



CONSUMABLES

Catalog



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PLATING

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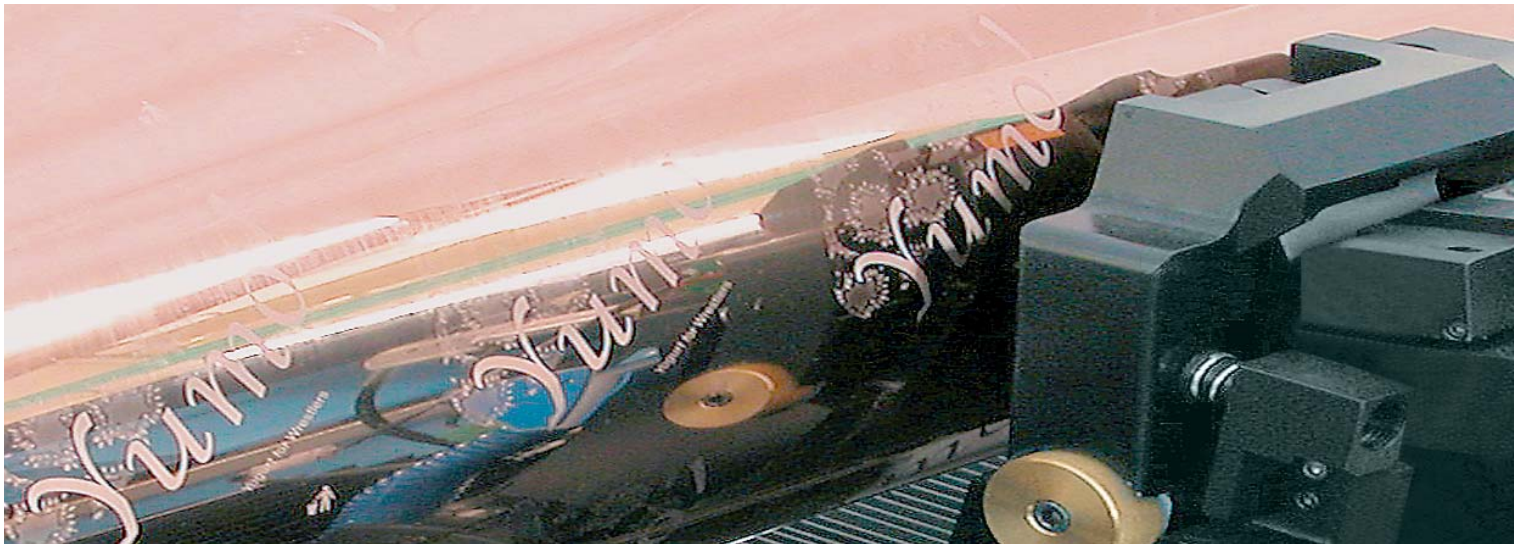
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ENGRAVING

Consumables for Engraving Applications



Stylus, Shoe & Burr Cutter



Machine type	Head type	Head-Art. No.	Head Picture	Stylus-Art. No.	Shoe-Art. No.	Burr Cutter-Art. No.
GRAVOSTAR 820 (M820)	VISION 1 without VISTA	HF-2800-1.2	5	0027-XX*	320082-03	8344
	VISION 1 with VISTA, motorized Shoe	VH-2800-1.0	7	320009-XX*	320082-03	320007-02
	VISION 3 with VISTA, motorized Shoe	DVH-2809-1.2	7	320220-XX*	320082-05	320007-02
	VISION 3 without VISTA		5	320220-XX*	320082-05	320007-02
	2200 Hz, 130 µm High Output with VISTA, manual Shoe	VH-28130-1.2LF15	9	320178-XX*	320082-05	320007-02
	3200 Hz, transCell®, motorized Shoe and Burr Cutter, no optics	VH-TRANSCCELL-1.0	4	320009-XX*	320082-05	320007-02
	3200 Hz, transCell with VISTA, with optics	VH-TCELL-1.0-OPTC	7	320009-XX*	320082-05	320007-02
	3200 Hz, transCell with manual VISTA	VH-TCELL-MAN-32	3	320009-XX*	320082-05	320007-02
	Manual Dual Mode, 4500 Hz or 3200 Hz, transCell without VISTA	DTC-MAN-45 / 32-820	5	320009-XX*	320082-05	320007-02
	Dual Mode, 4500 Hz or 3200 Hz, transCell with VISTA	VH-CELL-45 / 32	7	320009-XX*	320082-05	320007-02
GRAVOSTAR 820 (M820) Extra Large Format	VISION 1 with VISTA, Large Format (early model)	VH-28070-1.2-LF	7	320178-XX*	320082-05	320185-01
	VISION 1 with VISTA, 2600 mm circumference	VH-28070-1.2LF26	7	320178-XX*	320082-05	320185-01
	High Output 130 µm with VISTA, Large Format (early model)	VH-28130-1.2-LF	7	320178-XX*	320082-05	320185-01
	High Output 130 µm with VISTA, 2600 mm circumference	VH-28130-1.2LF26	7	320178-XX*	320082-05	320185-01
GRAVOSTAR 850 (M850), 1315 D, 2215 D & 3615	VISION 1 with VISTA	VISTA-SQ850	3	320009-XX*	320082-05	320007-02
	VISION 3 with VISTA	DVIS-3-850	3	320020-XX*	320082-05	320007-02
	3200 Hz, transCell with VISTA	transCell-850-32	3	320009-XX*	320082-05	320007-02
	Dual Mode, 4500 Hz or 3200 Hz, transCell with VISTA	TCELL-HD-45 / 32	3	320009-XX*	320082-05	320007-02

Example: If you have a GRAVOSTAR 1315 D, equipped with a VISION 1 system type, including VISTA, and you need to order a new sliding shoe, then the correct article number is 320082-05.

* Please replace the XX with the two last digits of the desired stylus angle for Ohio styli. e.g. 320009-20 for a VISION 1 Stylus, 120 degree.

Stylus, Shoe & Burr Cutter



Machine type	Head type	Head-Art. No.	Head Picture No.	Stylus-Art. No.	Shoe-Art. No.	Burr Cutter-Art. No.
GRAVOSTAR HS 1315, 2215 & 3615	VISION 3, manual Shoe	DVH-2809-2	3	320220-XX*	320082-05	320007-02
	VISION 3 with VISTA, motorized Shoe	DVH-2809-1.2	4	320220-XX*	320082-05	320007-02
B600, B650, B710 & B720	3200 Hz	0328-01	8	0027-XX*	006	8330
	VISION 1	0360-01	6	0027-XX*	006	8344
	tranScribe®	0321-07	6	0027-XX*	006	8330
M500	3200 Hz	0328-01	8	0027-XX*	006	8330
	VISION 1	0360-02	6	0027-XX*	006	8344
	tranScribe	0321-07	6	0027-XX*	006	8330
GRAVOSTAR 900 (M900)	VISION 1 with VISTA, motorized Shoe	VH-2902-1.2	7	320178-30	320082-05	320007-02
	VISION 1 with VISTA, motorized Shoe	VH-2902-1.2 & VH2904-1.2	7	320178-30	320082-05	320007-02
	VISION 2 with VISTA, motorized Shoe	VH-2906-1.2 & VH-2908-1.2	7	320178-30	320082-05	320007-02
	VISION 3 with VISTA, motorized Shoe & Burr Cutter	VH-2909-1.2	7	320220-30	320082-07	320213-01
	VISION 3 with VISTA, motorized Shoe & stationary Burr Cutter	VH-2909-1.2-STD VH-2909-1.2-LF VH2909-102.SBC	9	320220-30	320082-07	320213-01
GRAVOSTAR 11, 12, 21C & 21Ck, Helioklischograph	Standard, B, C, Cx and Wideband (54–140 l/cm) Head	80823	1	110° 90641 120° 88787 125° 112258 130° 90642 140° 90643	90651	86150 complete 90652 only insert
	Coarse screen A Type Head 40–48 screen	134029	2	120° 138188 130° 134125	90651	86150 complete 90652 only insert

* Please replace the XX with the two last digits of the desired stylus angle for Ohio styli. e.g. 320220-20 for a VISION 1 Stylus, 120 degree.

Head type & Stylus

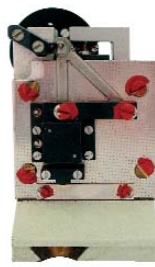
Head type



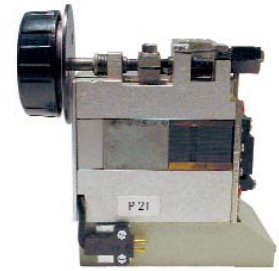
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1



2



2



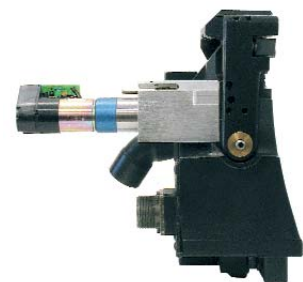
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4



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5



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6



6



7



7



8



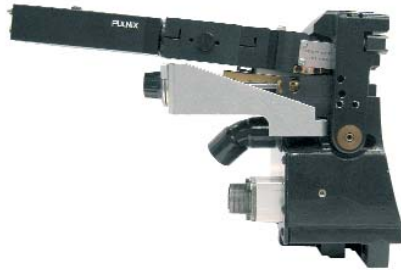
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Head type



9



9

Stylus



0027-XX



320220-XX



320009-XX



320178-XX



138188 (20°)
134125 (30°)



110°



120°



125°



90641



130°



140°

Shoe & Burr Cutter

Shoe



006



320082-03
320082-05
320082-07



90651

Burr Cutter



320007-02
320185-01



320213-01



8330



8344



90652

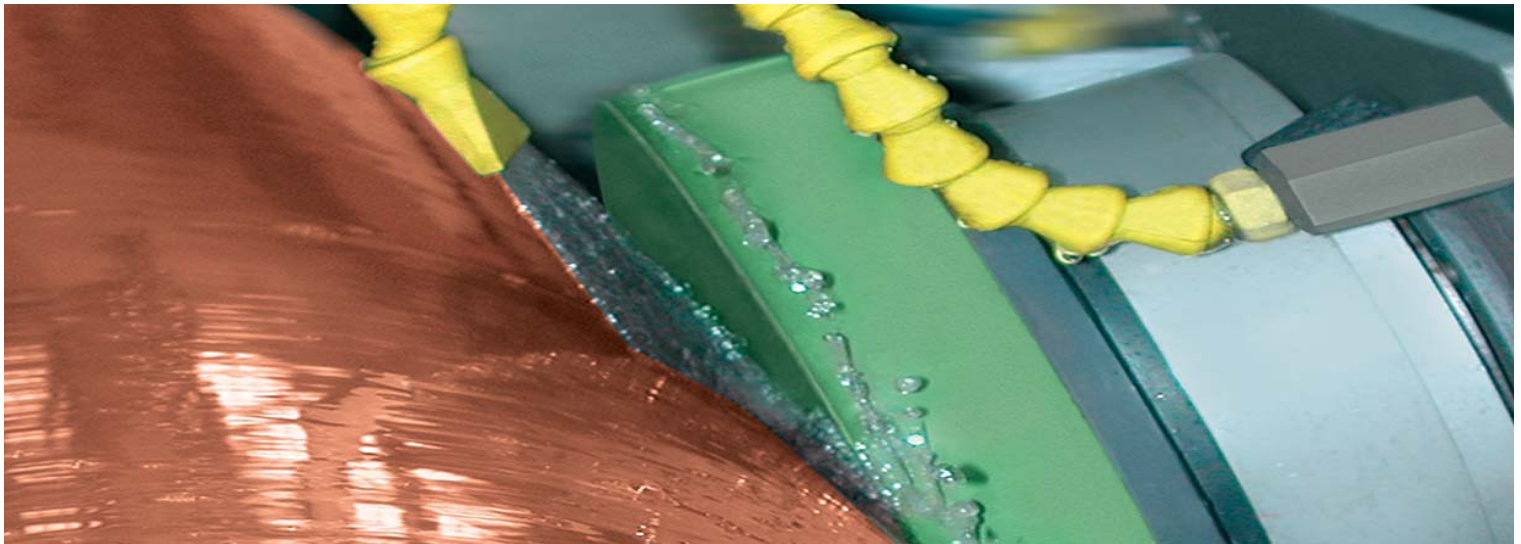


86150










FINISHING

Consumables for Finishing Applications



DUOSTAR

	Product name	Part No.	Description
	Tools Replacement holder 064.. for Cu/Cr	069.260.067-01	Diamond tools to work on the surface of the cylinder and for the treatment of the faces to final dimensions. Chrome and copper can be turned off in one processing step. The replacement holder consists of three tools, one turning tool made of PKD (Polycrystalline diamond) and two reverse plates for the treatment of the faces and the radii. Daetwyler offers a resharpening service for the PKD tool. The side treatment plates are one-way products.
	Replacement holder 064.. for Cu/Cr without side treatment	069.260.067-02	Same function as article 069.260.067-01. Reverse plates for the treatment of the faces are not installed.
	Replacement holder 124.. for Steelholder	069.260.123	Diamond tool to work on the surface of the cylinder and for the treatment of the faces to final dimension on steel. Same function as 069.260.067-01. Instead of the PKD tool, a reverse plate is installed.
	Reverse plate	128406	Reverse plate for replacement holder for face treatment.
	Reverse plate for steel	190900	Reverse plate for replacement holder for steel treatment.
	Plate PKD-650	187951	Spare diamond for stone pull-off DUOSTAR packaging.
	Abrasives Grinding stone GC 1000T Grinding stone GC 1500T Grinding stone GC 2000T Grinding stone GC 2500T Grinding stone GC 3000T	188400 188401 095605 095606 016313	Grinding stones for the DUOSTAR illustration. The granulations 1000 – 1500 are appropriate for the pregrinding, the granulations 2000 – 3000 for the finish-grinding. The standard combination is GC 1500 and GC 2500. The stones are resistant to Megafliuid.



Product name	Part No.	Description
Grinding stone GC 1500T Grinding stone GC 2000T Grinding stone GC 2500T Grinding stone GC 3000T	189230 189229 189228 189462	Grinding stones for the DUOSTAR packaging. The granulation 1500 is appropriate for the pregrinding, the granulations 2000 – 3000 for the finish-grinding. The standard combination is GC 1500 and GC 2500. The stones are resistant to Megafluid.
Auxiliary products Toolbox	182935	Toolbox to store and send the tools. The Toolbox does not need additional packaging for transportation. For the best possible protection, the box has a foam material insert for 4 tools.
Heat-set Adhesive Lunatack B 22 S	033534	Hot-melt adhesives to glue the grinding stones onto the reception plate.
Megafluid Plus TJ 30	141635	Grinding-water additive (emulsion). Functions: Corrosion protection (cylinder axis), rinsing of the grinding stones, cooling and lubricating of the diamond tools.
Megafluid Plus TJ 30 green Point	167256	Grinding water additive (emulsion) new version, similar functions as above 141635.
Refractometer 0 – 10° Brix	159652	With the Refractometer the emulsion concentration can be precisely controlled.
MDC-TJ Anti-foam special	023305	Anti-foam can be dosed to the grinding water (megafluid) during strong foaming, add in small quantities to reduce foaming.
Candle filter 5 µm	167071	Fine filter for the grinding water, 6 pieces per filter boiler, 30 pieces per packing.



DUOSTAR



<i>Product name</i>	<i>Part No.</i>	<i>Description</i>
Filter fleece 750 mm	146054	Pre-filter to hold back splinters and rough particles (chrome splinters), only for band filters in DUOSTAR illustration.
Sliding way oil Blasol 745	013954	Sliding ways oil

FINISHSTAR



<i>Product name</i>	<i>Part No.</i>	<i>Description</i>
Grinding stones for copper		
Grinding stone 280 Rotocalco	128268	Rough grinding
Grinding stone 400 Rotocalco	050895	
Grinding stone 500 ShinEtsu	136085	
Grinding stone 600 Rotocalco	128266	
Grinding stone 800 Rotocalco	110464	
Grinding stone 800 ShinEtsu	136084	
Grinding stone 1000 Rotocalco	050896	
Grinding stone 1000 ShinEtsu	136083	
Grinding stone 1500 Rotocalco	018719	
Grinding stone 1500 ShinEtsu	136081	
Grinding stone 2000 Rotocalco	018721	Fine grinding
Grinding stone 2000 ShinEtsu	136079	
Grinding stone 2500 ShinEtsu	133024	
Grinding stone 3000 ShinEtsu	133023	
Grinding stone 3000 Rotocalco	018722	
Grinding stones for zinc and copper		
Grinding stone 1000 Special blue	158392	Rough grinding
Grinding stone 1500 Special blue	187154	
Grinding stone 2000 Special blue	170548	Fine grinding
Grinding stone 3000 Special blue	158391	



Product name	Part No.	Description
Grinding stones for chrome		
Grinding stone DS 6S	124782	Grinding of chrome cylinders.
Grinding stone DS 8S3	023666	
Grinding stone DS 100	061609	
Polishing bands for copper		
Polishing band 9 µm, 100 mm width, SIA	187178	Copper polishing. The grain structure of these polishing bands are treated so that, together with MDC CT 11, a specific desired surface finish can be achieved. Length per roll: 50 m.
Polishing band 9 µm, 200 mm width, SIA	187177	
Polishing band 9 µm, 200 mm width, 3M	131751	
Polishing band 12 µm, 100 mm width, SIA	187181	
Polishing band 12 µm, 200 mm width, SIA	187180	
Polishing bands for copper and chrome		
Polishing band 7 µm, 100 mm width, 3M	132740	Copper and chrome polishing. The grain structure of these polishing bands are treated so that a dull finish is achieved. This allows a more visible cross hatch pattern. Length per roll: 50 m.
Polishing band 7 µm, 200 mm width, 3M	177378	
Polishing band 9 µm, 100 mm width, SIA	135245	
Polishing band 9 µm, 200 mm width, SIA	187176	
Polishing bands for chrome		
Polishing band 15 µm, 100 mm width, 3M	087637	Chrome polishing. The grits of graduations 20 µm and 30 µm are the most commonly used for chrome. Length per roll: 50 m.
Polishing band 15 µm, 200 mm width, 3M	109776	
Polishing band 20 µm, 100 mm width, SIA	187173	
Polishing band 20 µm, 200 mm width, SIA	185267	
Polishing band 30 µm, 100 mm width, SIA	187173	
Polishing band 30 µm, 200 mm width, SIA	185267	
Polishing band 40 µm, 100 mm width, 3M	087635	
Polishing band 40 µm, 200 mm width, 3M	109780	
Auxiliary products		
Plate PKD-650	187951	Spare diamond for grinding stone dressing in the FINISHSTAR.
MDC CT 11 Emulsion	096673	Emulsion for fine polishing bands.
Filter cartridge 5 µm	091254	Filter cartridge for the water filter RW 40.
Filter cartridge 15 µm	091255	
Filter cartridge 25 µm	105404	
Filter paper T40, 480 mm, 150 m	099139	Filter paper for the band filter.
Filter paper T70, 480 mm, 100 m	099144	



FINISHSTAR



Product name	Part No.	Description
MDC Candle filters PP – 1 µm 20" 508/60	015794	Filter candles for additional filter.
MDC Candle filters PP – 5 µm 20" SW 20/PO 05	167071	

Sliding way oil Blasol 745 013954 Sliding way oil.

Auxiliary products for FINISHSTAR Zn/La



Fan wheel 181481 For treatment of zinc cylinders.

Nitric acid 034137 For cleaning of zinc cylinders faces.
MDC TJ 16 127972 For cleaning of zinc cylinders faces.

POLISHSTAR

Product name	Part No.	
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Tools*

Fine milling cassette 21 mm 074.530.065 Fine milling cassette for small spindle Ø 100 mm. Standard-setup: Contour 1.0 – 1.4 µm, web width 55 mm and 6500 U/min.



Rough cutting tools 21 mm 074.530.036 Rough cutter for small spindle Ø 100 mm to resharpen.

POLISHSTAR







Product name	Part No.	Description
One way rough cutter 20 mm	074.530.059	Rough cutter for small spindle Ø 100 mm, resharpening not possible (disposable).
Fine milling cassette 13.2 mm	030.009.145-01	Fine milling cassette for big spindle. Standard-setup: Contour 1.0 – 1.4 µm, web width 70 mm and 3800 U/min.
Fine milling cassette 18 mm	030.009.209	Fine milling cassette for big spindle. Standard-setup: Contour 1.2 – 1.6 µm, web width 80 mm and 3800 U/min.
Fine milling cassette 23 mm	030.009.177	Fine milling cassette for big spindle. Standard-setup: Contour 2.0 – 2.5 µm, web width 90 mm and 4200 U/min.
Rough cutter 13 mm	030.009.164	Rough cutter for big spindle; resharpening possible for web width 62 mm.
Rough cutter 21 mm	030.009.151	Rough cutter for big spindle; resharpening possible for web width 90 mm.
One way rough cutter 20 mm	030.009.190	Rough cutter for big spindle; resharpening not possible for web width 90 mm (disposable).
Side miller right R3 Side miller left L3 Side miller right R5 Side miller left L5	030.450.032 030.450.033 030.450.030 030.450.031	Cutter for the face treatment right and left with radius 3 mm. Cutter for the face treatment right and left with radius 5 mm.



* For the finishing tools of the POLISHSTAR, Daetwyler provides a resharpening service (one way roughcutters are excluded).

POLISHSTAR

	Product name	Part No.	Description
	Auxiliary products Toolbox	182935	Toolbox to store and send the tools. The Toolbox does not need any additional packaging for transportation. For the best possible protection, the box has a foam material insert, for 4-fine milling cassettes or side millers and 6-rough cutting tools.
	MDC Hydrofluid 2000	136962	Emulsions concentrate for hydrostatic.
	Fine filter 1 µm	013320	Fine filter for hydrostatic small and big spindle.
	Filter cartridge 20 µm	013297	Filter cartridge only for big spindle.
	Preliminary filter 25 µm	015485	Preliminary filter for hydrostatic small and big spindle.
	MDC POLISHFLUID	013957	Cutting oil for copper cylinder milling -water soluble.
	MDC POLISHFLUID Nr. 6770/124	162155	Cutting oil for copper cylinder milling non-water soluble.
	Sliding way oil Blasol 745	013954	Sliding way oil.



PLATING

Consumables for Plating Applications



Pretreatment



Product name	Part No.	Description
Electrolytic Degreasing		
MDC Cupro Rapid	015671	Reliable degreasing product that has produced excellent results for many years.
MDC Cleaner EL	158628	Cleaner developed especially for the laser technology and has also proven to be extremely effective for conventional cylinder repair prior to copper or chrome plating.
Manual Degreasing		
MDC Cupro Neat	015672	For the manual cylinder pre-treatment, degreasing and de-oxidizing.
MDC Cupro Proper 25 kg	015675	For the manual cylinder pre-treatment, degreasing and de-oxidizing.
MDC Cupro Proper 5 kg	120608	For the manual cylinder pre-treatment, degreasing and de-oxidizing.
MDC Rotobright 10, 5 kg	102084	For the manual cylinder pre-treatment, degreasing and de-oxidizing.
MDC Rotobright 10, 10 kg	124662	For the manual cylinder pre-treatment, degreasing and de-oxidizing.
Ballard Shell		
MDC Cupro Ballard 1 kg	074175	MDC's Cupro Ballard is a separating solution for the Ballard shell processes that guarantees perfect adhesion of the Ballard shell copper to the base copper, which can easily be removed after printing. Due to increased wastewater and environmental regulations, MDC developed a separating solution that is free of heavy metal and is degradable.
MDC Cupro Ballard 20 pcs. à 50 g	015670	



Base Plating



Product name	Part No.	Description
Nickel Bath		
MDC Nico Sal	15680	MDC Nico Sal is a salt mixture for starting up a nickel bath and enables steel cylinders to be plated with a nickel layer, which serves as an intermediate layer between the steel and the sulfuric acid copper.
MDC carbon filter candles	19535	For electrolyte care. Continuous filtration suited to remove carried over organics.
MDC filter candles 20"	19537	MDC filter candles 1 µm for a continuous electrolyte filtration.
Nickel Pellets S	113072	Nickel anodes with a 99.97 % purity. Required for the deposition of nickel and for filling of the designated anode baskets.
Alkaline Copper Bath		
MDC CuPure ready solution	117631	CuPure is a cyanide-free, alkaline copper process, which makes the direct Pre-Copper plating possible on steel cylinders. Copper is present as copper hydroxide complex.
CuPure CD-1	117630	Supports the anode solubility. Stabilizes the copper metal content in the bath.
MDC CuPure Complex Liquid	181515	To raise the bath density to the necessary value. Strong acid solution, pH-value must be corrected with potassium hydroxide (500 g/l).
Potassium hydroxide solution 500 gr/ltr	117629	For pH-value correction. To raise the pH-value.
MDC Cupro Phosphor	159660	Phosphorus-di-oxidized copper anodes with 0.02 – 0.08 % phosphorus.
Anodes filter candles 20"	19537	MDC filter candles 1 µm for a continuous electrolyte filtration.

Hard Copper Plating



Product name	Part No.	Description
Hard Copper Plating MDC Cupro SAL	015668	Copper sulphate with a purity of min. 98.5 %. Copper content of min. 25.1 %.
MDC Cupro Hard	015669	Hardness additive for acid copper baths, available in liquid or in powder form. Chloride-free hardness additive, available in concentrated, liquid form: 2.5 l concentrate for 25 l consumption solution. Powder form: 1 bag for 10 l consumption solution. The hardness additive is admitted automatically over ampère hour by means of a dosing pump. To eliminate any confusion with the sulphuric acid, the hardness additive is blue in color.
MDC Cupro Hard Powder	092272	
MDC Cupro Met ECU	015667	Copper clippings with a purity of 99.9 %. Phosphorus content < 0.0003 %.
MDC Cupro Met TSI	104128	Copper clippings with especially low oxygen content = less sludge. Purity 99.97 %, Phosphorus content < 0.0002 %.
Anodes filter candles 20"	19537	MDC filter candles 1 µm for a continuous electrolyte filtration.
MDC carbon filter candles	19535	For electrolyte care. Continuous filtration suited to remove carried over organics.



Hard Chrome Plating



Product name	Part No.	Description
Hard Chrome Bath Sulfuric Acid Based		
MDC Chromo Sal	015676	Chromic acid in solid, dust free form for the manual correction of the chromic acid content in chrome electrolytes.
MDC Fumex FT/R	124608	Low foaming wetting agent that reduces the chrome mist and allows ideal wetting of the cylinder surface and improves the rinsing after chrome plating.
MDC lead anodes	125592	Lead anodes to stabilize the Trivalent chrome content.
MDC Pb Cleaner	015677	For the cleaning of the lead anodes (remove lead chromate, anode activation).
High Speed Chrome Bath Cr 624 Td		
MDC CR 624 Catalyst R	124609	Additive for hard chrome baths; increases the efficiency and improves the throwing power. The micro cracks of the chrome surface can be influenced with this additive.
MDC Fumex FT/R	124608	Low foaming wetting agent that reduces the chrome mist and allows ideal wetting of the cylinder surface and improves the rinsing after chrome plating.
MDC CR 624 LR 500	165865	The liquid concentrate has a chromic acid concentration of 500 g/l and contains the necessary amount of catalyst. Automatic dosing is made by ampère hours (improves electrolyte stability). Further advantages of liquid chrome: The cleaning and disposal of the chromic acid containers is no longer necessary, therefore, health risks have been reduced.
MDC lead anodes	125592	Lead anodes to stabilize the trivalent chrome content.
MDC Pb Cleaner	015677	For the cleaning of the lead anodes (removes lead chromate, anode activation).

Dechroming & Deplating



Product name	Part No.	Description
Dechroming		
MDC Dechro M	015678	Chemical dechroming with hydrochloric acid.
MDC Dechro A	015679	Additive to accelerate the dechroming of gravure cylinders, in addition, the passive layer which gets developed prevents etching the underlying copper layer.
MDC Dechro A Special	017141	Ready-to-use dechroming solution eliminates any safety hazards and time consuming process caused by preparing new make-up solutions.
Sodium hydroxide	076662	Dechroming with sodium hydroxide only works when the rectifier is on throughout the entire cycle and also has polarity switching capabilities. Without applied current, there will be no dechroming action. The chrome removed during this process will be in a hexavalent state and must be disposed of properly.

Zinc Plating



Product name	Part No.	Description
Zinc Plating		
Sodium hydroxyd min. 99.0 % Solvey quality	076662	Conducting salt, increases the conductivity.
Sodium carbonate mono hydrate	141854	Should be added to the new Make up. During galvanizing the carbonate content rises continuously and must be frozen out (reduced) with the Carbolux unit. Max. 80 g/l.
MDC LP Carrier	165788	Determines the structure (grain smoothness, grain size) of the zinc layer. Prevents porous and burned coating, particularly in the regions of the high current densities on the cylinder (radius and end), eliminates and prevents the formation of white oxidation of the zinc layers.
MDC LP Brightener	165789	This additive affects the brightness of the zinc-coated surface (brightener additive). The additive MDC LP Brightener controls the layer distribution, especially in the regions of the deep current densities. MDC LP Brightener has also an influence on the hardness of the zinc layer.
MDC LP Purifier	165790	This cleaning additive removes any organic impurities in electrolytes. It helps to eliminate smaller roughnesses on the cylinder. Additive is predominantly used with new zinc electrolytes.
MDC LP Conducting Salt	165791	This salt stabilizes the alkaline content in electrolytes.
MDC LP Met Balls	176391	Zinc anodes in spherical shape F 50 mm of purity 99.995 %.
Bag filter PO – 100 P15	124346	Installed at the discharge position of the return pipe on the external dissolving tank. Intercepts suspended particles, which develop during the dissolution of zinc in the external dissolving tank.
Filter cartridges 20"	019537	For a continuous bath filtration of the zinc electrolyte.

Order form

<i>Order part</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>

<p>Order number: _____</p> <p>Company name: _____</p> <p>Contact person: _____</p> <p>Phone: _____</p> <p>Fax: _____</p> <p>Email: _____</p> <p>Required delivery date: _____</p> <p>Signature & Company stamp: _____</p>	<p>Mode of delivery:</p> <p>Air freight <input type="checkbox"/></p> <p>See freight <input type="checkbox"/></p> <p>Courier (express) <input type="checkbox"/></p> <p>Truck <input type="checkbox"/></p>
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Details will follow on the order confirmation as soon as possible.



PLATING
FINISHING
LASER
ENGRAVING
PREPRESS
AUTOMATION
DOCTOR BLADES
CONSUMABLES
PERIPHERALS
DIGILAS

Daetwyler is a worldwide leader in developing and producing equipment for the form preparation for gravure and flexo printing. MDC is also a supplier of quality **CONSUMABLES** for the different plating and engraving processes. Our range of galvanic technical products includes several degreasing and cleaning chemicals, electrolytic plating products with anodes, and additives especially developed for gravure printing. Polishing stones, abrasion tapes and cleaning solutions for the finishing of cylinder surfaces are also available. Another specialty of Daetwyler is the high precision diamond tools for mechanical surface treatment of the cylinders or for electromechanical engraving. A wide variety of lubricants and oils are also available. We are the only manufacturer of prepress process equipment for both gravure and flexo worldwide, which produces more than 80 % of our products in-house. Together with the galvanic equipment, cylinder surface treatment, EM-engraving, laser engraving, automatic cylinder transportation, specialty software (for cylinder layout) as well as MDC Doctor Blades, using our equipment forms a fully automated process line.

Daetwyler – the **“single source”** for all your printing needs.



Daetwyler
INNOVATIONS FOR THE PRINTING INDUSTRY



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