

Together make one



Product Catalogue 2014

Colad
an emm product



HAMACH
an emm product



RONIN TOOLS
an emm product



emm
first in non-paint

Together make one



The key to success is improvement. Achieving constant improvement is all about getting people to cooperate in order to optimise working methods. Our commitment to this goal is exactly what makes EMM unique.

Together make one!

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.



HAMACH



RONIN TOOLS



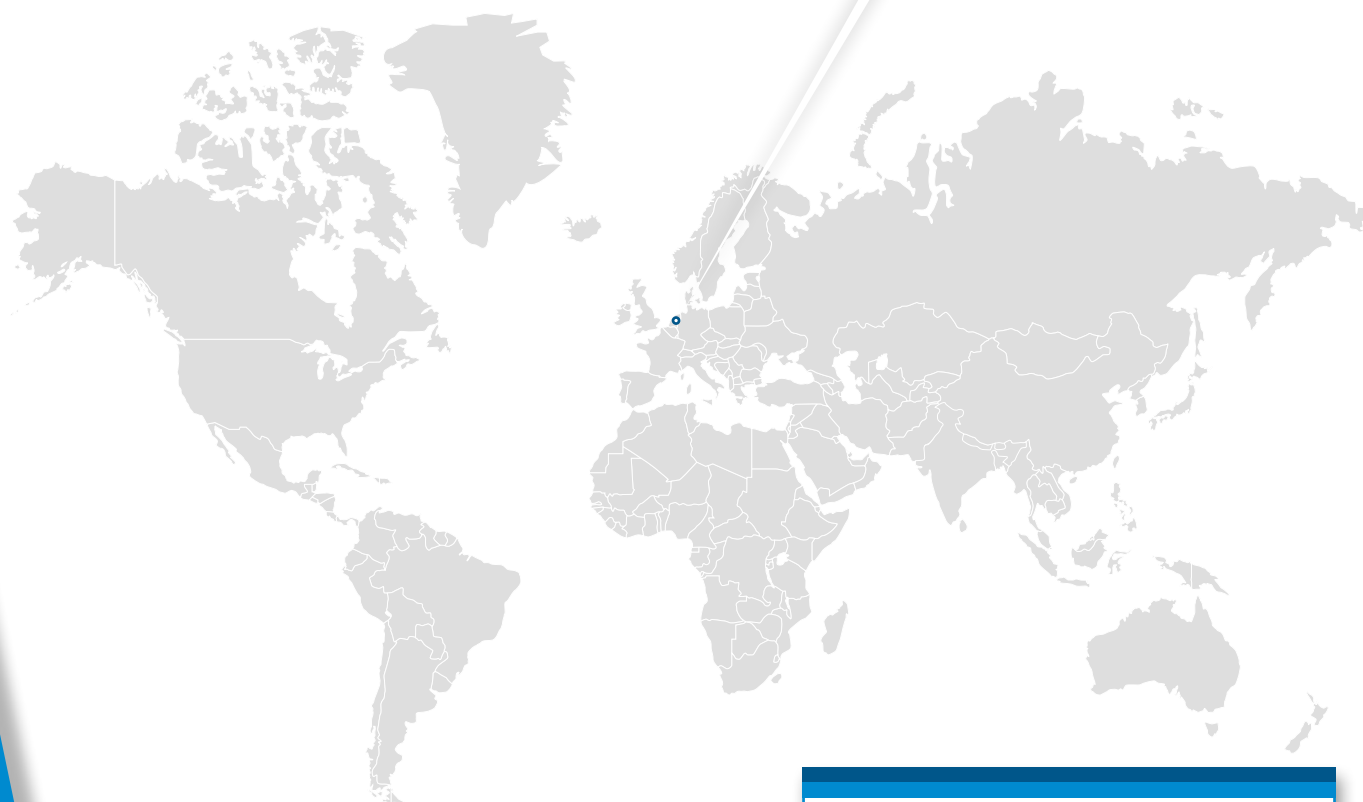
emm
first in non-paint

EMM International BV

EMM is active throughout the world and has its main base in the Netherlands. It also has its own branches in many countries and collaborates on a joint venture basis. Its central theme is the development, manufacture and distribution of goods and disposables for all sectors that use paints on a large(r) scale. EMM's brands are Colad, Hamach, Ronin Tools and Tander. It also supplies products under private label. The organisation strengthens its dealers and end users through co-entrepreneurship. Together, we invent products, ensure that these are used in new sales markets, and work to improve quality of our work and pleasure in work. Together we are stronger.



HEAD OFFICE ZWOLLE (THE NETHERLANDS)



ISO 9001:2008
EMM International BV
is ISO 9001:2008
certified!

BRANCHES:

- The Netherlands
- France
- Germany
- Spain
- Italy
- Poland
- Sweden

MARKETS:



➤ Vehicle Repair



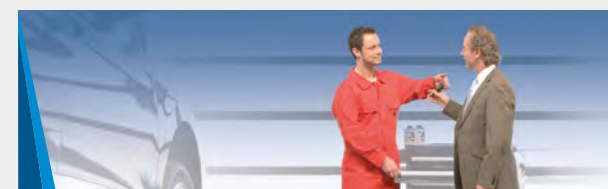
➤ Nautic



➤ Aviation



➤ Industry



Work together

The organisation strengthens its dealers and end users through co-entrepreneurship. EMM is dedicated to support the best choices with each other! According to EMM, achieving constant improvement is all about getting people to cooperate in order to optimize working methods. As a committed coach EMM contributes directly to the success of dealers & end users. Collaboration means participation. Participation leads to better solutions. Solutions for Automotive, Nautic, Aviation or Industry. Together we are stronger!



Innovate together

Success is derived from improvement. EMM invents products, ensures that these are used in new sales markets, and work to improve quality of our work and pleasure in work. 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. Only by listening carefully to what dealers and end-users want, EMM develops new working methods, applications and materials. The possibility to improve continuously is generated by connecting people and optimizing working methods. The involvement in this process makes EMM unique. It supports you in achieving the best professional results possible. Together we increase succes!



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!



Future together

As visionaries, EMM engages passionately in dialogue with its dealers and end users: a dialogue that strengthens everyone and generates learning and improvement. Because improvement is something EMM believes has to be done together!

THE FULL PROCESS IS COVERED:

- Masking
- Sanding
- Machines
- Mobile Vacuum
- Surface Preparation
- Personal Safety Protection
- Maintenance Spraybooth
- Paint Preparation
- Spray Guns
- Polishing
- Adhesives
- Chemicals
- Workshop Equipment
- Hamach Central Vacuum
- Mixing Room Equipment
- Ronin Tools

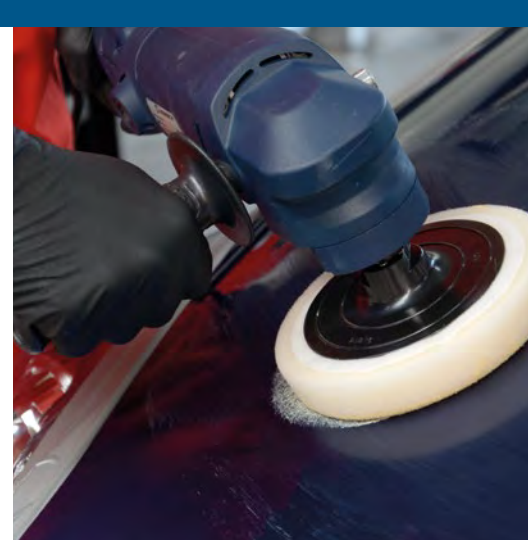
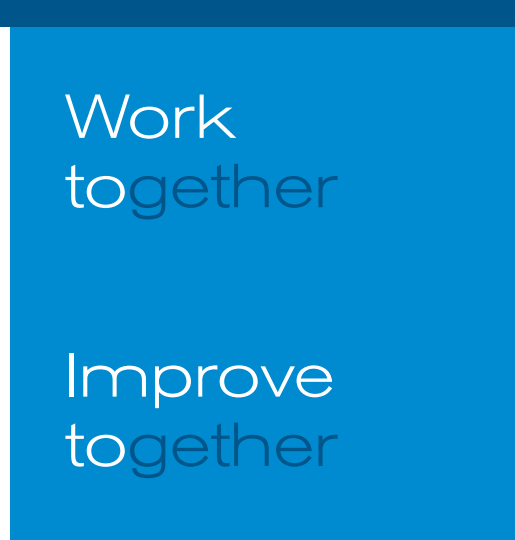
OUR BRANDS:



SHARING KNOWLEDGE



EMM introduces a new international knowledge platform on which all market & customer input and that of others in the sector are brought together. Frequently for educational purposes and sometimes for pleasure. Share knowledge together. The view of the sector, of education and of improvement. EMM has set up and launched for this an International Knowledge & Experience Centre, in which innovation seminars with dealers and end-users take place.



Masking

- A** Plastic Film
- B** Film4Crash
- C** Spray Covers
- D** Accessories
- E** Tapes
- F** Liquid Masking
- G** Aprontapers
- H** Masking Paper

Sanding

- A** Velcro Discs
- B** Accessories
- C** Spot Blaster
- D** Grinding
- E** Waterproof Sheets
- F** Sponges
- G** Dry Sheets
- H** Soft Flex
- I** Foam Sanding Pads
- J** Rolls
- K** Scuff
- L** Prepping Paste
- M** Tackup Pads
- N** Sanding Pads

Machines

- A** Alpha Series
- B** Pneumatic Machines
- C** Electric Machines
- D** Mobile Sanding System

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Mobile Vacuum

- 09 **A** Vacuum Cleaners
- 10 **B** Vacuum Hoses
- 11 **C** Accessories

Surface Preparation

- 12 **A** Pump Spray System
- 14 **B** Cloths
- 14 **C** Spreaders
- 15 **D** Miscellaneous

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Personal Safety Protection

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- 18 **B** Caps
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- 19 **D** Safety Shoes
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- 19 **F** Masks
- 20 **G** Overalls

Maintenance Spray Booth

- 21 **A** Film4Booth
- 21 **B** Stick & Go
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26

Paint Preparation

- 27 **A** PCLS
- 28 **B** Adaptors PCLS
- 31 **C** Turbomix

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- D** Mixing Cups
- E** Filters / Strainers
- F** Spray Samples
- G** Accessories

Spray Guns

Polishing

- A** Polishing Material
- B** Cloths
- C** Foam Pads
- D** Polishing Discs
- E** Spot Repair Polishing System

Adhesives

- A** Plastic Repair
- B** Tapes
- C** Adhesives / Sealants

Chemicals

- A** Undercoating
- B** Guns

Workshop Equipment

- A** Spray and Sanding Standards
- B** Mobile Cabinets
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HCV - Hamach Central Vacuum

- A** TQ - Top Quality
- B** EQ - Excellent Quality
- C** HQ - High Quality
- D** Compact Central Vacuum
- E** Swing Arms
- F** Energy Boxes
- G** Accessories

RVS - Mixing Room Equipment

- A** Work Station
- B** Ventilators
- C** Waste Disposal
- D** Miscellaneous
- E** Cleaners

Ronin Tools

- A** Toolstation
- B** Complementing Kits
- C** Toolcase

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Together make one



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Masking

The masking systems developed by EMM meets all your demands in making the masking process efficient, fast and economical. Plastic film, masking paper, high performance masking tape, special tapes, masking liquid and 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 more general masking products.



> A Plastic Film



bit.ly/Pwu4Px
Watch video!

Translucent Spraymask

6365 (4 x 300 m)

Translucent spraymask film for quick and efficient masking. The primer and/or paint adheres permanently to the film. Can be used with infrared drying (max. 120 °C). The static properties of the spraymask help to ensure the film 'clings' to the surface. Per roll in a carton box



HDPE Film

6340 (3.8 x 200 m)
6340300 (3.8 x 300 m)

Translucent green Masking film without paint adhesion. Used to protect from dust and overspray. Used in primer or paint application after covering with a narrow strip of masking paper next to the surface to be painted. Per roll in a carton box.



Spraymask

6345 (4 x 150 m)

Spraymask film extra thick (17 micron) for quick and efficient masking. The primer and/or paint adheres permanently to the film. Can be used with infrared drying (max. 120 °C). The static properties help to ensure the film 'clings' to the surface. Per roll in a carton box.



Translucent Spraymask

6660 (6 x 100 m)

Translucent spraymask with extra wide 6 m film for the quick and efficient masking of vans, SUVs and MPVs. The primer and/or paint adheres permanently to the film. Can be used with infrared drying (max. 120 °C). The static properties help to ensure the film 'clings' to the surface. Per roll in a carton box.



Plastic Film with tape

640001 (340 mm x 25 m)
640002 (340 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.

> B 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. Per roll of 75 cm x 60 m.

Film4Crash | new

Protects the interior of a disassembled or damaged vehicle from all weather influences!

- Prevents weather damage to the vehicle interior.
- UV resistant for 6 months.
- Self adhesive, strong and flexible.
- Leaves no residu after removal.

A product from **Colad**
an emm product



> C Spray Covers

Plastic Wheel Covers

6100 (80 x 40 + 30 cm)



Plastic wheel covers made of 10 micron thick HDPE for the fast and efficient protection of tyres 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).

> D Accessories

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.



Magnetic Strips

9065

Magnetic strips for a faster masking job. The foil is held firmly in place so it does not flap around. Set of 4 pieces 60 x 10 cm and 4 pieces 100 x 10 cm. 2 mm thick. Can be used between temperatures of -15°C and + 80°C.



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).



All products from **Colad**
an emm product



> E Tapes

All products from **Colad**
an emm product



Masking Tape 60°C

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)

Recommended to be used in preparation area as well as in spray booth, with water based or solvent based paints. Very good adhesion doesn't leave glue residue. Good resistance to temperatures up to 60°C.



Masking Tape 80°C

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)

Recommended to be used in preparation area as well as in spray booth, with water based or solvent based paints. Very good adhesion doesn't leave glue residue. Better resistance to paint penetration and temperature resistance up to 80°C.



Masking Tape 110°C

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

Recommended to be used in preparation area as well as in spray booth, with water based or solvent based paints. Very good adhesion doesn't leave glue residue. Specially made for difficult adhesion surfaces, like rubber or metal and also for long runs in the spray booth. Up to 110°C temperature resistance.



Aqua Dynamic Masking Tape 130°C

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)

Recommended to be used in preparation area as well as in spray booth, with water based or solvent based paints. Very good adhesion doesn't leave glue residue. Extraordinary good adhesion on difficult adhesion surfaces. Specially created to profile the paint area in spray booth. Up to 130°C temperature resistance.

> E Tapes



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

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 windcreens 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, 20 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.



All products from **Colad**
an emm product

> F Liquid Masking



▶ Liquid Masking

8400

Liquid masking is an alternative for masking a vehicle and is ready to apply with any type of spray gun. It dries in 20 minutes forming a strong film which traps dirt and protects the vehicle from overspray. After the car repair process has been completed, simply wash off with water. 5 litre can (suitable for 75 m² at average consumption).

A product from **Colad**
an emm product



> G Aprontapers



All our aprontapers are designed to make masking quicker and easier. All dispensers apply the masking tape automatically with the paper. The mobile units are fitted with strong wheels which guarantee mobility on every surface. All units are supplied in a box (not assembled).

▶ Aprontaper 1 roll

2040

For wall or table mounting:
1 roll capacity, maximum width
37.5 cm.



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an emm product

▶ Aprontaper 1 or 2 rolls

2030

For wall or table mounting:
2 roll capacity, maximum width
120 cm.



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▶ Aprontaper 3 rolls

2010

Mobile with capacity for 3 rolls:
maximum width of 45, 70 and
100 cm.



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an emm product

▶ Aprontaper 4 rolls

2020

Mobile with capacity for 4 rolls:
maximum width of 21, 45, 70
and 100 cm.



A product from **Colad**
an emm product

▶ Aprontaper 5 rolls

000847

Mobile with capacity for 5 rolls of
different paper widths: maximum
width of 120 cm. Trolley dimen-
sions, 150 x 40 x 135 cm.



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an emm product

> H Masking Paper

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. Per roll.



▶ 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)

▶ 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.



All products from **Colad**
an emm product





- A** Velcro Discs **16**
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- N** Sanding Pads **24**

Sanding

EMM sanding solutions turn the roughest surface into the smoothest finish: Spot blaster and Spin & Trim to sand less accessible areas, scuff for finishing and a range of dry and waterproof sand paper formats which can be adapted for use with sanding machines or for manual jobs. 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.

> A Velcro Discs

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

Velcro Discs (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)	3650120010 (P1200)
3650015010 (P150)	3650036010 (P360)	3650150010 (P1500)

A product from **Colad**
an emm product

> A Velcro Discs

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

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



363000040 (P40)	3630024010 (P240)
363000060 (P60)	3630028010 (P280)
36300008010 (P80)	3630032010 (P320)
3630010010 (P100)	3630036010 (P360)
3630012010 (P120)	3630040010 (P400)
3630015010 (P150)	3630050010 (P500)
3630018010 (P180)	3630060010 (P600)
3630022010 (P220)	3630080010 (P800)

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

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

368000040 (P40)	3680032010 (P320)
368000060 (P60)	3680036010 (P360)
36800008010 (P80)	3680040010 (P400)
3680010010 (P100)	3680050010 (P500)
3680012010 (P120)	3680060010 (P600)
3680015010 (P150)	3680080010 (P800)
3680018010 (P180)	3680100010 (P1000)
3680022010 (P220)	3680120010 (P1200)
3680024010 (P240)	3680150010 (P1500)
3680028010 (P280)	



Velcro Discs (3 holes) 76 mm

875080 (P80)
875180 (P180)
875280 (P280)
875360 (P360)
875400 (P400)
875500 (P500)

For machine sanding during all stages of the repair process when sanding small areas. Open-coat 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.



Velcro Discs (8 holes) 200 mm

36750080 (P80)
36750120 (P120)
36750150 (P150)
36750180 (P180)
36750220 (P220)

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

All products from **Colad**
an emm product

> B Accessories



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.



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.



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.

> C Spot Blaster



bit.ly/RCiG7v
Watch video!

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.

> D Grinding



Spin & Trim

80 mm

34000036 (P36)
34000060 (P60)
34000120 (P120)

127 mm

34100036 (P36)
34100060 (P60)
34100120 (P120)

For coarse machine sanding jobs: grinding weld seams, rust removal, rough working of bare steel and the removal of paint coats. Economical as it can be used to the core. Synthetic material backing with aluminum oxide abrasive, Ø 80 mm (3")/ 127mm (5"). Max. RPM: 12,000. 10 discs per box.

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Spin & Trim Adapters

3415

(connector Ø 6 mm)

3420

(adaptor 7/16 - 20)

3425

(adaptor M14 - 2.0)

Various connectors and adaptors for Spin & Trim machine connection. 3 pieces per bag.

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an emm product



Fiber Discs

34400024 (P24)

34400036 (P36)

For coarse machine sanding jobs with angle grinders: grinding weld seams, rust removal, rough working of bare steel and removal of paint coat. Diameter: 10 cm (4"), axis hole diameter: 16 mm (5/8"), Grits P24 and P36. 25 discs per box.

3440

Pad for 10 cm fibre discs. 4 pieces per bag.

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Poly-X Sanding Discs

353100

(Ø 100 mm with hole)

353150

(Ø 150 mm with hole)

354100

(Ø 100 mm with spindle)

354150

(Ø 150 mm with spindle)

Sanding discs suitable for grinding sealant seams, cleaning up paintwork prior to repairing and removing rust without attacking the metal surface.

A product from **HAMACH**
an emm product

> E Waterproof Sheets



Waterproof Sheets 230 x 280 mm

35000080 (P80)

35000120 (P120)

35000150 (P150)

35000180 (P180)

35000220 (P220)

35000240 (P240)

35000280 (P280)

35000320 (P320)

35000360 (P360)

35000400 (P400)

35000500 (P500)

35000600 (P600)

35000800 (P800)

35001000 (P1000)

35001200 (P1200)

35001500 (P1500)

35002000 (P2000)

35002500 (P2500)

35003000 (P3000)

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

A product from **Colad**
an emm product

> F Sponges



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 product from **Colad**
an emm product

All products from **Colad**
an emm product

> G Dry Sheets



↓ Dry Sheets 230 x 280 mm

35500080 (P80)
35500120 (P120)
35500150 (P150)
35500180 (P180)
35500220 (P220)
35500240 (P240)
35500280 (P280)
35500320 (P320)
35500400 (P400)
35500500 (P500)

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



↓ Tackup (Velcro) Delta Sheet with 7 Holes

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

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



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

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

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



↓ Sheets 115 x 280 mm with 10 Holes

640060 (P60)
640080 (P80)
640100 (P100)
640150 (P150)
640180 (P180)
640220 (P220)
640240 (P240)
640280 (P280)
640320 (P320)
640360 (P360)
640400 (P400)

Sanding sheets to use for dry sanding with Hamach dust extraction sanding tools. P60 - P80 50 sheets per box. P100 - P400 100 sheets per box.



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

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

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



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

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

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

All products from **HAMACH**
an emm product

> H Soft Flex



↓ Soft Flex Rolls 115 mm x 25 m

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

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.

A product from **Colad**
an emm product

> I Foam Sanding Pads



↓ Foam Sanding Pads

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

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.

A product from **Colad**
an emm product

> J Rolls



↓ 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)

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

A product from **HAMACH**
an emm product

> K 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 Rolls 115 x 10 m

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

1 roll shrink wrapped

Scuff Discs 150 mm

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

10 discs shrink wrapped

All products from **Colad**
an emm product

> L Prepping Paste



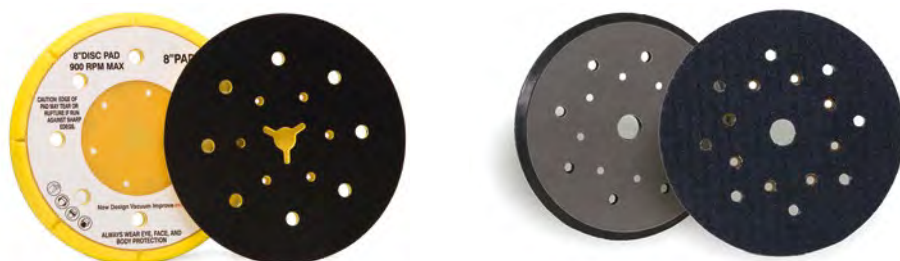
Prepping Paste

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.

A product from **Colad**
an emm product

> M Tackup Pads (200 mm)



Tackup (Velcro)

010027

Pad with 8 holes, fixed with 6 screws, hard. Per piece.

Tackup (Velcro)

010014

Pad with 8 holes, fixed with 8 screws, hard. Per piece.

All products from **HAMACH**
an emm product

> M Tackup Pads (150 mm)



Titanium Tackup (Velcro)

010861

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



Interface Tackup

010047

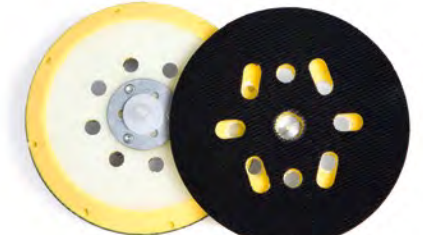
Interface pad with 8 + 6 + 1 holes, soft. Per piece.



Tackup (Velcro)

010860

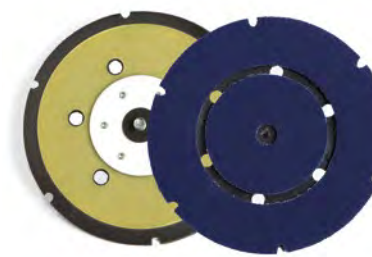
Pad with 8 + 6 + 1 holes, fixed with 6 screws, hard. Per piece.



Tackup (Velcro)

010033

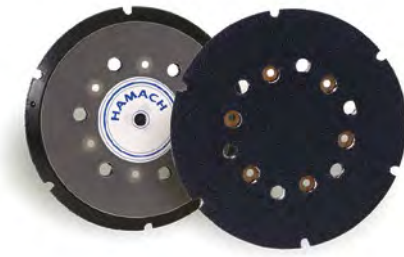
Pad with 6 + 1 holes, fixed with 5/16 spindle, medium. Per piece.



Tackup (Velcro)

010018

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



Tackup (Velcro)

009997

Pad with 6 holes, fixed with 6 screws, hard. Per piece.

> M Tackup Pads (76 mm)



Tackup (Velcro)

010056

Pad with 3 holes, fixed with 5/16 spindle, hard. Per piece.



Interface Tackup

010058

Interface pad with 3 holes, soft. Per piece.

All products from **HAMACH**
an emm product

> N Sanding Pads



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**
an emm product



> N Sanding Pads



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.



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.

All products from **Colad**
an emm product

A product from **HAMACH**
an emm product



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**
an emm product



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**
an emm product



> A Alpha Series

The Alpha Series | new

The perfect machine for a perfect finished surface!

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 generat always the required power in each rpm range. The Alpha machines have low air consumption (ca. 280l/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.



Alpha 3
000315 Sanding diameter 3 mm

Random orbital sander with a sanding pattern of 3mm, 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

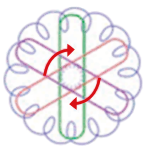


Alpha 5
000314 Sanding diameter 5 mm

Random orbital sander with a sanding pattern of 5mm, 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

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



Sanding pattern



bit.ly/N9Xe77
Watch video!



- A Alpha Series 27
- B Pneumatic Machines 28
- C Electric Machines 31
- D Mobile Sanding System 32

Machines

Hamach machine tools are perfect to work with and always deliver the highest performance on every job. Choose the right electric or pneumatic machine for the job from our range of formats and orbits: random orbital sander with 30 mm discs for small surfaces, polisher with pads from 70 mm up to 200 mm, orbital sanders for big surfaces or special sanders.





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
009942 Standard: Machine oil



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



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")

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 200mm 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")



HBT Pneumatic Brush
000232

Rotating machine suitable for the removal of paint, undercoatings, rust and sealant seams or stickers. With dust extraction connection. Air consumption: 85 l/min.

023270 Standard: Stripping Wheel
023271 Standard: Rubber Eraser (water based)
023272 Standard: Rubber Eraser (solvent based)
023258 Standard: Key tool
009942 Standard: Machine oil



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

> B Pneumatic Machines



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

022002 Standard: Tackup (Velcro) sanding shoe 45 x 20 mm

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

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

> C Electric Machines



RH 50 E Polishing Machine - 200 mm pad

000275

Polishing machine with a support pad of Ø 160 mm, for use with pads up to 200 mm. It is the perfect machine for polishing large areas. Equipped with speed regulation and a safety button. Comes in a carrying case with support pad included.

010034 Standard: Tackup pad Ø 160 mm 010053 Option: Foam pad hard Ø 200 mm

010054 Option: Foam pad medium Ø 200 mm 010055 Option: Foam pad soft Ø 200 mm



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



EH 85VE Random Orbital Sander 5 mm 650W - 200 mm pad

000259

For sanding all kinds of material and, when necessary, sands large surfaces thanks to the Ø 200 mm pad.

With digital R.P.M. display. - for a big sanding job -

010027 Standard: Tackup (Velcro) pad

Ø 200 mm with 8 holes.

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



VH 51 VE Long base Orbital Sander 5 mm - 650W

000254 Rubber Backing

000254X Tackup (Velcro) Backing

Suitable for flat sanding of large surfaces. Supplied with a dust extraction connection and electronic speed control.

015903 Rubber backing plate 70 x 400 mm

015912 Tackup (Velcro) backing plate 70 x 400 mm

832### Option: Hamach Dynamic Tackup (Velcro)

Sheets 70 x 419 mm with 14 holes



EH63VE Random Orbital Sander 3 mm 650W - 150 mm pad

000257

Suitable for sanding with fine grits to achieve the best finish. With digital R.P.M. display.

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

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

EH65VE Random Orbital Sander 5 mm 650W - 150 mm pad

000258

Suitable for sanding all kind of surfaces. With digital R.P.M. display.

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

010033 Option: Tackup (Velcro) Ø 150 mm pad 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

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.



Mobile Vacuum
000769

HMV 6-L EA/PA Mobile Vacuum



Pneumatic Sanding Machine

000314 - 000315

Alpha 3 or 5 Orbital one-hand sander



Titanium Tackup Pad

010861

150 mm pad with 8 + 6 + 1 holes, fixed with 5/16 spindle, hard



Abrasives

36800###

Colad (8+6+1 holes) Velcro Discs



Double Hoseconnector

077682

For connecting the combihose to the HMV 6-L EA/PA Mobile Vacuum



Combihose

009962

Combihose 4 m.





> A Vacuum Cleaners

Hamach HMV 6-L Mobile Vacuum

new

New from Hamach is the HMV 6-L, a compact and powerful mobile vacuum cleaner which is suitable for dry and liquid suctioning. The unit has a 1400 watt powerful engine, you can manually adapt the suction power to the ideal settings for your job. The unit holds 20L. of dust or 15L. of fluid and has a noise level of only 69 dB (A). 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%.



Performance	Capacity
Pressure: 248 mbar	Gross: 25L
Airflow: 3600 L/Min.	Dust: 20L
	Liquid: 15L

- A Vacuum Cleaners 34
- B Vacuum Hoses 36
- C Accessories 36

Mobile Vacuum

Our range of Mobile Vacuums contains units for vacuuming dust from sanding machines and for cleaning. Together with the matching accessories, you will always find the most suitable unit. The automatic switch ensures dust extraction whenever it's needed and this contributes to a clean and healthy working environment. When you are in need of a larger dust extraction solution, suitable for more work stations at the same time, we offer Hamach Central Vacuum systems. You will find more information in the HCV chapter.

> A 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)



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.

009968 Standard: Combi-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

A product from **HAMACH**
an emm product

All products from **HAMACH**
an emm product

> B Vacuum Hoses



↙ **Vacuum Hoses with Air Hose and Couplings**

009968 (4 m)
009969 (8 m)



↙ **Vacuum Hoses Ø 29 mm**

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



↙ **Vacuum Hoses with Air Hose (no couplings)**

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



↙ **Vacuum Hoses Ø 29mm Anti Static**

009958 (4 m)
009959 (8 m)



↙ **Vacuum Hoses 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.

> C Accessories

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



↙ 079779



↙ 079785



↙ 079786



↙ 079787



↙ 079701 Dust Bag HMV 7
079101 Dust Bag HMV 3
079290 Dust Bag HMV 5
075790 Dust Bag HMV 2500
076802 Dust Bag HMV 6-L



↙ 077686



↙ 077584



↙ 077581



↙ 077779



↙ 077785



↙ 077786



↙ 077585



↙ 077582



↙ 077586



↙ 077783



↙ 077795



↙ 077583



↙ 077784



↙ 077781



↙ 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.



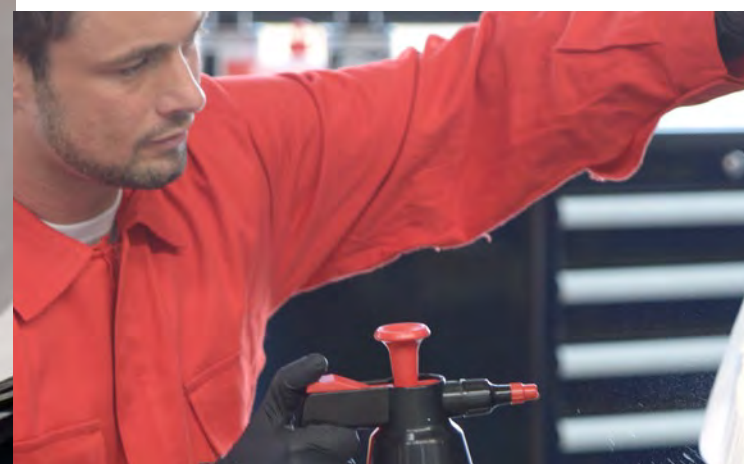
↙ 077682
for HMV 6-L EA / EA-PA.

All products from **HAMACH**
an amm product





> A Pump Spray System

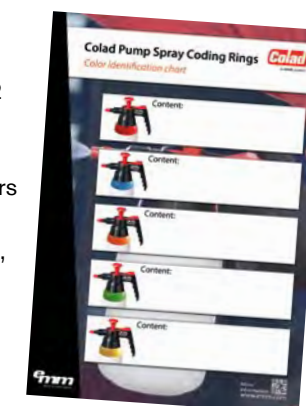


Colad Pump Spray | new

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 Identification 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.

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



Colad pump spray 1000ml capacity

Including set of 5 coding rings+ 2 Color Identification Charts.
9705

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.



Surface Preparation

Every surface needs to be prepared before it is painted. The preparation process requires perfect cleaning to avoid any contamination on the painted surface. EMM surface preparation includes spreaders, degreasing cloths, tack rags and all other accessories needed to guarantee the best result. Proper preparation with EMM keeps the whole process spotless for an immaculate finish.



- A Pump Spray System **39**
- B Cloths **40**
- C Spreaders **41**
- D Miscellaneous **41**



> 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 **Colad**
an emm product



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 **Colad**
an emm product



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 **Colad**
an emm product



TC 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 **HAMACH**
an emm product

> 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 **Colad**
an emm product

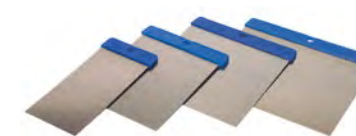


A product from **Colad**
an emm product

Rubber Squeegees

9130

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



A product from **Colad**
an emm product

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 **HAMACH**
an emm product

> D Miscellaneous



Plunger Can

5466 (2.0 litres - 0.5 gallon)
5467 (4.0 litres - 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.



Plunger Can

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

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



Scrapers

9190

Spare Blades for Scraper

9200
(20 pieces in a bag)

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.

A product from **Colad**
an emm product



- A** Gloves **43**
- B** Caps **44**
- C** Goggles / Hearing Protectors **45**
- D** Safety Shoes **45**
- E** Hand Cleaner **46**
- F** Masks **46**
- G** Overalls **48**

Personal Protective Equipment

EMM knows how important safety is to you as the health of your employees depends on it. EMM is a refinishing expert and knows the risks that using the products carries so it 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 Gloves



Disposable Nitrile Gloves Extra

- 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. Marked CE 0321 (EN 374-1:2003, EN388:2003). 1 disposable box with 60 gloves.



Disposable Nitrile Gloves

- 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. Marked CE 0321 (EN374-1:2003, EN388:2003). 1 disposable box with 100 gloves.

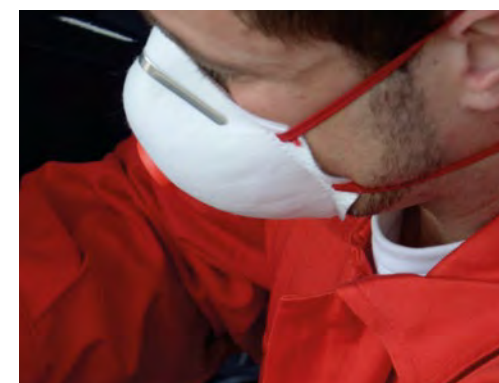


Gloves Dispenser

5390

Wall dispenser box for Colad disposable gloves. Per piece.

All products from **Colad**
an emm product



> A 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.

> B 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.

> C Goggles / Hearing Protectors

Colad Safety Goggles | new

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



Safety 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.

> D 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.



Safety Shoes Open Model

570040 (size 40)
570041 (size 41)
570042 (size 42)
570043 (size 43)
570044 (size 44)
570045 (size 45)
570046 (size 46)

Extra openings for better ventilation. Complies with European standard EN-345, S1P.



bit.ly/Pwui9h

Watch video!

Also available:

➤ **Insoles**
580040-580046

Large Shoe Laces
560099

All products from **Colad**
an emm product

All products from **Colad**
an emm product

> E Hand Cleaner



Colad Hand Cleaning System

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

The perfect and complete system for hand cleaning and protection. 8150 (A) Prevents skin irritations caused by cleansers, paint, oil, grease, solvents etc.

8160 (B) Cleanses the skin.

8170 (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 Coland 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.

> F Masks



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.



Active Carbon Filters A1

5020
Set of 2 filters.



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.



All products from **Colad**
an emm product

> F Masks



Disposable Respirator

506600

Disposable respirator for protection from harmful paint or solvent vapours. Fits perfectly around the nose and mouth. Maximum usage 40 hours. Complies with the strict UNE-EN 140 standard, CE-marked: 0159. Includes filters A1P2. Supplied in air-tight, resealable plastic bag.



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

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

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 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 odours. Complies EN 149:2001 FFP2, CE-marked. Box with 15 masks.



All products from **Colad**
an emm product



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 fibres, dust and lint. White to prevent distortion of colour vision, very durable and well ventilated. CE-marked. One coat 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 fibres, 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)

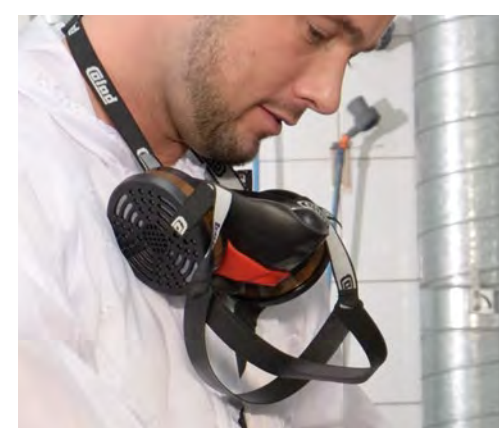
For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibres, dust and lint. White to prevent distortion of colour vision, very durable and well ventilated. A flame retardant product to be used when regulations require. Chemical cleaning. CE-marked.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



All products from **Colad**
an emm product



- A** Film4Booth 51
- B** Stick & Go 52
- C** Spray Booth Walls 52
- D** Film4Floor 53

Spray Booth Maintenance

Paint has to be prepared and applied in a clean environment. All our spray booth protection products provide professional solutions for the mixing room and 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 Film4Booth

Film4Booth new

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 Anti Dust to eliminate dust in paint jobs.

- Up to one year complete cabin protection
- Suitable for all surfaces
- Easy to apply with adapter and dispenser
- No loss of light and paint adhesive
- A completely dry system



bit.ly/QZyKtx

Watch video!



➤ Film4Booth 6860

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

➤ Foil Dispenser 6900

➤ Foil Applicator 6950

➤ Magnetic Foil Cutter 2070

All products from **Colad**
an emm product

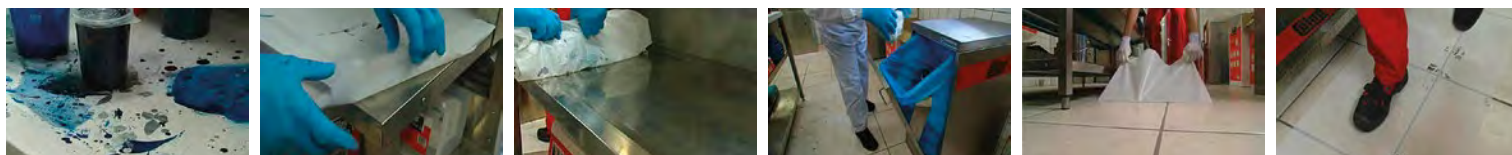
> B Stick & Go



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/SSfK1z

Watch video!

> C Spray Booth Walls

Antidust

8140 (20 litres) 8141 (10 litres) 8142 (5 litres)

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 judgement. 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).



Booth Coating

8144 (5 litres)

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 litres)

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).

All products from **Colad**
an emm product

> D Film4Floor

Film4Floor

 new

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

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.

Film4Floor

6865

One roll of 90 cm x 150 m.



bit.ly/Ou9QUJ

Watch video!

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 litres.



Pressure Sprayer

8300

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



All products from **Colad**
an emm product



- A** PCLS 55
- B** Adaptors PCLS 57
- C** Turbomix 58
- D** Mixing Cups 58
- E** Filters / Strainers 59
- F** Spray Samples 61
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Paint Preparation

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 litres), 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).



> A PCLS

Paint Cup Lid System

Mixing cup and paint cup in one system!

A unique system that can be adapted to all gravity spray guns. It eliminates both the need to strain the paint and the cup-cleaning process. PCLS is suitable for all kinds of paints and is the solution for the perfect conservation of unused paint. A complete concept that eliminates the risk of any contamination of paint and reduces the cost of the paint preparation process.

- Quick system for easy and clean paint application
- Fits directly on the 700ml 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!



➤ 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.

A product from **Colad**
an emm product



Introduction Kit Contains:

- 90700KIT1

Challenge yourself!



*Spray gun adaptors available for every type of spraygun, sold seperately.

B - Adaptors PCLS

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

[illegible]

> C 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.

A product from **Colad**
an emm product

> D 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 mixing cup of 6 liters 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.

└ Exchangeable Cups

9440 Box of 100 cups + 4 Colad Iron Kits

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 litres for quick exchange of paint types or colours for the house painter.



A product from **Colad**
an emm product

> E Filters / Strainers

└ 100% Synthetic Paint Strainers

100% synthetic paint strainers with different microns suitable for all kinds of paint.

➤ Highest quality strainers available!

➤ Leaves no residu

➤ Quick filtering

➤ Comes in 4 different microns

Dispenser box of 180 pieces. Refill packs available with 180 pieces in plastic bag (same art.no. without D at the end).



All products from **Colad**
an emm product

10350090D Transparent (90 micron)

10350130D Blue (130 micron)

10350190D Green (190 micron)

10350280D Red (280 micron)



└ Dispenser Box for Synthetic Paint Strainers

103506

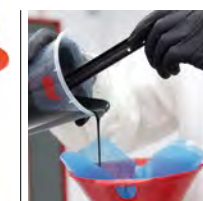
Dispenser box in transparent plastic to keep the 100% Synthetic Paint Strainers clean and dust free. Multiple dispenser boxes can be placed on top of each other or fixed to the wall to provide the perfect storage system. Per piece.



└ Ring for Synthetic Paint Strainer

103505

Plastic ring specially designed to hold the Colad 100% Synthetic Paint Strainer. Can easily be cleaned and used several times. Solvent resistant. Per piece.



└ Spray Gun Holder for Synthetic Paint Strainer

103511

Metallic holder for one spray gun, to be used with both suction feed and gravity feed spray guns. Can be fixed on a table or to the wall. Per piece.

> E 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.



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.



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 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.



Spray Gun Strainer Small

1075

100% plastic paint strainer, small sized with 120 micron mesh to be used with suction or airless spray gun. 10 pieces in a bag.



Worthy Paint Strainers

1060

Strainer for suction cup, made of brass with 350 micron mesh for primer or industrial paint. Can be washed. 10 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.

All products from **Colad**
an emm product

> F Spray Samples



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.



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.



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.

> 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.

All products from **Colad**
an emm product

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.

All products from **HAMACH**
an emm product

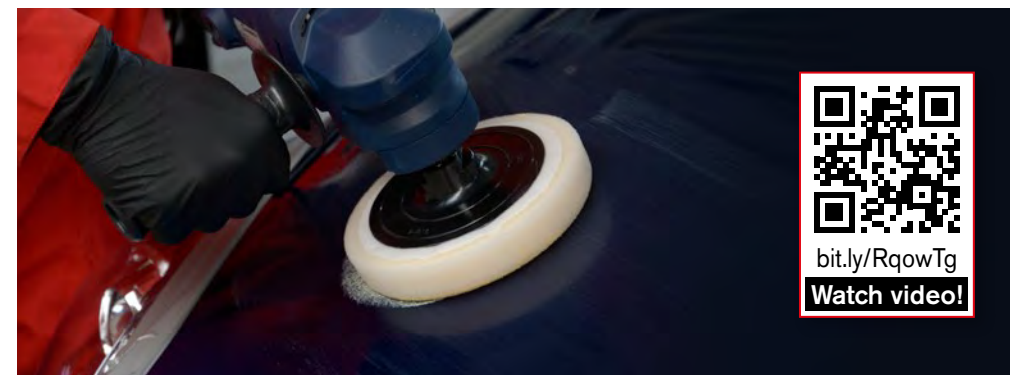


A

Polishing Material

OneStepReady | new

The polishing system of the future!

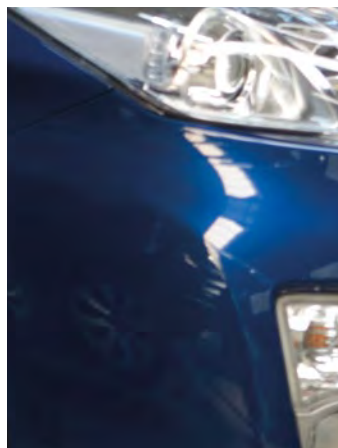


Colad OneStepReady is a non-solvent based one step polishing compound which works excellently with both old and new coatings and can be used on all kind of paint surfaces. Due to particles that become smaller in size during the polishing process, this product covers the entire polishing process, from 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.

- A** Polishing Material **65**
- B** Cloths **66**
- C** Foam Pads **66**
- D** Polishing Discs **67**
- E** Spot Repair Polishing System **67**

Polishing

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 polish to be applied with different sponges and very soft cloths. By using the EMM polishing system, you can save time and produce the best finish.



Best results in combination with the Hamach Foam Pad Hard.



Hard Foam Pad

010050 (150 mm)

A product from **HAMACH** an emm product



OneStepReady

8700 1 kg bottle
8725 250 g bottle



A product from **Colad** an emm product

> 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**
an emm product



Micro Polishing Cloths

000809

Very smooth cloths to clean rests of polishing material and puts the finishing touch to the surface. In different colours packed in bags of 4.

A product from **HAMACH**
an emm product

> C Foam Pads



Tack up (Velcro) Pad M-14

010034 (160 mm)

Pad screw M-14 to use with Foam 010053, 010054, 010055 and 010025. 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 010025. 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.



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 (200 mm)

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

> D Polishing Discs



Micro Polishing Discs

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

100 discs in a box.

All products from **HAMACH**
an emm product

> E Spot Repair Polishing System

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.



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 2,5mm - 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)

3. Remove the abundant material with the micro polishing cloths

000809 Micro Polishing cloths



- A Plastic Repair 68
- B Tapes 69
- C Adhesives / Sealants 71

Adhesives

EMM offers the full range of products needed to restore the original format of the 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. By following the recommended processes, the structures can be rebuilt, repaired or simply glued to reproduce the original format.

> A Plastic Repair



For Plastic 40.10 5 minutes Plastic Repair Glue

90672240

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). Colour: grey. The products listed below are recommended for application. 50 ml in cartridge. Drying time - 5 minutes
Sandable after - 30 minutes
Paintable after - 30 minutes

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). The products listed below are recommended for application. 50 ml in cartridge. Drying time - 1 minute
Sandable after - 10 minutes
Paintable after - 10 minutes



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.

Accessories suitable to work with:
- Nozzle (Art. N° 90672980). - Tander Form Foil (Art. N° 90672275).
- Manual Gun (Art. N° 90672666). - Tander Reinforcement Foil (Art. N° 90672276).

All products from 

> A Plastic Repair



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.



Body Filler

90621400

Plastic body filler. Packing 1 Kg in a tin, standard with hardener.



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.

All products from 

> B Tapes



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. Roll 9 mm or 12 mm x 9 m individually.



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 

Bumper Repair System

Serious damage



bit.ly/NkOre3
Watch video!

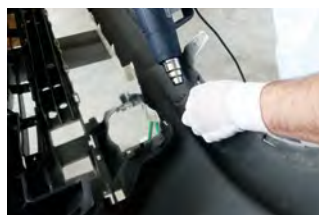
Small damage



bit.ly/NHIY24
Watch video!



Serious damage.



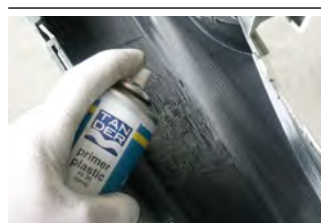
Modelling the damage with a Hot Air Gun.



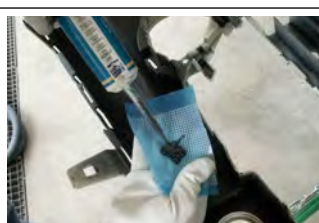
Grinding the inside with the Hamach HP 80 and Colad Spin & Trim.



Cleaning the surface with Tander Plastic Cleaner.



Spraying Tander Primer Plastic 40.30 Spray. Let it dry for 10 minutes.



Applying Tander For Plastic to the Tander Reinforcement Foil.



Placing the Tander Reinforcement Foil with For Plastic on the inside.



Grinding the outside with the Hamach HP 80 and Colad Spin & Trim.



Applying Tander For Plastic to the Tander Form Foil.



Placing the Tander Form Foil with For Plastic on the outside. Remove after drying.



Modelling Tander For Plastic.



Sanding the edges with Colad Soft Flex P180.



Spraying Tander Primer Plastic 40.30 Spray. Let it dry for approx. 10 minutes.



Applying Tander Plastic Repair Stopper to the surface.



Spraying Tander Primer Plastic 40.30 Spray on the surface. Let it dry for approx. 10 minutes.



Spraying the filler according to paint manufacturer's recommendations.



Sanding the surface.



Cleaning the fade-out area with Colad Prepping Paste.



Before paint spraying, cleaning the surface with Colad Tack Rack adhesive cloths.



Spraying paint according to the paint manufacturer's recommendations.

>

C

Adhesives / Sealants



Silver Metal MS 90.20

90672402 (grey)

Spray able MS polymer hybrid sealer for metal. Paste, thixotropic (high viscosity) spray able 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, odourless 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).

>

Car Window Adhesive

Silver Glass MS 90.10

90673719

MS polymer hybrid adhesive. A universal, permanently elastic 1-component adhesive. Perfectly suited for bonding car windows. Is a quick drying product 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. 100 ml in tin. To be used on non-porous materials such as glass or ceramics.

Nozzle

90628373

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





A Undercoating 72
B Guns 74

Chemicals

EMM offers undercoatings and various sealers. Our undercoatings are flexible and most of them can be easily painted afterwards. Undercoating can be applied by aerosol or by spray gun. All have excellent anti rust and noise reduction properties. The noise reduction sheets provide optimal noise and vibration absorbance. All accessories needed to apply the products are also included in this chapter.

> A Undercoating



Undercoating
M40 black
4000

Protects against corrosion and salt. Noise-absorbing, flexible and chip-resistant. One litre 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.

All products from **Colad**
an emm product

> A Undercoating



Steel Body 2000
90672500

Undercoating with anti corrosion and noise reduction properties. Base 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. Colour: black. Packed in one litre tin with spray gun connection.

All products from **TAN DER**
an emm product

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.



> 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 litre tin with spray connection. (suitable for +/- 2.5 m²)

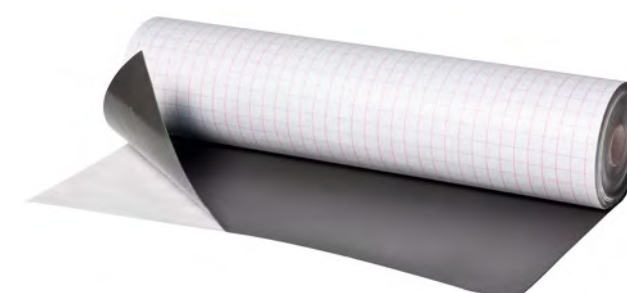
A product from **Colad**
an emm product



> 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.



> Door Liner (grey)

4500

Door Liner is a self-adhesive film of foam to replace the original foam film or door liners. Prevents the penetration of water or any other type of moisture in the lining of car doors. Very flexible, grey colour and self-adhesive. 1 roll 10 m x 75 cm packed in a carton box.



All products from **Colad**
an emm product



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. See page 67 for the suitable nozzles.

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 aluminium) or standard 300 ml and 400 ml bags. Per piece. See page 73 for the suitable nozzles.



Undercoating Spray Gun

4040

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

A product from **Colad**
an emm product

Undercoating Spray Gun Adjustable

4045

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

A product from **Colad**
an emm product



Undercoating Spray Gun Adjustable

90672674

Gun for the application of undercoating and cavity protection products in tins of one litre. 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.



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 **TAN DER**
an emm product



Disposable Tubes and Nozzles

90672690

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



Workshop Equipment

- A Spray and Sanding Standards 75
- B Mobile Cabinets 77
- C Presses 78
- D Paint Equipment 79
- E Hoses 79
- F Welding Blanket 79

Proper workshop 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 makes your team more efficient. You will also find cleaning depots, a Venturi for drying and a strong paper press to reduce waste. Finally, to improve the various jobs, there is a colour identification lamp, our welding blanket to protect against welding sparks and the very special air hoses to connect spray guns or sanding machines.

> A Spray and Sanding Standards



A product from **HAMACH**
an emm product

HLS 93

000672

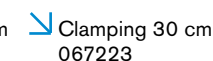
To paint all kinds of parts safely and to paint both sides at once. Robust, solid, strong and easy to move. Additional accessories available if required. Dimensions: 210 x 140 x 170 cm. Per piece, not assembled, with 8 bars.



Clamping 20 cm
067222



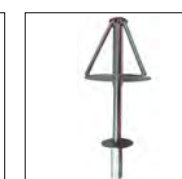
Clamping 10 cm
067221



Clamping 30 cm
067223



Mirror holder
067224



Wheel rim holder
067225

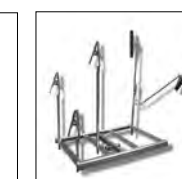


Table
067226

> A 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

A product from **HAMACH**
an emm product

└ 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.

A product from **HAMACH**
an emm product



└ 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.

A product from **HAMACH**
an emm product

└ 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.

A product from **HAMACH**
an emm product

└ Aluminum Working Platform

709040 (H 34 cm)

709050 (H 44 cm)

A working platform for when working at height or difficult angles. A platform for when working high up or at difficult angles. Very stable, with anti-slip profile. For use on grid floors. Max. weight: 125 kg. Dimensions (L X W X H): 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.

> B 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 (L x W x H). Per piece. Not assembled.

└ Sanding Cart

000529

A workstation for storing products or equipment. Suitable for sanding or polishing materials. Supplied with anti slip 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.

A product from **HAMACH**
an emm product

Organization is productivity



└ Handycar

7050

A portable work and storage trolley for tools and disposables: sanding, masking safety material, etc. Very spacious and easy to move because the large wheels are made for floor grids. Fitted with lock. Dimensions: 84 x 45 x 84 cm. Per car, not assembled.

7071

Ideal for disposing of your waste safely. -Per roll of 25 pcs.

A product from **Colad**
an emm product



> C Presses

Responsible waste disposal is very important to maintain a clean and healthy working environment. As a company that works with disposables your 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. Color: Blue. Ready to use: incl. 2 rolls of cord.

7010
Ball of cord.

A product from **HAMACH**
an emm product



➤ 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.

A product from **HAMACH**
an emm product



➤ 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.

A product from **HAMACH**
an emm product



> D 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.

> E 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.



A product from **Colad**
an emm product

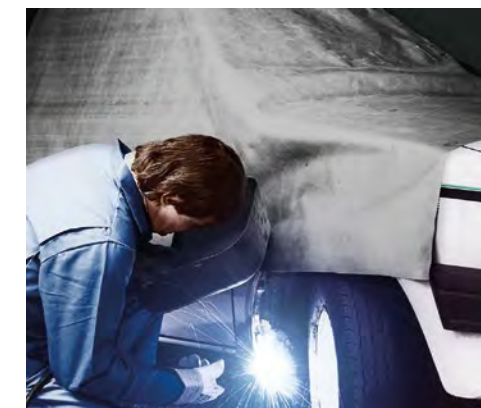
> F Welding Blanket



➤ 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.



A product from **Colad**
an emm product



- A TQ - Top Quality 81
- B EQ - Excellent Quality 82
- C HQ - High Quality 83
- D Compact Central Vacuum 84
- E Swing Arms 85
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- G Accessories 86

Hamach Central Vacuum

Companies regularly compromise with regard to professional systems for dust extraction. Insufficient or lack of dust extraction means neglecting a healthy work environment and, in addition, under specific circumstances, this may even result in formation of dust explosions. For a professional company perfect workmanship is essential and with a reliable dust extraction system dust particles settling on the surface will be prevented. The Hamach Central Vacuum (HCV) is EMM's system for central dust extraction. Durable, top quality dust extraction with over 30 years (13 million working hours all around the world) of experience!

EMM offers 3 different product ranges:



Top Quality

Developed for continuous professional use (24 hours per day). With correct maintenance, the TQ systems will last more than 20 years.



Excellent Quality

Suitable for industrial use with varying number of users throughout a working day.



High Quality

Suitable for normal professional use in industry / body repair shop.

All products from  **HAMACH**
an EMM product

HQ, EQ and TQ meet requirements according to the size of the installation or the number of staff connected. The HCV complies with ATEX, CE and EG regulations 2006/42/EG and 94/9/CE. All electrical components are IP65 rated.



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.

Hamach Central Vacuum

- 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

> A TQ - Top Quality



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



➤ HCV 8000 TQ

000587

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

000588

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 (m ³ /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	5 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





> B EQ - Excellent Quality



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



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

▶ HCV 4000 EQ

000564

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

▶ HCV 7000 EQ

000565

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.

> C HQ - High Quality



High Quality extraction turbine for duct piping of max. 70 metres. Suitable for normal, professional use in the medium and small body shops. Standard 12 months guarantee.



▶ HCV 410 HQ

000561

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

000566

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

▶ HCV 510 HQ

000562

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

000563

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.



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

> D Compact Central Vacuum

The compact Central Vacuum Cyclones from Hamach offer an innovative solution for small spaces in your workshop. You can quickly install the unit on the wall as it only needs to be connected to an air pressure connection and a 230 V power socket. The compact Central Vacuum Cyclone is the best solution if you need optimum dust extraction in one or two sanding areas. Low noise and high power completes this machine's list of features.



↘ HCV 23015 HQ

000559

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 23015 HQ

Max. extraction points	2
Volt (V)	230
Air Flow (m ³ /h)	250
Air Flow (L/min)	4166
Under pressure (Kpa)	17
Under pressure (m. bar)	170
Power (KW / HP)	1,5 - 2,1
Number of motors	1
Weight (kg)	68
Dimensions LxWxH (cm)	61 x 70 x 102
Noise level (dBa)	70
Filters	Polyester non woven filters
Filter surface (m ²)	0,75
Automatic filter cleaning	no
Container volume (L)	33
Pipeline network (Mtr.)	± 0 - 10

EMM Compact Vacuum System ↘

000574

Compact vacuum system with the cyclone HCV 23015 HQ, the swing arm HSA 625 C and the switchbox EB Matic. The perfect solution for a single working area. Equipped with four 230 V sockets, four compressed air connections for pneumatic sanding tools, one compressed air connection without automatic switch on/off and two double dust extraction connections. Including hanger for wall mounting.



> E Swing Arms



↘ Swing Arm HSA 625

000555

Swing arm HSA 625 equipped with a 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. You can use the HSA 625 in combination with a mobile dust cleaner or a HCV machine.

↘ Swing Arm HSA 625 P

000557

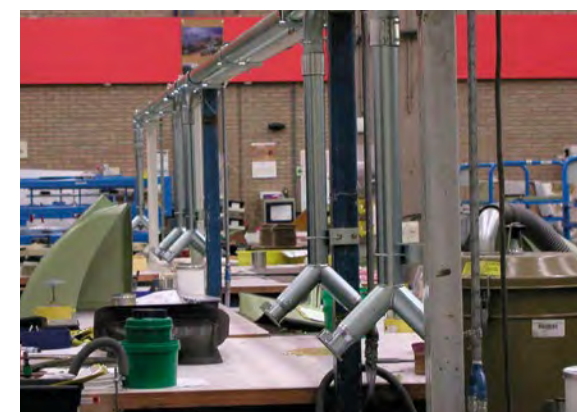
The same as the Swing Arm HSA 625 but with an automatic switch for pneumatic sanding machines.



↘ Swing Arm HSA 625 C

000556

Swing arm HSA 625 C equipped with a unique balanced gear transmission. A length of 6 m. Can be operated with a Hamach Energy box. The HSA 625 C is used in combination with an energy box. It is suitable for sanding areas for Vans, SUVs or Trucks.



↘ Single / Double extraction points

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.

> F Energy Boxes



EB Basic

000577

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

000576

The same as the EB Basic with an additional 380V connection integrated in the energy box. Can be connected to a swing arm, suspended from the ceiling or fixed to the wall.

EB Matic

000578

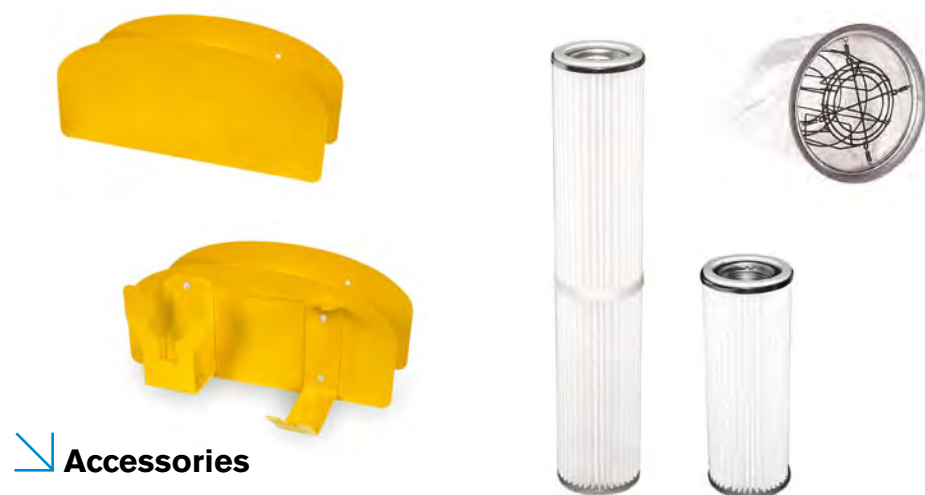
Energy box with automatic on/off switch for compressed air sanding tools or electric sanding tools. Including 3 compressed air connections, one of these without automatic on/off switch, 2 electric sockets 230 V and 1 double dust extraction connection. Can be connected to a swing arm, suspended from the ceiling or fixed to the wall.

EB Matic + 380V

000575

The same as the EB Matic with an additional 380V connection integrated in the energy box. Can be connected to a swing arm, suspended from the ceiling or fixed to the wall.

> G Accessories



Filter Set HCV 410 HQ

056134

Filter capacity: 99,9 %

Filter Set HCV 510 HQ

056267

Filter capacity: 99,9 %

Filter HCV 610 HQ

059401

Dimensions: 305 x 115 mm

Filter capacity: 99,9 %

Available per piece.

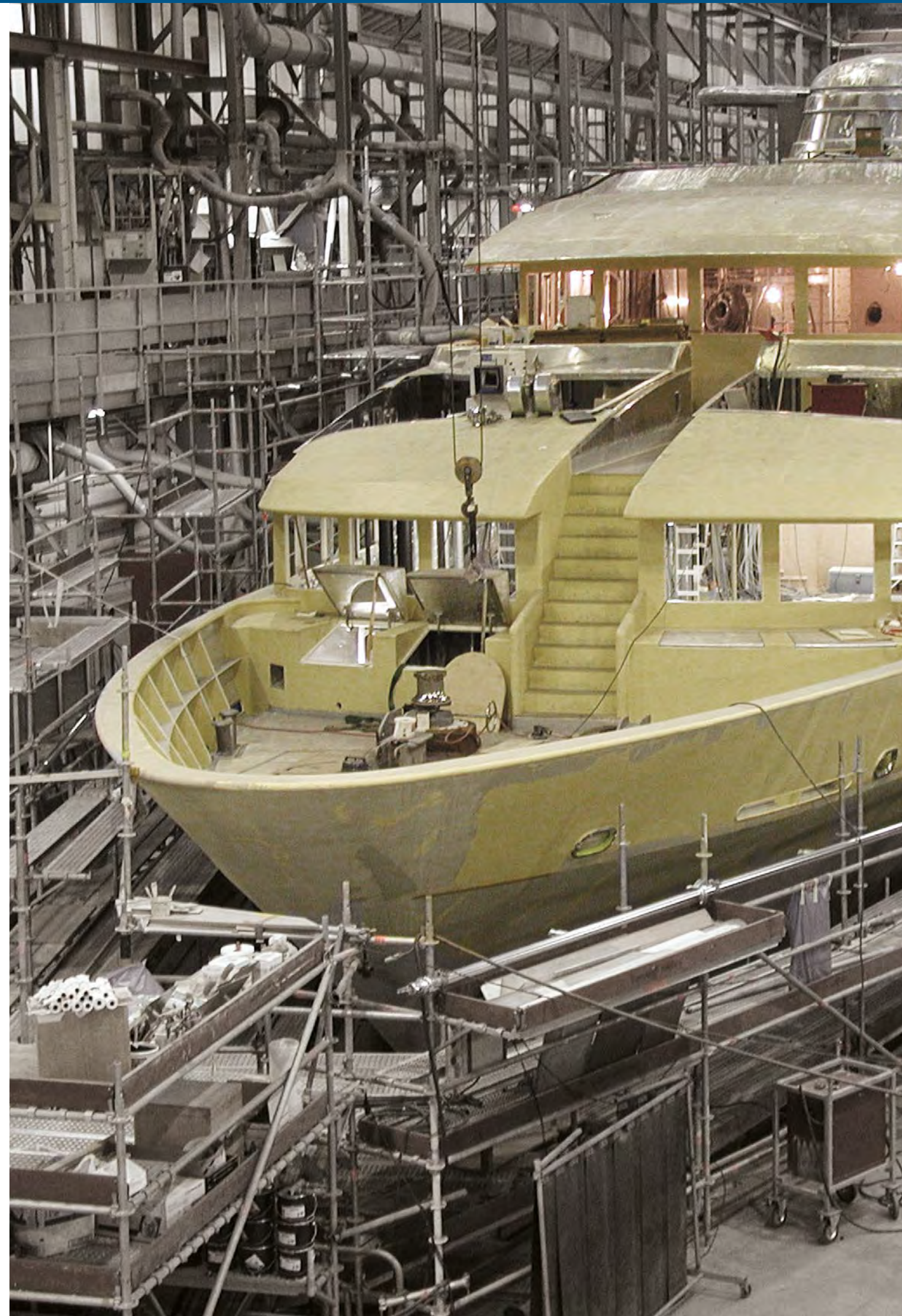
Filters EQ/TQ Turbine

059402

Dimension: 600 x 115 mm

Filter capacity: 99,9 %

Available per piece.





- A** Work Station **89**
- B** Ventilators **89**
- C** Waste Disposal **90**
- D** Miscellaneous **90**
- E** Cleaners **91**

Mixing Room Equipment

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, EXCatIII2G-clIBT4, 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.



> 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
HT120 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 an HR120 table (80 x 120 x 20/44). The HS Spray board 180 cm is suitable for wall mounting or on an HR180 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: 250m³/h

Ventilator unit 380V
RVE000002
Capacity: 700m³/h

Ventilator unit 380V
RVE000003
Capacity: 1200m³/h

Ventilator unit 380V
RVE000004
Capacity: 1980m³/h

* ATEX certified.
Suitable for indoor use.

230V

Ventilator unit 230V
RVL000001
Capacity: 250m³/h

Ventilator unit 230V
RVL000002
Capacity: 700m³/h

Ventilator unit 230V
RVL000003
Capacity: 1200m³/h

Ventilator unit 230V
RVL000004
Capacity: 1980m³/h

All products from **HAMACH**
an emm product

C 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 (L x W x H)
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 (L x W x H)
Extraction volume: 100 m³/h
Weight: 50 kg
Extraction point: Ø 80 mm.

045901
30 litres can for Paint Waste Containers



HIGH Model Paint Waste Container

000471
Dimensions: 90 x 60 x 128 (L x W x H)
Extraction volume: 100 m³/h
Weight: 50 kg
Extraction point: Ø 80 mm

All products from **HAMACH**
an emm product

D Miscellaneous



Waste Bin

5471 (50 litres)

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 litres plastic bags. Waste box volume: 250 L.

A product from **HAMACH**
an emm product



URS 600 Rebuilding Unit

000821

This is an electric solvent recycler with 20 litre 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



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 (L x W x H)
Extraction point: Ø 180 mm
Extraction volume: 30 m³/h
Weight: 18 kg

A product from **HAMACH**
an emm product

E Cleaners

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

Water



HR 2400 Spray Gun Washer

000474
The same as the HR 2600 without 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 litres
045601 Filter bag (coarse)
045605 Filter bag (thin)



HR 2600 Spray Gun Washer

000472
Pneumatic manual spray gun washing machine suitable for use with cleaning fluids as well as with water. Fitted with a membrane pump and with space to carry out the coagulation process and a pneumatic system to accelerate this process. A large tank with a filter system and 4 large wheels to collect al waste. Is easily moved. A security valve limits the water excess.

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

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



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 litres
Packing: One piece.

All products from **HAMACH**
an emm product



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 (L x W x H): 54 x 41 x 104 cm.

A product from **Colad**
an emm product



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 litre can.

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. Tank content: 7 L. Extraction point: Ø 80 mm.

All products from **HAMACH**
an emm product



- A** Toolstation **93**
- B** Complementing Kits **96**
- C** Toolcase **98**

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.

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.

- 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.

RONIN TOOLS
an *emm* product

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



143-piece 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 - 8mm (5pcs)



Philips screwdriver inlay

15.430.000
PH0 - PH3 (6 pcs)



T-handle hex key inlay

15.620.010
2 - 12mm (10 pcs)



Pliers inlay

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



Pliers / Adjustable wrench inlay

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



Combination wrench inlay

25.310.018
4 - 8 mm (18 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)



Hammer + Grip pliers inlay

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



All products from **RONIN TOOLS**
an emm product

271-piece 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 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 - 12mm (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)



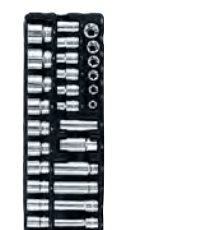
Drive deep socket inlay 3/8"

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)



All products from **RONIN TOOLS**
an emm product

> B Complementing 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.

Contains the following inlays:



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)

All products from **RONIN TOOLS**
an **emm** product

> B Complementing Kits

> 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.

Contains the following inlays:



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 (16pcs)



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. Contains the following inlays:



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
6x7 - 21x23 (8 pcs)



Flexible socket wrench inlay

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

All products from **RONIN TOOLS**
an **emm** product

> B Complementing 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 change.

Contains the following inlays:



└ 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)



> 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



All products from **RONIN TOOLS**
an emm product



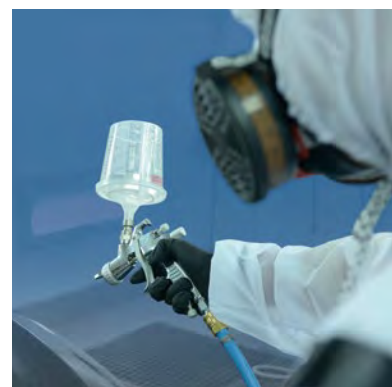
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