	standard



C Top Quality

Top Quality dust extraction turbines for duct piping of max. 180 meters. Suitable for 24 hour operating in industry or large companies. Standard with 24 months guarantee, can be extended with maintenance contract to max. 60 months.



➤ HCV 8000 TQ

Central Vacuum. TQ models represent the highest quality in the market. 1 x 7.5 kW/400 V cyclone. Sufficient for max. 8 sanding workers and a pipeline of max. 120 m. Ideal for industrial use, in continuous use (24 hours a day). Can be installed in combination with swing arms, energy boxes or simple connections. Frequency regulator optional.

➤ HCV 15000 TQ

Central Vacuum. TQ models represent the highest quality in the market. 1 x 12.5 kW/400 V cyclone. Sufficient for max. 16 sanding workers and a pipeline of max. 180 m. Industrial use, in continuous use (24 hours a day). Can be installed in combination with swing arms, energy boxes or simple connections. Frequency regulator optional.

Technical data	8000 TQ	15000 TQ
Max. extraction points	7-8	8-16
Volt (V)	400	400
Air Flow (m3/h)	650	1100
Air Flow (L/min)	10.833	18.333
Under pressure (Kpa)	26	26
Under pressure (m. bar)	260	260
Power (KW / HP)	7,5 / 10	12,5 / 16,5
Number of motors	1	1
Air pressure (bar)	5	5
Weight (kg)	400	600
Dimensions LxWxH (cm)	142x75x160	188x95x190
Noise level (dBa)	73	74
Polyester non woven filters	6 x 600mm	9 x 600mm
Filter surface (m ²)	4,8	7,2
Automatic filter cleaning	yes	yes
Container volume (L)	70	150
Pipeline network (Mtr.)	± 80-120	± 100-180
Switch box	standard	standard



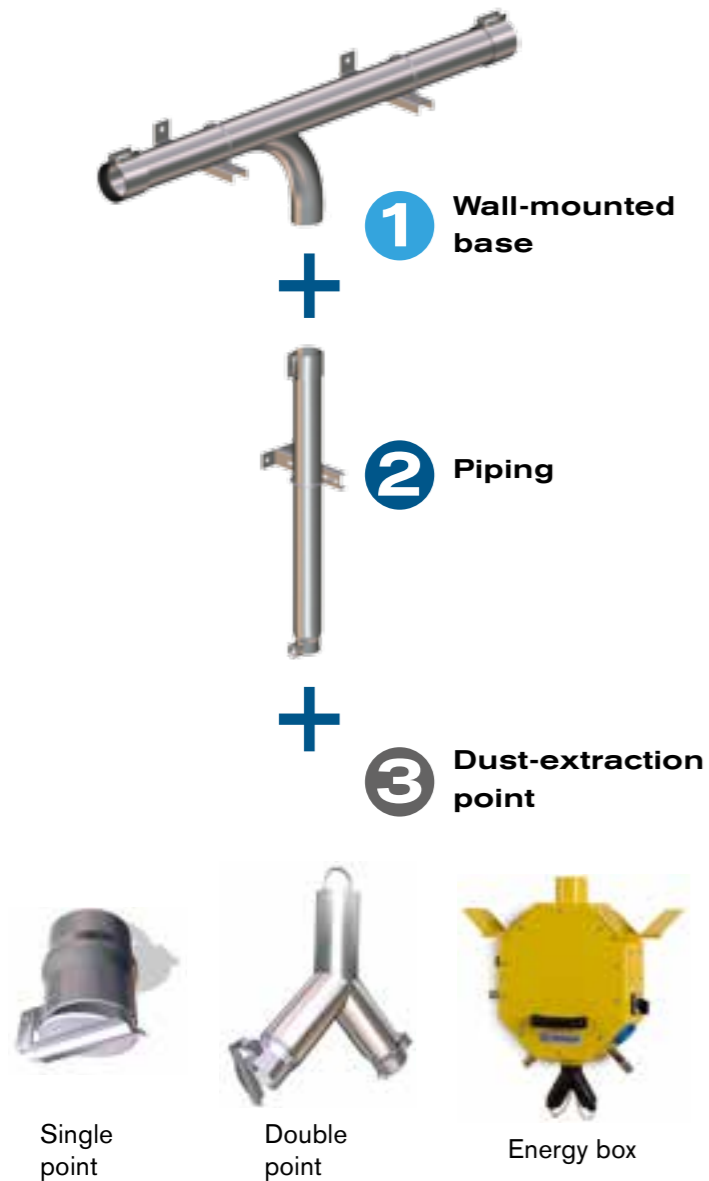
Extraction Points

To get the most out of your Central Vacuum Unit, you can choose your custom extraction points. All kind of points are available. First choose your mounting: wall-mounted, ceiling-mounted or swing arms.

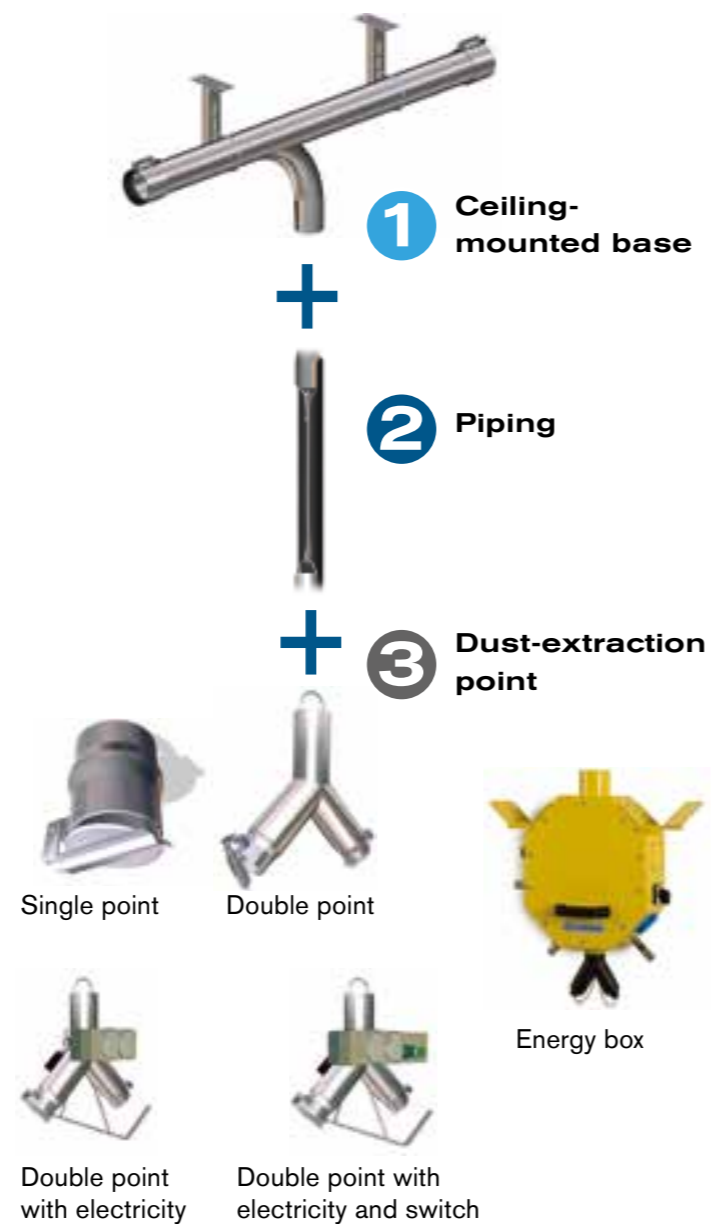
Ready? Then pick your connectors: single, double or one of our four types of energy boxes. A tailor made tubing system, can range from a full automatic system with swing arms

& Energy boxes, to a simple single / double connection system. Making it possible to create a dust extraction solution for each situation and each budget. Simple (low investment) or fully automatic, the basis value always complies (no compromise in quality), a simple (low investment) tubing system has the same durability as a more complicated fully automatic system.

D Wall-mounted



E Ceiling-mounted



F Swing Arms

Ideal for a big scope in a flexible workspace. If necessary, combine with one of Hamach's Energy Boxes.

- **Swing Arm HSA 625**
Swing arm HSA 625 equipped with an unique balanced gear transmission. Manual/Automatic on/off switch for compressed air or electric sanding tools. 6 m. length incl. 3 compressed air connections, 2 electric sockets 230 V, 1 double dust extraction connection and a lamp. This swing arm gives you a range of 8 - 12 m in your working area and all connections for energy and dust extraction in direct operating reach.
- **Swing Arm HSA 625 P**
The same as Swing Arm HSA 625 but with Pneumatic Automatic switch.
- **Swing Arm HSA 625 C**
Swing arm HSA 625 C equipped with an unique balanced gear transmission. A length of 6 m. Can be operated with a Hamach Energy box. To be combined with one of Hamach's Energy Boxes.



G Energy Box

Together with the sectional wall and ceiling systems these extraction points form a single unit. The single and double extraction points can be extended with 2 power sockets, 2 compressed air connections, a suspension device for the sander and a switch for operating the turbine.



- **EB Basic**
Energy box with manual on/off switch for compressed air sanding tools or electric sanding tools. Including 3 compressed air connections, 2 electric sockets 230 V and 1 double dust extraction connection. Can be connected to a swing arm, suspended from the ceiling or fixed to the wall.
- **EB Basic + 380V**
The same as the EB Basic with an additional 380 V connection integrated in the energy box. Can be connected to a swing arm, suspended from the ceiling or fixed to the wall.
- **EB Matic**
Energy box with automatic on/off switch for compressed air sanding tools or electric sanding tools. Including 3 compressed air connections, one of these without automatic on/off switch, 2 electric sockets 230 V and 1 double dust extraction connection. Can be connected to a swing arm, suspended from the ceiling or fixed to the wall.
- **EB Matic + 380V**
The same as the EB Matic with an additional 380 V connection integrated in the energy box. Can be connected to a swing arm, suspended from the ceiling or fixed to the wall.



H Accessories

To complete your HCV station, we offer a range of hose and machine holders which are suitable to attach to walls or swing arms.



- **Hose stand (wall)**
- **Sanding machine stand (wall)**
- **Spray gun stand (wall)**
- **Hose stand (swing arm)**
- **Sanding machine stand (swing arm)**
- **Spray gun stand (swing arm)**

I Filters

Optimum dust extraction asks for top range filters. All HCV systems contain these filters when delivered and installed. To maintain proper extraction we offer a wide variety of filters suitable for all HCV stations.



- **Filters HCV 410 HQ**
Filter capacity: 99.9%
- **Filters HCV 410 HQ A**
Filter capacity: 99.9%
- **Filters HCV 510 HQ**
Filter capacity: 99.9%
- **Filters HCV 610 HQ**
Filter capacity: 99.9%
- **Filters EQ / TQ Turbine**
Filter capacity: 99.9%

Ronin Tools

Ronin Tools are high quality hand tools developed according to the needs, wishes and experience of the professional users for assembly and disassembly jobs. Supplied in single items, practical sets, handy carrying cases or complete stations. You will find all the necessary tools for your particular job. Ronin tools not only carry a life-time warranty but are also very comfortable to use and give maximum performance.

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RONIN TOOLS
an *emm* product

A Toolstation

The Ronin Toolstation is a robust and practical tool trolley for every professional job. You can choose either of the two ready-made configurations or you can configure it yourself by adding your own selection of tool sets. Exclusive for users of Ronin Toolstations is the possibility to Pimp your Tool Station with a personal nameplate. Put your name or other text on the nameplate. You can put anything up to a maximum of twenty characters.

- ↘ **Equipped with 8 drawers on ball bearing slides guarantee easy opening.**
- ↘ **Four big, strong rubber wheels guarantee mobility on every surface.**
- ↘ **Provided with a system that allows you to open one drawer at the time which prevents the Toolstation from falling over.**
- ↘ **The central lock ensures security of your tools at all times.**



↘ **Empty Toolstation**
10.001.000



↘ **Spray can holder**
10.000.001
Easy to mount with two included screws. Holes are already present in every Ronin Toolstation.



↘ **Pimp Your Toolstation**
Design your own exclusive nameplate to personalize your Ronin Toolstation.

A Toolstation

143-pieces Toolstation

10.002.143

Ronin Toolstation filled with a basic assortment of 143 pieces Ronin tools. This includes various drive sockets in 1/4" and 1/2". A hammer, grip pliers, adjustable wrenches, multiple screwdrivers and a variety of T-handle Hex Keys.



Filled with the following inlays:



Slotted screwdriver inlay

15.440.000
4 - 8 mm (5pcs)



Philips screwdriver inlay

15.430.000
PH0 - PH3 (6 pcs)



T-handle hex key inlay

15.620.010
2 - 12 mm (10 pcs)



Ratchets inlay
1/4" - 1/2"

30.001.015
Ratchets + accessories
1/4" - 1/2" (15 pcs)



Drive socket inlay 1/2"

30.001.028
10 - 32 mm / E12 - E43 (28 pcs)



Drive socket inlay
1/4" + 1/2"

30.001.052
4 - 13 mm / bits slotted - Phillips - Pozidriv - Torx - Hex (52 pcs)



Pliers inlay

20.420.000
Diagonal cutting pliers 160 mm / Combination pliers 180 mm / Long nose pliers 200 mm (3 pcs)



Pliers / Adjustable wrench inlay

20.430.000
Pliers combi inlay 3 pcs Water pump pliers 240 mm / Round nose grip pliers 250 mm / Adjustable wrench 200 mm (3 pcs)



Combination wrench inlay

25.310.018
6 - 23 mm (18 pcs)



Hammer + Grip pliers inlay

45.250.000
Engineers hammer 500G - nylon hammer - round nose grip pliers (3 pcs)

A Toolstation

271-pieces Toolstation

10.002.267

Ronin Toolstation comes with a 271 pieces assortment. These 271 pieces are versatile products; you always have the right tool for the job at hand. The introduction of combination socket sets, from 1/4" - 3/8" and 1/2" drive sockets and ratchets; there is something for every job. In this station you can find double-end flexible socket wrenches and a complete set of thin sided impact sockets that assist you with every automotive task.



Filled with the following inlays:



Complete screwdriver inlay

15.460.000
Slotted - Pozidriv - Phillips - Torx - Resi-Torx (33 pcs)



T-bar nut driver inlay

15.500.009
5 - 13 mm (9 pcs)



T-handle hex key inlay

15.620.010
2 - 12 mm (10 pcs)



Circlip / waterpump plier inlay

20.320.000
4 circlip pliers / adjustable wrench / waterpump pliers (6 pcs)



Pliers inlay

20.350.000
Side cutting / long nose straight / long nose bent / combination / round nose / flat nose / wire stripping (7 pcs)



Combination wrench inlay

25.210.018
6 - 23 mm (18 pcs)



Ratchet type combination wrench inlay

25.220.012
8 - 19 mm (12 pcs)



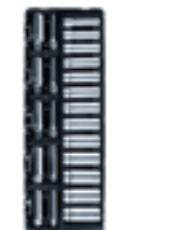
Flexible socket wrench inlay

25.700.007
6 x 7 - 18 x 19 mm (double end) (7pcs)



Ratchets inlay 1/4" - 1/2"

30.001.015
Ratchets + accessories
1/4" - 1/2" (15 pcs)



Drive deep socket inlay 3/8"

30.001.023
8 - 22 mm / 3/8" - 13/16" (23 pcs)



Drive socket inlay 3/8"

30.001.026
8 - 22 mm / 3/8" - 13/16" / 3/8" ratchet + accessories (26 pcs)



Drive socket inlay 1/2"

30.001.028
10 - 32 mm / E12 - E43 (28 pcs)



Drive socket inlay 1/4" + 1/2"

30.001.052
4 - 13 mm / bits slotted - Phillips - Pozidriv - Torx - Hex (52 pcs)



Drive impact socket inlay 1/2"

30.315.000
10 - 32 mm (15 pcs)



Pin-punch inlay

45.080.008
4 pin punches - 1 centre punch - 2 chisels



Hammer + Grip pliers inlay

45.250.000
Engineers hammer 500G - nylon hammer - round nose grip pliers (3 pcs)

B Ronin Kits

To complement your Ronin Toolstation there are kits available in different categories. Pick your task and choose the matching kit to make your job faster and easier.

↳ Ronin Damage Repair Kit

Every damage repair job is cleared in no-time with the Ronin Damage repair kit. This kit contains tools to (de)mount panels. The Grip pliers assure you that everything will stay in place and the kit is also equipped with interior removal tools to help you remove interiors quick and safe.



T-bar nut driver inlay 15.500.009 5 - 13 mm (9 pcs)	Interior removal tools inlay 15.900.500 (5 pcs)	Grip pliers inlay 20.650.000 4 grip pliers - L-keys Resi-Torx + hex (22 pcs)	Files inlay 40.105.000 round - flat - oval files (5 pcs)	Pin-punch inlay 45.080.008 4 pin punches - 1 centre punch - 2 chisels	Panel beating inlay 45.200.005 2 hammer - 3 dollies (5 pcs)
-----------------------------------------------------------	-------------------------------------------------------	------------------------------------------------------------------------------------	----------------------------------------------------------------	-----------------------------------------------------------------------------	-------------------------------------------------------------------

↳ Ronin Mechanic Kit

The indispensable addition for every mechanic. This comprehensive kit contains 3/8" tools for the more advanced tooler. Every job will be done in no-time with these advanced spline, imbus and Torx tools.



Circlip pliers inlay 20.440.000 Internal straight / external straight / Internal bend / external (4 pcs)	Ratchet type combination wrench inlay 25.220.012 8 - 19 mm (12 pcs)	Drive deep socket inlay 3/8" 30.001.023 8 - 22 mm / 3/8" - 13/16" (23 pcs)	Drive socket inlay 3/8" 30.001.026 8 - 22 mm / 3/8" - 13/16" / 3/8" ratchet + accessories (26 pcs)	1/2" spline bit socket inlay 30.615.000 M5 - M18 (16 pcs)	1/2" drive Torx - Hex inlay 30.711.000 hex 5 - 12 Torx 30 - 55 (11 pcs)
----------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------	----------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------	-------------------------------------------------------------------------------

↳ Ronin Wrenches Kit

Do you often use wrenches? This kit assures you that everything you need is always within reach. To complement your wrenches assortment this kit contains offset ring wrenches, flexible socket wrenches, ratchet type combination wrenches and big size combination wrenches.



Big size combination wrench inlay 25.210.004 24 - 32 mm (4 pcs)	Ratchet type combination wrench inlay 25.220.012 8 - 19 mm (12 pcs)	Offset ring wrench inlay 25.330.008 6 x 7 - 21 x 23 (8 pcs)	Flexible socket wrench inlay 25.700.007 6 x 7 - 18 x 19 mm (double end) (7 pcs)
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B Ronin Kits

↳ Ronin Tire Changing Kit

Changing tires quick and easy without damaging the aluminum. This Ronin Tire changing kit contains all the tools necessary. The wheel nut caps conducted with teflon in combination with the pneumatic and adjustable wrenches ensure a safe, fast and damage-free removal.



1/2" drive adjustable torque wrench 30.300.200 40 - 200 NM	1/2" drive pneumatic impact wrench 30.350.100	Wheel nut caps 30.375.005 (5 pcs)
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C Toolcase

↳ Ronin Toolcase

10.200.043

A complete set of Ronin tools for professionals that are "on the road". Fully complete and organised in a compact carrying case.

Includes:

Sockets 3/8":
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 mm

Combination wrench:
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 mm

Screwdrivers:
3x Phillips - 2x slotted

Pliers:
side cutting / long nose / waterpump / grip

Hex Keys:
1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm

Various:
5M measurement tape - saw - adjustable wrench - hammer



D Inlays

↳ Sockets & Ratchets



30.001.028
1/4" & 1/2" drive socket inlay (28 pcs)
10 - 32 mm / E12 - E24



30.001.052
1/4" & 1/2" drive socket inlay (52 pcs)
4 - 13 mm / bits slotted -
Phillips - Pozidriv - Torx - hex



30.001.015
1/4" & 1/2" drive socket inlay (15 pcs)
Ratchets + accessories (1/4" - 1/2")



30.001.023
3/8" drive socket inlay (23 pcs)
8 - 22 mm / 3/8" - 13/16"



30.001.026
3/8" drive socket inlay (26 pcs)
8 - 22 mm / 3/8" - 13/16" / 3/8"
ratchet + accessories



30.001.217
1/2" standard socket inlay (17 pcs)
INCH 3/8" - 1.3/8"



30.001.213
1/2" deep socket inlay (13 pcs) INCH
1/2" - 1.1/4"



30.001.237
1/4" + 3/8" standard + deep socket
inlay (31 pcs) INCH 5/32" - 7/8"



30.315.000
1/2" thin sided impact socket inlay
(15 pcs) 10 - 32 mm



30.615.000
1/2" spline bit socket set standard -
long (16 pcs) M5 - M18



30.711.000
1/2" long Torx & Hex bit socket set
(11 pcs) Hex 5 - 12 / Torx 30 - 55

D Inlays

↳ Wrenches



25.310.018
Combination wrench inlay (18 pcs)
6 - 23 mm



25.210.004
Combination wrench inlay - big sizes
(4 pcs) 24 - 32 mm



25.210.212
Combination wrench inlay (12 pcs)
INCH 1/4" - 15/16"



25.220.012
Ratchet type combination wrench inlay
(12 pcs) 8 - 19 mm



25.220.208
Ratchet type combination wrench inlay
(8 pcs) INCH 5/16" - 3/4"



25.330.008
Ring ring offset wrench set (8 pcs)
6x7 - 21x23 mm



25.700.007
Double end flexible socket wrench
inlay (7 pcs) 6x7 - 18x19 mm



25.440.010
L-type pipe wrench inlay (10 pcs) 6 - 19 mm



D Inlays

↳ Screwdrivers



15.410.000

Pozidriv screwdriver inlay (5 pcs) PZ0 - PZ3



15.420.000

Resi-Torx screwdriver inlay (8 pcs) T8H - T40H



15.430.000

Phillips screwdriver inlay (6 pcs) PH0 - PH3



15.440.000

Slotted screwdriver inlay (5 pcs) 4 - 8 mm



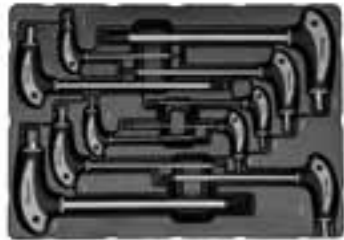
15.450.000

Torx screwdriver inlay (8 pcs) T8 - T40



15.460.000

Screwdriver inlay complete (33 pcs) Slotted - Pozidriv - Phillips - Torx - Resi-Torx



15.620.010

T-bar hex key inlay (10 pcs) 2 - 12 mm



15.500.009

T-bar nut driver inlay (9 pcs) 5 - 13 mm



15.900.500

Interior removing tool set (5 pcs)

D Inlays

↳ Pliers



20.420.000

Pliers inlay 3 pcs. Diagonal cutting pliers 160 mm / Combination pliers 180 mm / Long nose pliers 200 mm



20.430.000

Pliers combi inlay 3 pcs. Water pump pliers 240 mm / Curved jaw grip pliers 250 mm / Adjustable wrench 200 mm



20.440.000

Circlip pliers inlay 4 pcs. Internal straight / external straight / Internal bend / external bend 160/180 mm



20.350.000

Pliers inlay (7 pcs). Side cutting / long nose straight / long nose bent / combination / round nose / flat nose / wire stripping



20.320.000

Circlip pliers inlay (6 pcs). 4 circlip pliers / adjustable wrench / waterpump pliers



20.650.000

Grip plier inlay (22 pcs). 4 grip pliers / extra long keys resi-torx - hex

↳ Hammers / Measurement tools



35.500.010

Measurement / hammer inlay (10 pcs). 2 engineers hammers / death blow hammer / 5 m measurement tape / electronic caliper / hand saw



45.250.000

Hammer inlay (3 pcs). Engineers hammer / death blow hammer / grip pliers



45.200.005

Panel beating tool set (5 pcs). 2 hammers / 3 dollies



45.080.008

Pinn-punch set (7 pcs). 4 pinn-punches / 1 center punch / 2 chisels



40.105.000

Files set (5 pcs)

E Screwdrivers



↘ Screwdriver Set

- 15.301.000 6 pcs (3x slotted / 3x Phillips) (slotted 5,5 - 6,5 - 8 MM + PH0 - PH1 - PH2)
- 15.302.000 6 pcs (3x slotted / 3x Pozidriv) (slotted 5,5 - 6,5 - 8 MM + PZ0 - PZ1 - PZ2)
- 15.303.000 6 pcs (Torx) (T10 - T15 - T20 - T25 - T27 - T30)
- 15.304.000 6 pcs (Torx tamper proof) TR10 - TR15 - TR20 - TR25 - TR27 - TR30



↘ Screwdriver Inlay

- 15.410.000 Pozidriv screwdriver inlay (5 pcs)
- 15.420.000 Resi-Torx screwdriver inlay (8 pcs)
- 15.430.000 Phillips screwdriver inlay (6 pcs)
- 15.440.000 Slotted screwdriver inlay (5 pcs)
- 15.450.000 Torx screwdriver inlay (8 pcs)
- 15.460.000 Screwdriver inlay (33 pcs)



↘ Slotted

- 15.100.040 4.0x100
- 15.100.055 5.5x100
- 15.100.065 6.5x100
- 15.150.080 8.0x150
- 15.038.065 6.5x38 (stubby)



↘ Phillips

- 15.075.100 PH0x75
- 15.075.101 PH1x75
- 15.100.102 PH2x100
- 15.150.102 PH2x150
- 15.150.103 PH3x150
- 15.038.102 PH2x38 (stubby)



↘ Pozidriv

- 15.075.200 PZ0x75
- 15.075.201 PZ1x75
- 15.100.202 PZ2x100
- 15.150.203 PZ3x150
- 15.038.202 PZ2x38 (stubby)



↘ Torx

- 15.075.308 T8x75
- 15.075.309 T9x75
- 15.075.310 T10x75
- 15.100.315 T15x100
- 15.100.320 T20x100
- 15.100.325 T25x100
- 15.100.327 T27x100
- 15.150.330 T30x100
- 15.150.340 T40x150



↘ Resi-Torx

- 15.075.408 T8Hx75
- 15.100.410 T10Hx100
- 15.100.415 T15Hx100
- 15.100.420 T20Hx100
- 15.100.425 T25Hx100
- 15.100.427 T27Hx100
- 15.100.430 T30Hx150
- 15.100.440 T40Hx150

F Hex Keys



↘ Hex Keys Set

- 15.620.010 T-handle hex keys (10 pcs)



- 15.510.010 L-type hex keys ballpoint (9 pcs)
- 15.510.020 L-type Resi-Torx keys (9 pcs)



↘ T-bar hex keys

- 15.620.020 2 mm
- 15.620.025 2.5 mm
- 15.620.030 3 mm
- 15.620.040 4 mm
- 15.620.050 5 mm
- 15.620.060 6 mm
- 15.620.070 7 mm
- 15.620.080 8 mm
- 15.620.100 10 mm
- 15.620.120 12 mm

G T-bar nut drivers



↘ T-bar nut driver set

- 15.500.009 T-bar nut driver set (9 pcs)



↘ T-bar nut drivers

- 15.500.050 5 mm
- 15.500.060 6 mm
- 15.500.070 7 mm
- 15.500.080 8 mm
- 15.500.090 9 mm
- 15.500.100 10 mm
- 15.500.110 11 mm
- 15.500.120 12 mm
- 15.500.130 13 mm

H Wrenches



↘ Combination wrench sets (Metric)

25.210.011
11 pcs (7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm)

25.210.018
18 pcs (6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 mm)

25.210.004
4 pcs big sizes (24 - 27 - 30 - 32 mm)



↘ Combination wrench set (INCH)

25.210.212
12 pcs INCH (1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16")



↘ Combination wrenches (Metric)

25.010.006	6 mm
25.010.007	7 mm
25.010.008	8 mm
25.010.009	9 mm
25.010.010	10 mm
25.010.011	11 mm
25.010.012	12 mm
25.010.013	13 mm
25.010.014	14 mm
25.010.015	15 mm
25.010.016	16 mm
25.010.017	17 mm
25.010.018	18 mm
25.010.019	19 mm
25.010.020	20 mm
25.010.021	21 mm
25.010.022	22 mm
25.010.023	23 mm
25.010.024	24 mm
25.010.027	27 mm
25.010.030	30 mm
25.010.032	32 mm



↘ Combination wrenches (INCH)

25.010.110	1/4"
25.010.120	5/16"
25.010.130	3/8"
25.010.140	7/16"
25.010.150	1/2"
25.010.160	9/16"
25.010.170	5/8"
25.010.180	11/16"
25.010.190	3/4"
25.010.200	13/16"
25.010.210	7/8"
25.010.220	15/16"

H Wrenches



↘ Ratchet type combination wrench sets (Metric)

25.220.007
7 pcs (8 - 10 - 11 - 13 - 14 - 17 - 19 mm)

25.220.012
12 pcs (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)



↘ Ratchet type combination wrenches (Metric)

25.020.008	8 mm
25.020.009	9 mm
25.020.010	10 mm
25.020.011	11 mm
25.020.012	12 mm
25.020.013	13 mm
25.020.014	14 mm
25.020.015	15 mm
25.020.016	16 mm
25.020.017	17 mm
25.020.018	18 mm
25.020.019	19 mm



↘ Ratchet type combination wrench sets (INCH)

25.220.208
8 pcs (5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4")



↘ Ratchet type combination wrenches (INCH)

25.020.110	5/16"
25.020.120	3/8"
25.020.130	7/16"
25.020.140	1/2"
25.020.150	9/16"
25.020.160	5/8"
25.020.170	11/16"
25.020.180	3/4"

H Wrenches



Ring ring offset wrench sets (Metric)

25.330.008
8 pcs (6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 21x23 mm)



Ring ring offset wrenches (Metric)

25.330.067 6 x 7 mm
25.330.089 8 x 9 mm
25.330.111 10 x 11 mm
25.330.113 12 x 13 mm
25.330.115 14 x 15 mm
25.330.117 16 x 17 mm
25.330.119 18 x 19 mm
25.330.223 21 x 23 mm



Double end flexible socket wrench sets (Metric)

25.700.007
7 pcs (6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm)



Double end flexible socket wrenches (Metric)

25.700.067 6 x 7 mm
25.700.089 8 x 9 mm
25.700.101 10 x 11 mm
25.700.123 12 x 13 mm
25.700.145 14 x 15 mm
25.700.167 16 x 17 mm
25.700.189 18 x 19 mm



Adjustable wrench

25.050.008 Adjustable wrench (8" / 200 mm)



L-type pipe wrench set

25.440.010
8 pcs (6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm)

I Sockets



Socket sets (Metric)

30.142.000 1/4" socket suitcase (42 pcs)
30.250.000 3/8" socket suitcase (50 pcs)
30.353.000 1/2" socket suitcase (53 pcs)



30.001.028 1/2" drive socket inlay (28 pcs)
30.001.052 1/4" & 1/2" drive socket inlay (52 pcs)
30.001.015 1/4" & 1/2" drive socket inlay (15 pcs)
30.001.023 3/8" drive socket inlay (23 pcs)
30.001.026 3/8" drive socket inlay (26 pcs)



1/4" standard sockets (Metric)

30.110.040 4 mm
30.110.045 4.5 mm
30.110.050 5 mm
30.110.055 5.5 mm
30.110.060 6 mm
30.110.070 7 mm
30.110.080 8 mm
30.110.090 9 mm
30.110.100 10 mm
30.110.110 11 mm
30.110.120 12 mm
30.110.130 13 mm



1/4" deep sockets (Metric)

30.120.070 7 mm
30.120.080 8 mm
30.120.090 10 mm
30.120.110 11 mm
30.120.120 12 mm
30.120.130 13 mm

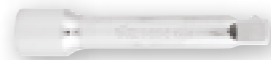


1/4" accessories (Metric)

30.100.010 Ratchet*
30.100.110 Ratchet replacement drive



30.150.020 Flexible extension bar 150 mm



30.150.030 Extension bar 50 mm
30.150.080 Extension bar 100 mm



30.150.060 Universal joint



30.150.050 Sliding T-bar



30.150.070 Spinner handle 165 mm

I Sockets



3/8" standard sockets (Metric)

30.210.008	8 mm
30.210.009	9 mm
30.210.010	10 mm
30.210.011	11 mm
30.210.012	12 mm
30.210.013	13 mm
30.210.014	14 mm
30.210.015	15 mm
30.210.016	16 mm
30.210.017	17 mm
30.210.018	18 mm
30.210.019	19 mm
30.210.020	20 mm
30.210.021	21 mm
30.210.022	22 mm



3/8" deep sockets (Metric)

30.230.008	8 mm
30.230.009	9 mm
30.230.010	10 mm
30.230.011	11 mm
30.230.012	12 mm
30.230.013	13 mm
30.230.014	14 mm
30.230.015	15 mm
30.230.016	16 mm
30.230.017	17 mm
30.230.018	18 mm
30.230.019	19 mm
30.230.020	20 mm
30.230.021	21 mm
30.230.022	22 mm



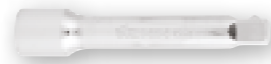
3/8" spark plug sockets (Metric)

30.250.016	16 mm
30.250.018	18 mm
30.250.021	21 mm



3/8" accessories (Metric)

30.220.010	Ratchet*
30.220.110	Ratchet replacement drive



30.220.043	Extension 43 mm
30.220.075	Extension 75 mm
30.220.150	Extension 150 mm



30.220.600	Universal joint
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30.220.700	T-bar
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I Sockets



1/2" standard sockets (Metric)

30.310.100	10 mm
30.310.110	11 mm
30.310.120	12 mm
30.310.130	13 mm
30.310.140	14 mm
30.310.150	15 mm
30.310.160	16 mm
30.310.170	17 mm
30.310.180	18 mm
30.310.190	19 mm
30.310.210	21 mm
30.310.220	22 mm
30.310.240	24 mm
30.310.270	27 mm
30.310.300	30 mm
30.310.320	32 mm



1/2" deep sockets (Metric)

30.320.100	10 mm
30.320.130	13 mm
30.320.170	17 mm
30.320.190	19 mm



1/2" spark plug sockets (Metric)

30.360.040	16 mm
30.360.050	21 mm



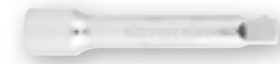
1/2" E-sockets (Metric)

30.350.012	E12
30.350.014	E14
30.350.016	E16
30.350.018	E18
30.350.020	E20
30.350.024	E24



1/2" accessories (Metric)

30.300.010	Ratchet*
30.300.110	Ratchet replacement drive



30.360.020	Extension 125 mm
30.360.030	Extension 250 mm



30.150.090	5/16" bit hold socket
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30.360.060	Universal joint
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30.360.070	3/8" adaptor - T-bar connection
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I Sockets



↘ Socket sets (INCH)

30.001.217	1/2" standard socket set (17 pcs)
30.001.213	1/2" deep socket set (13 pcs)
30.001.237	1/4" + 3/8" socket set (37 pcs)



↘ 1/4" standard sockets (INCH)

30.400.010	5/32"
30.400.020	3/16"
30.400.030	7/32"
30.400.040	1/4"
30.400.050	9/32"
30.400.060	5/16"
30.400.070	11/32"
30.400.080	3/8"
30.400.090	7/16"
30.400.100	1/2"



↘ 1/4" deep sockets (INCH)

30.400.210	5/32"
30.400.220	3/16"
30.400.230	7/32"
30.400.240	1/4"
30.400.250	9/32"
30.400.260	5/16"
30.400.270	11/32"
30.400.280	3/8"
30.400.290	7/16"
30.400.300	1/2"



↘ 1/4" 8-sided sockets (INCH)

30.400.310	1/4"
30.400.320	5/16"
30.400.330	3/8"

I Sockets



↘ 3/8" standard sockets (INCH)

30.210.130	3/8"
30.210.180	7/16"
30.210.140	1/2"
30.210.150	9/16"
30.210.190	5/8"
30.210.160	11/16"
30.210.200	3/4"
30.210.170	13/16"
30.210.210	7/8"



↘ 1/2" standard sockets (INCH)

30.600.010	3/8"
30.600.020	7/16"
30.600.030	1/2"
30.600.040	9/16"
30.600.050	5/8"
30.600.060	11/16"
30.600.070	3/4"
30.600.080	13/16"
30.600.090	7/8"
30.600.100	15/16"
30.600.110	1"
30.600.120	1-1/16"
30.600.130	1-1/8"
30.600.140	1-3/16"
30.600.150	1-1/4"
30.600.160	1-5/16"
30.600.170	1-3/8"



↘ 3/8" deep sockets (INCH)

30.230.130	3/8"
30.230.180	7/16"
30.230.140	1/2"
30.230.150	9/16"
30.230.190	5/8"
30.230.160	11/16"
30.230.200	3/4"
30.230.170	13/16"
30.230.210	7/8"



I Sockets



1/2" deep sockets (INCH)

30.600.200	1/2"
30.600.210	9/16"
30.600.220	5/8"
30.600.230	11/16"
30.600.240	3/4"
30.600.250	13/16"
30.600.260	7/8"
30.600.270	15/16"
30.600.280	1"
30.600.290	1-1/16"
30.600.300	1-1/8"
30.600.310	1-3/16"
30.600.320	1-1/4"



1/2" impact sockets (Metric)

30.315.000 Thin sided impact socket set (15 pcs)



30.375.005 Wheel nut socket set (5 pcs)



1/2" thin sided impact sockets (Metric)

30.315.010	10 mm
30.315.012	12 mm
30.315.013	13 mm
30.315.014	14 mm
30.315.015	15 mm
30.315.016	16 mm
30.315.017	17 mm
30.315.018	18 mm
30.315.019	19 mm
30.315.021	21 mm
30.315.022	22 mm
30.315.024	24 mm
30.315.027	27 mm
30.315.030	30 mm
30.315.032	32 mm



1/2" wheel nut sockets (metric)

30.375.017	17 mm
30.375.019	19 mm
30.375.021	21 mm
30.375.022	22 mm
30.375.024	24 mm

I Sockets



1/4" bit socket Phillips

30.130.101	PH 1
30.130.102	PH 2



1/4" bit socket Pozidriv

30.130.201	PZ 1
30.130.202	PZ 2



1/4" bit socket Torx

30.130.308	Torx T8
30.130.310	T 10
30.130.315	T 15
30.130.320	T 20
30.130.325	T 25
30.130.327	T 27



1/4" bit socket Resi-Torx

30.130.408	T8H
30.130.410	T10H
30.130.415	T15H
30.130.420	T20H
30.130.425	T25H
30.130.427	T27H



1/4" bit socket Hex (Metric)

30.130.503	3 mm
30.130.504	4 mm
30.130.505	5 mm
30.130.506	6 mm



1/4" bit socket Slotted (Metric)

30.130.040	4 mm
30.130.055	5,5 mm
30.130.065	6,5 mm



3/8" bit socket Hex (INCH)

30.230.503	1/8"
30.230.504	5/32"
30.230.505	3/16"
30.230.506	7/32"
30.230.507	1/4"
30.230.508	9/32"



J Bit Sets



1/2" bit sets

- 30.140.001 Bit set complete (16 pcs)
- 30.140.025 Bit set Torx (5 pcs)



1/2" bits Pozidriv

- 30.140.202 PZ2
- 30.140.203 PZ3



1/2" bits Resi-Torx

- 30.140.430 T30H
- 30.140.440 T40H
- 30.140.445 T45H
- 30.140.450 T50H
- 30.140.455 T55H



1/2" bits Slotted

- 30.140.080 8 mm
- 30.140.100 10 mm
- 30.140.120 12 mm



1/2" bits Torx

- 30.140.330 T30
- 30.140.340 T40
- 30.140.345 T45
- 30.140.350 T50
- 30.140.355 T55



1/2" bits Phillips

- 30.140.102 PH2
- 30.140.103 PH3



1/2" bits Hex

- 30.140.508 8 mm
- 30.140.510 10 mm
- 30.140.512 12 mm
- 30.140.514 14 mm

J Bit Sets

1/2" long bit socket sets



- 30.615.000 Spline bits socket set (16 pcs)



- 30.711.000 Long Torx & Hex bit socket set (11 pcs)



1/2" short spline bit socket (20 mm)

- 30.615.005 M5
- 30.615.006 M6
- 30.615.008 M8
- 30.615.010 M10
- 30.615.012 M12
- 30.615.014 M14
- 30.615.016 M16
- 30.615.018 M18



1/2" long spline bit socket (105 mm)

- 30.615.105 M5
- 30.615.106 M6
- 30.615.108 M8
- 30.615.110 M10
- 30.615.112 M12
- 30.615.114 M14
- 30.615.116 M16
- 30.615.118 M18



1/2" long hex bit socket (100 mm)

- 30.711.005 5 mm
- 30.711.006 6 mm
- 30.711.007 7 mm
- 30.711.008 8 mm
- 30.711.010 10 mm
- 30.711.012 12 mm



1/2" long Torx bit socket (100 mm)

- 30.711.030 T30
- 30.711.040 T40
- 30.711.045 T45
- 30.711.050 T50
- 30.711.055 T55



- 30.300.200 1/2" drive adjustable torque wrench 40 - 200 NM



- 30.350.100 1/2" drive pneumatic impact wrench



K Pliers



↘ Pliers sets

20.201.000
3 Pliers (160 diagonal cutting / 180 Combination / 200 Long nose)

20.202.000
3 Pliers (160 diagonal cutting / 180 Combination / 240 Water pump)

20.203.000
4 Pliers (160 diagonal cutting / 180 Combination / 160 Wire Stripping / 200 Long nose)



↘ Combination pliers

20.010.160 160 mm
20.010.180 180 mm
20.010.200 200 mm



↘ Diagonal cutting pliers

20.020.160 160 mm
20.020.180 180 mm
20.020.165 160 mm (Heavy Duty)
20.020.185 180 mm (Heavy Duty)
20.020.205 200 mm (Heavy Duty)



↘ Long nose pliers

20.030.160 160 mm
20.030.200 200 mm



↘ Bent nose pliers

20.040.160 160 mm
20.040.200 200 mm



↘ Round nose pliers

20.050.160 160 mm



↘ Flat nose pliers

20.060.160 160 mm



↘ Wire Stripping Pliers

20.070.160 160 mm



↘ Cable cutting pliers

20.090.160 160 mm
20.090.200 200 mm



↘ Water pump pliers

20.080.240 240 mm

K Pliers



↘ Circlip pliers set

20.252.000
4 pcs circlip pliers set (180 mm)

↘ Circlip pliers



20.252.010
Straight internal (180 mm)



20.252.020
Straight external (180 mm)

20.252.030
Bent internal (160 mm)

20.252.040
Bent external (160 mm)

↘ Grip pliers



20.500.111
Locking C-grip pliers 280 mm (11")



20.500.210
Curved jaws grip pliers 250 mm (10")



20.500.118
Locking C-grip pliers 455 mm (18")

L Hammers



45.010.300 Engineers hammer 300 G
45.010.500 Engineers hammer 500 G



45.050.030 Nylon hammer 30 mm striking face
45.050.130 30 mm replaceable parts



45.080.008 Pin-Punch set 8 pcs



45.080.030 Pin punch 3 mm
45.080.050 Pin punch 5 mm
45.080.070 Pin punch 7 mm
45.080.090 Pin punch 9 mm



45.080.060 Center punch



45.080.120 Chisel 12 mm
45.080.200 Chisel 20 mm

M Panel Beating Tools

45.200.005

Panel beating tools set (5 pcs)



N Measurement Tools



35.100.010

Measurement tape 5M



35.200.050

Digital calliper

O File Set



40.105.000

File set 5 pcs

P Saws



40.200.100

Hack saw (in toolstation including 3 blades)

40.200.105

Hack saw blade (5 pcs)

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