


PRODUCT BASICS


METZNER Triathlon




Machines for Cable Cutting and Stripping

Description	Part No.	Price in €
1. Machines		
	<p>Triathlon 2000 for automatic cable cutting, stripping and crimping in one single operation</p> <p>All Triathlon 2000 including following modules:</p> <p>Cutting and stripping</p> <ul style="list-style-type: none"> · Cutting power for cables up to 6 mm² · Cable processing up to 6 mm in diameter · Roller feed · Rugged design for industrial use · Wire straightener to straighten and guide wires and cables · Automatic production stop at material end · Set of guides 1,5mm² and 2,5mm² included · Material direction: left to right <p>Labelling</p> <p>Two ink-jet printer: black and white Ink included</p> <ul style="list-style-type: none"> · Individual marking and printing of all cables up to 6 mm dia. · Automatic printing in processing direction without reducing processing output · 7 different print texts per cable selectable · Font size selectable for different cable diameters · Housing made of stainless steel · Printer head ventilation as a standard to protect against overheating and dust · With printer head holder and cable guiding for optimum marking results · incl. cleaning set for inkjet printer · incl. 6 bottles of solvent · incl. 1 day training on inkjet printer for up to 3 participants at Metzner in Neu-Ulm / Germany (travel costs, accommodation, expenses are excluded) 	


Description		Part No.	Price in €
	<p>PC and cable managing software</p> <ul style="list-style-type: none"> · Convenient software program with an automatic production process for complex parts lists with multifarious processing and printing parameters · Simple and secure data entry by graphical operator guidance · Storage of all processing parameters in one material library · Time-saving creation of new processes by using and/or changing data from the material library · Data entry via "offline" or "online" integration into IT networks with network interface card (option) · Metzner managing software (preinstalled) for automatic production process for complex parts lists with multifarious processing and printing parameters. · PC · Extended interface equipment · TFT screen (19") · Keyboard with mouse · Windows 7 (preinstalled) 		

		<p>Triathlon 2000, 2 ink-jet printers strapped ferrules Crimping</p> <ul style="list-style-type: none"> · Automatic crimp function for wires from 0,5 up to 2.5 mm² · Crimper for strapped ferrules type G UNIC · Processing of finely stranded copper conductors according to DIN VDE 0295 	121-00124	87.800,00
		<p>Triathlon 2000, 2 ink-jet printers loose ferrules Crimping</p> <ul style="list-style-type: none"> · Automatic crimp function for wires from 0,5 up to 2.5 mm² · Crimper for loose ferrules type G UNIC · Processing of finely stranded copper conductors according to DIN VDE 0295 	121-00136	89.900,00
		<p>Triathlon 2000, 2 ink-jet printers, 5 strapped ferrules reels</p> <ul style="list-style-type: none"> · Automatic crimp function for wires from 0,5 up to 2.5 mm² · Crimper for 5 different strapped ferrules type GVM UNIC · Processing of finely stranded copper conductors according to DIN VDE 0295 	121-00159	89.500,00


Description		Part No.	Price in €
	<p>Triathlon 3000</p> <p>Triathlon 3000 for automatic cable cutting, stripping and crimping in one single operation</p> <p>Features as described above but with following technical data:</p> <p>Crimping up to 4 mm² conductor section Cable preparation up to 35 mm² and 15 mm in diameter</p> <p>Cable processing: Cutting, stripping and slitting of cables up to 15mm diameter and 35mm² cross-section.</p> <p>Set of guides included: diameter 3,5,7,9,11,13,15 (mm)</p>		
	<p>Triathlon 3000, 2 ink-jet printers strapped ferrules Crimping</p> <ul style="list-style-type: none"> · Automatic crimp function for wires from 0,5 up to 2.5 mm² · Crimper for strapped ferrules type G UNIC · Processing of finely stranded copper conductors according to DIN VDE 0295 	121-00127	98.400,00
	<p>Triathlon 3000, 2 ink-jet printers loose ferrules Crimping</p> <ul style="list-style-type: none"> · Automatic crimp function for wires from 0,5 up to 2.5 mm² · Crimper for loose ferrules type G UNIC · Processing of finely stranded copper conductors according to DIN VDE 0295 	121-00132	100.500,00
	<p>Triathlon 3000, 2 ink-jet printers, 5 strapped ferrules reels</p> <ul style="list-style-type: none"> · Automatic crimp function for wires from 0,5 up to 2.5 mm² · Crimper for 5 different strapped ferrules type GVM UNIC · Processing of finely stranded copper conductors according to DIN VDE 0295 	121-00158	104.900,00

Description		Part No.	Price in €
2. Cutting blades			
2.1. Cutting blade			
	Triathlon 2000	For processing you need two pieces of V-cutting blades; the part number specified includes one piece of V-cutting blade.	319-1049 89,00
2.2. V-Cutting blades			
	Triathlon 3000	For processing you need two pieces of V-cutting blades; the part number specified includes one piece of V-cutting blade.	319-02514 174,00
2.3. Slitting blades			
	Triathlon 3000	(set consisting of upper blade & lower blade) Slitting blades set Cutting depth: A = 0,5 mm (0.02") Slitting blades set Cutting depth: A = 0,7 mm (0.03") Slitting blades set Cutting depth: A = 1,0 mm (0.04") Slitting blades set Cutting depth: A = 1,5 mm (0.06") Slitting blades set Cutting depth: A = 2,0 mm (0.08") Part number specified includes one upper blade and one lower blade.	203-02790 203-02791 203-02792 203-02835 203-02836 345,00


2.4. Radius-V-cutting blade

	<p>Triathlon 3000</p>	<p>For processing you need two pieces of radius-V-cutting blades; the part-number specified includes one radius-V-cutting blade.</p> <p>R = 0,5 R = 1 R = 1,5 R = 2 R = 2,5 R = 3 R = 4 R = 4,5 R = 5 R = 5,5 R = 6 R = 6,5 R = 7 R = 7,5 R = 9.5</p>	<p>319-02911 319-02968 319-02969 319-02928 319-02929 319-02916 319-02917 319-02931 319-02918 319-02973 319-02919 319-03249 319-03250 319-04222 319-03484</p>	<p>155,00</p>
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2.5. Radius stripping blades

	<p>Triathlon 3000</p>	<p>For processing you need two pieces of radius stripping blades; the part number specified includes one radius stripping blade.</p> <p>Ø 1 Ø 1,5 Ø 2 Ø 2,5 Ø 3 Ø 3,5 Ø 4 Ø 4,5 Ø 5 Ø 5,5 Ø 6 Ø 6,5 Ø 7 Ø 7,5 Ø 8 Ø 9 Ø 10 Ø 11 Ø 13 Ø 13,5 Ø 14 Ø 14,5</p>	<p>319-01759 319-02697 319-01716 319-01762 319-01717 319-01667 319-01718 319-01719 319-01524 319-01589 319-01722 319-01724 319-01724 319-01661 319-01727 319-01815 319-01525 319-01521 319-01567 319-02207 319-01906 319-02587</p>	<p>130,00</p>
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2.6. Cable specific radius stripping blades

	<p>Triathlon 3000</p>	<p>For processing you need two pieces of radius stripping blades; the part-number specified includes one radius stripping blade. Cable specific radius possible.</p>	<p>319-03247</p>	<p>130,00</p>
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2.7. Cable specific Radius-V-cutting blade

	<p>Triathlon 3000</p>	<p>For processing you need two pieces of radius-v-cutting blades; the part-number specified includes one radius-v-cutting blade. Cable specific radius possible.</p>	<p>319-03248</p>	<p>235</p>
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Description	Part No.	Price in €
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3. Printing unit

	<p>Inkjet printer for pigmented ink</p> <ul style="list-style-type: none"> - Integration to Metzner cutting machine - Support for printer head - Wire straightener - Ventilation for printer head - Holding fixture device for printer head - Cleaning set for inkjet printer - Cleaning station - White ink, pigmented, 1 bottle - Solvent for Metzner, 6 bottles - Equipment with PC for Metzner machines - Metzner Batch list management software - Training ink jet printer <p>Ink on demand in different colors</p>	<p>500-01303</p>	<p>13.800,00</p>
	<p>Inkjet printer for non-pigmented ink</p> <ul style="list-style-type: none"> - Integration to Metzner cutting machine - Support for printer head - Wire straightener - Ventilation for printer head - Holding fixture device for printer head - Cleaning set for Metzner Ink Jet - Cleaning station - Black ink, non-pigmented, 1 bottle - Solvent, 6 bottles - Equipment with PC for Metzner machines - Metzner Batch list management software - Training ink jet printer <p>Ink on demand</p>	<p>500-01296</p>	<p>11.500,00</p>

Description		Part No.	Price in €
4. 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 €
6. 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

Description		Part No.	Price in €
7. Delivery information			
Standard delivery time			
Triathlon 2000, 3000 & 3000+ basic machine		ex stock 4 weeks, up to 24 weeks if not on stock	
Triathlon 2000, 3000 & 3000+ basic machine combined with peripherals		delivery time on request	
Delivery terms			
Incoterm 2020, FCA Metzner Maschinenbau GmbH, Neu-Ulm			
Warranty terms			
Our company observes the warranty provisions according to current European Union law.			
Triathlon 2000, 3000 & 3000+ warranty extension: 2 years warranty		on demand	
Packaging	Part No.	Price in €	
Triathlon 2000, 3000 & 3000+ (basic machine w/o peripherals), for domestic & central European shipment	Z01	800,00	
Triathlon 2000, 3000 & 3000+ machine and peripherals fully assembled to a production line	Z01	Price on request, depending on the type of packaging and shipment	
Dimensions and weights (packed condition)	Dimensions (W x H x D)	Weight	
Triathlon 2000	Information on request		
Triathlon 3000	Information on request		
Triathlon 3000+	Information on request		
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.