


PRODUCT BASICS

METZNER AM 1000 RANGE

Machines for Cable Cutting and Stripping

Description	Part No.	Price in €
1. Machine		
	<p>Automatic cable assembly machine for cutting and stripping cables, strands and wires up to 10 mm diameter and 6 mm² cable cross section (optional 10mm²; depending on material).</p> <p>Basic equipment:</p> <ul style="list-style-type: none"> • PC • 12" touch screen (can be folded away) • PLC incl. digital input and digital output, safety card (for emergency stop), analog output • 1x 24V power supply • 2x 48V power supply • Switch • Network connection • Connections for external devices: • Sag control (4-point DHS, connection to 12-pin socket) • 1x external device (connection to 23 pin socket, without power supply) • Compressed air connection • Quick-change system for guides and feed rollers • 230-06899 V-knife set (AM1000) • 230-06680 Maintenance unit 	<p>AM 1000</p> <p>125-01068</p> <p>12.200,00</p>

Description	Part No.	Price in €
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2. Packages


2.1. Starter-Kit (Starter-Kit only in combination with the machine; not available separately; not customizable)

	<p>Starter-Kit</p>	<p>Includes:</p> <ul style="list-style-type: none"> • 1x 313-12397 Guide bush Ø2 "A" inlet • 1x 203-05018 Guide tube Ø2 • 1x 313-12221 Guide bushing Ø2 "C" outlet • 1x 313-12395 Guide bushing Ø4 "A" inlet • 1x 203-05020 Guide tube Ø4 • 1x 313-12222 Guide bushing Ø4 "C" outlet • 1x 313-12394 Guide bushing Ø6 "A" inlet • 1x 203-05022 Guide tube Ø6 • 1x 313-12197 Guide bushing Ø6 "C" outlet • 1x 203-04748 Drive roller set plasma coated • 1x 500-01782 Case for storage of the parts 	<p>208-10942</p>	<p>992,00</p>
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2.2. Connection Package

	<p>Connection Set</p>	<p>Includes:</p> <ul style="list-style-type: none"> • 001-0610.1 EMERGENCY STOP Connection • 001-0610.1-Stecker Plug for EMERGENCY OFF Connection • 001-0610.2-Stecker Plug for Loop Control • 001-0610.5-Stecker External devices 23pin (Plug for X-Ext. 1) Plug for X-Ext. 1 • 001-0610.3 Connection for Encoder + Print Go for printer (X- Pri 1) 7pol. + LAN Printer Connection • 001-0610.6 Ext. 230V socket C13 (X-Ext 2 + E-Ext 3) for feeder/stacker/cable ring winder • 001-0610.10 Connection for Feeder / ring winder (Addition to be able to connect an encoder at the outlet) • 230-06679 Encoder on the outfeed side (For RAMA devices or cable ring winders) 	<p>001-0610.101</p>	<p>990,00</p>
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Description		Part No.	Price in €
2.3. AM 1000 Printing (non-pigmented)			
 <p>Printer Package for 1 Printer black non-pigmented</p>	<p>Includes:</p> <ul style="list-style-type: none"> • 1x Ink-Jet 03 Up inkjet printer, for non-pigmented ink • Integration in Metzner processing machine • Head ventilation, as protection against heat and dust • Mounting device for ink jet head • Cleaning set • 001-0610.3 Rotary encoder connection for printer (X-Pri 1) 7pol. + LAN • 001-0610.3-JET3-2M Cable 2 meters + incl. both connectors • Length measuring unit • Underframe with straightening station and backstop • Cleaning station mounted at underframe • Training inkjet printer in the house of the company Metzner, for max. 3 persons and as part of the pre-acceptance. (The training does not include accommodation costs) <p>Suitable ink and solvent must be selected separately from the enclosed list and is not included in this position</p>	230-08099	25.200,00
2.4. AM 1000 Printing (pigmented)			
 <p>Printer Package for 1 Printer white / colored pigmented</p>	<p>Includes:</p> <ul style="list-style-type: none"> • 1x Ink-Jet 03 Up inkjet printer, for pigmented ink • Integration in Metzner processing machine • Head ventilation, as protection against heat and dust • Mounting device for ink jet head • Cleaning set • 001-0610.3 Rotary encoder for printer (X-Pri 1) 7pol. + LAN • 001-0610.3-JET3-2M Cable 2 meters + incl. both connectors • Length measuring unit • Underframe with straightening station and backstop • Cleaning station in underframe • Training inkjet printer in the house of the company Metzner, for max. 3 persons and as part of the pre-acceptance. (The training does not include accommodation costs) <p>Suitable ink and solvent must be selected separately from the enclosed list and is not included in this position</p>	230-08098	26.100,00

Description	Part No.	Price in €
2.5. AM 1000 Printing with 2 printers		
 <p>Printer Package for 2 Printer 1x pigmented & 1x non-pigmented</p>	<p>Includes:</p> <ul style="list-style-type: none"> • 1x Ink-Jet 03 Up inkjet printer, for non-pigmented ink • 1x Ink-Jet 03 Up inkjet printer, for pigmented ink • Integration in Metzner processing machine • Head ventilation, as protection against heat and dust • Mounting device for ink jet head • Cleaning set • 001-0610.3 Rotary encoder for printer (X-Pri 1) 7pol. + LAN • 001-0610.31 Rotary encoder for printer (X-Pri 2) 7pol. + LAN • 001-0610.3-JET3-2M Cable 2 meters + incl. both connectors 2x • Length measuring unit • Underframe with straightening station and backstop • Cleaning station in underframe • Training inkjet printer in the house of the company Metzner, for max. 3 persons and as part of the pre-acceptance. (The training does not include accommodation costs) <p>Suitable ink and solvent must be selected separately from the enclosed list and is not included in this position</p>	<p>230-08100</p> <p>45.200,00</p>
2.6. Wear parts set		
<p>Wear parts set</p>	<p>Includes:</p> <ul style="list-style-type: none"> • 1x 230-06899 V-blade set (AM1000) • 2x 318-05629 bevel gear M1.5 15Z • 2x 318-05524 Bevel gear machined M1,5 30Z • 1x 327-00888 Filter for fan 80x80 • Drive rollers; choose from the following sets: <ul style="list-style-type: none"> <input type="checkbox"/> 1x 203-04744 Drive roller set, steel knurled fine <input type="checkbox"/> 1x 203-04745 Drive roller set, coarse knurled steel <input type="checkbox"/> 1x 203-04746 Drive roller set, rubber PUR bl ShA 80 <input type="checkbox"/> 1x 203-04747 Drive roller set, elastomer grey ShA 70 <input type="checkbox"/> 1x 203-04748 Drive roller set plasma-coated 	<p>230-06895</p> <p>2.074,00</p>


Description	Part No.	Price in €
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3. Single Parts


3.1. Drive roller sets (4 rollers per set)


	Drive roller set	4x steel knurled fine	203-04744	440,00
	Drive roller set	4x steel knurled rough	203-04745	440,00
	Drive roller set	4x rubber PUR black ShA 80	203-04746	440,00
	Drive roller set	4x rubber elastomer grey ShA 70	203-04747	440,00
	Drive roller set	4x plasma-coated	203-04748	440,00





3.2. Inlet-Guides






	Inlet guide	Inlet guides, material: brass (MS58)		128,00
		diameters:		
		Ø 2 mm	313-12397	
		Ø 4 mm	313-12395	
		Ø 6 mm	313-12394	
		Ø 8 mm	313-12393	
Ø 10 mm	313-12387			

3.3. Outlet-Guides

	Outlet guide	Outlet guides, material: brass (MS58)		145,00
		diameters:		
		Ø 2 mm	313-12221	
		Ø 4 mm	313-12222	
		Ø 6 mm	313-12197	
		Ø 8 mm	313-12223	
		Ø 10 mm	313-12127	

Description		Part No.	Price in €
3.4. Swivel Tubes			
	Swivel tube	Swivel tubes, material: stainless steel (1.4301)	
		diameters:	
		Ø 1mm	203-05017
		Ø 2 mm	203-05018
		Ø 3 mm	203-05019
		Ø 4 mm	203-05020
		Ø 5 mm	203-05021
		Ø 6 mm	203-05022
		Ø 8 mm	203-05023
		Ø 10 mm	203-05024
			135,00

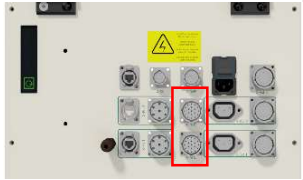
3.5. Knife sets												
	V-Blade-Set	Includes:	230-06899	292,00								
		<ul style="list-style-type: none"> • 2 V-blades Material: tool steel Angle: 90°										
	Radius-V-Blade-Set	Includes:	203-05559 203-05560 203-05561 203-05562 203-05563 203-05564	352,00								
		<ul style="list-style-type: none"> • R=0,5 mm • R=1 mm • R=1,5 mm • R=2 mm • R=2,5 mm • R=3 mm 										
					Solid Wire Knife Set	Includes:	203-05079	362,00				
						<ul style="list-style-type: none"> • 2 solid wire knives Material: high alloy tool steel Angle: 90°						
									Flat Belt Knife Set	Includes:	230-07251	345,00
										<ul style="list-style-type: none"> • 2 flat belt knives Material: tool steel		

Description		Part No.	Price in €
4. Options			
4.1. Production table			
	Production table	Production Table for mounting the AM1000 with one drawer	200-03465 1.793,00
4.2. Length Measuring System			
	Length measuring system	Includes: <ul style="list-style-type: none"> • Rotary Encoder • 2 drive rollers, plasma coated • Mechanical and electrical integration • Software Module 	230-06647 2.190,00
4.3. Straightener			
	Straightener	Includes: <ul style="list-style-type: none"> • 2 pairs of rollers, centrally adjustable (not in combination with length measuring system!)	230-06684 1.200,00
4.4. Encoder Outlet Side (for Ring Winder, Stacker)			
	encoder outlet side	for ring winder, stacker Integrated in Metzner AM 1000 to control the synchronisation of the following peripherals	230-06679 576,00
4.6. Conversion kit flat belt			
	Conversion kit flat belt	Includes: <ul style="list-style-type: none"> • 1x Guide tube for flat belt width 10mm • 1x 230-07251 Flat belt knife set (AM1000) • 1x Guide bush "C" flat belt 10mm 	208-09558 Cable dependent
4.7. Base Frame			
	Base Frame	Base frame made of anodized aluminum profile for mounting the AM38X0 and peripheral devices. Price per meter	200-01798 791,00


Description	Part No.	Price in €
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5. Connections

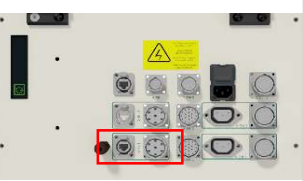

5.1. Emergency Stop Function for External Devices



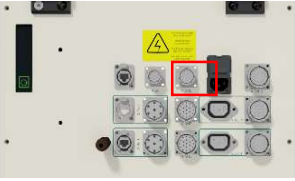
	Emergency stop function for external devices	Includes: <ul style="list-style-type: none"> Integration of the emergency stop from the upstream/downstream switching device in the emergency stop cycle of AM1000 	001-0610.1	480,00
	Option ext. emergency stop	Includes: <ul style="list-style-type: none"> Connector for integrating the emergency stop from the ballast/switchgear into the emergency stop cycle of the AM1000. 	001-0610.1-Stecker	481,00

5.2. Analogue Loop Control

	Interface for analogue loop control	Includes: <ul style="list-style-type: none"> Electrical and software integration (Connector socket 12-pin available as standard; conversion kit from 10-pin to 12-pin: 001-0610.8) Must only be ordered if the DHS is connected directly to the Metzner AM1000. If the DHS is connected to a feeder, the position is not necessary. 	001-0610.2	437,00
	Interface for analogue loop control	Includes: <ul style="list-style-type: none"> Connector plug 12 pin 	001-0610.2-Stecker	81,00

5.3. Encoder

	Printer Connection	Connection encoder for the first printers/HPG	001-0610.3	425,00
	Printer Connection	Connection encoder for the second printers/HPG	001-0610.31	425,00

Description		Part No.	Price in €
5.4. Connection for External Devices			
	Option ext. Devices	<p>Includes:</p> <ul style="list-style-type: none"> • Mechanical and electrical integration for connecting e.g. feeding device, material stacker, ring winder • Software technical preparation <p>Attention: order 1x if only one external (optional) device is to be connected; order 2x if two external (optional) devices are to be connected</p>	001-0610.5 202,00
	Option ext. Devices	<p>Includes:</p> <ul style="list-style-type: none"> • Connectors for mechanical and electrical integration to connect e.g. feeder, material dispenser, ring winder. • Attention: order 1x if only one external (optional) device is to be connected; order 2x if two external (optional) devices are to be connected 	001-0610.5-Stecker 81,00
	Option ext. Devices	<p>Includes:</p> <ul style="list-style-type: none"> • Connector for mechanical and electrical integration for connecting the dispensers of the company AAT Aston. 	001-0610.5-ABL.AAT 432,00
	Option ext. Devices	<p>Includes:</p> <ul style="list-style-type: none"> • Connector for mechanical and electrical integration for connecting the dispensers of Ulmer Company. 	001-0610.5-ABL.ULME 432,00
	Option ext. 230 V	<p>Includes:</p> <ul style="list-style-type: none"> • Mechanical and electrical integration for the power supply of max. 2 devices, e.g. feeder, material stacker, ring winder • Software preparation <p>• Attention: Order 1x if only one external device is to be supplied with voltage; order 2x if two external devices are to be supplied with voltage</p> <p>Attention: order 1x if only one external device is to be supplied with power; order 2x if two external devices are to be supplied with power</p>	001-0610.6 202,00
	Option ZFG 12/19pol Adapter	<p>Includes:</p> <ul style="list-style-type: none"> • Connector from 12 pin to 19 pin • Must always be ordered if a feeder is to be connected 	001-0610.7 130,00

Description		Part No.	Price in €
6. Programming the machine for customers			
Commissioning	Programming of the machine for customer cables and test with customer material; including 50 samples according to customer specifications.	KS-Muster	650,00

Description		Part No.	Price in €
7. Operator training (1 Day for up to 3 participants)			
Training	Training (1 day for up to 3 participants) <ul style="list-style-type: none"> • Operation • Programming • Creation of customer-specific programmes • Maintenance and care • Exchange of wear parts 	Training	960,00

8. Delivery information		
Standard delivery time		
AM 1000 basic machine		Basic machine & starter kit: 2 weeks when on stock, otherwise approx. 8 weeks
AM 1000 basic machine combined with peripherals		Depending on the combination selected, approx. 6-8 weeks
Delivery terms		
Incoterm 2020, FCA Metzner Maschinenbau GmbH, Neu-Ulm		
Warranty terms		
Our company observes the warranty provisions according to current European Union law.		
Extension of the warranty to 2 years	800-00030	417,00
Packaging	Part No.	Price in €
AM 1000 basic machine packaging for road transport Europe	604-05298	240,00
AM 1000 basic machine packing for sea freight/air freight international	604-05299	583,00
AM 1000 basic machine + peripheral equipment		Price on request, depending on the type of packaging and shipment
Dimensions and weights (packed condition)	Dimensions (W x H x D)	Weight
604-05298	600 x 550 x 800 (23,62" x 21,65" x 31,50 ")	50 (110 lbs) kg for road transport; 70 kg (154,323 lbs) for sea transport and air freight
604-05299	1440 x 890 x 950 mm (56.7" x 35.1" x 37.4")	
Customs information		
Origin	Germany	
Customs Tariff Number	84 79 81 00	

Specifications and prices are subject to change. All prices are valid until 01.01.2024