



MULTI-PROCESS Warrior 500i ECHO + RobustFeed AVS, AVS ECHO

Part Number	0448550880
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STEP 1

Powersource Selection

Technical Information	
Input voltage	380-415 V, ±10%, 3~ 50/60 Hz 380-415 V, ±10%, 3~ 50/60 Hz
Setting range MIG (GMAW/FCAW)	16 - 500 A
Setting range MMA(SMAW)	16 - 500 A
Setting range TIG (GTAW)	5 - 500 A
Open circuit voltage	56 V peak (no VRD) 28 V peak (w/ VRD)
Efficiency @ max current Mig	90%
Power factor @ max current Mig	0.91
Welding output MIG	500 A/39.0 V @ 60% duty cycle 400 A/34.0 V @ 100% duty cycle
Welding output TIG	500 A/30.0 V @ 60% duty cycle 400 A/26.0 V @ 100% duty cycle
Welding output MMA	500 A/40.0 V @ 60% duty cycle 400 A/36.0 V @ 100% duty cycle
Recommended slow fuse	32 A
Energy saving mode	30 W
Operating temperature	-10° to 40° C
Protection class	IP23
Application class	S
Insulation class	H
Dimensions L x W x H	712 x 325 x 470 mm 712 x 425 x 700 mm w/ cooling unit
Weight	59 kg 74 kg with cooling unit
Approvals	CE, Eco Design

STEP 2

Wire Feeder Selection

All feeders are suitable only for air cooling.

Product Family	Product Name	Part No.	Volt adjustment	Volt loss compensation	Gas Flow meter	IP	Front V/A Display	Gas purge/finishing	2T/4T	Creep Start	CC/CF Mode	Circuit breaker	Euro connector	Fan
RobustFeed	RobustFeed AVS ECHO	0448700880	x	x	x	54	x	x	x	x	x	x	x	x
	RobustFeed AVS flowmeter	0446700881			x	44	x	x	x	x	x	x	x	x
	RobustFeed AVS	0446700880				44	x	x	x	x	x	x	x	x

STEP 3


Torches Selection

Product Family	Product Name	3 m	4 m	5 m
Mig torches	EXEOR PSF 415 Air cooled	0700026406	0700026407	0700026408
Mig torches	EXEOR PSF 515 Air cooled	0700026411	0700026412	0700026413

STEP 4

Trolley

Product Name	Part No.
Trolley For Aristo 500ix/Warrior	0349313450



STEP 5

Accessories Information


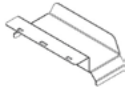



Product Name	Part No.
Guide pin extension kit (necessary if feeder wheel kit is selected)	0465508880
Wheel kit powersource	0465416880
Wheel kit RobustFeed	0446081880
Torch strain relief RobustFeed	0446082880
Trolley retrofit kit for RobustFeed - To fit RobustFeed on existing Warrior Trolley 04655108	0349313100
Quick connector marathon pack	F102440880

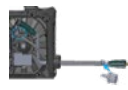


Product Name	Part No.
Remote control unit and kit connected to power source	
Remote control unit AT1 MMA and TIG current	0459491896
Remote control unit AT1 CF MMA and TIG: course and fine setting of current	0459491897
Foot control FS002 MMA and TIG: current	0349090886
Remote interconnection cables 5 m (16 ft.) 10 m (33 ft.) 15 m (49 ft.) 25 m (82 ft.)	0459552880 0459552881 0459552882 0459552883
Remote outlet kit	0465424880

Continued overleaf

STEP 5

Accessories Information

Product Name	Part No.	
Interconnection strain relief kit (for update of cables without strain relief)	0446050880	
Cable mounting bracket	0446877880	
Counterbalance Arm RobustFeed Requires stabilizer kit 0465509880	0448181880	
Coolant 10l	0465720002	
Stabilizer kit for counterbalance	0465509880	





Product Name	Part No.	
"Pig tail" Interconnection cable SR CE 0,6m (24 in.)	0446675880	
OKC female cable connector 50mm2	0160361881	
OKC male cable connector 50mm2	0160360881	

STEP 6





Wear Part List

Product Family	Product Name
Wear part RobustFeed	n.a.




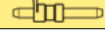
Wears part for carbon steel, stainless and cored wires

Wire Diameter mm									Feed Roller	Inlet Wire Guide	Middle Wire Guide	Outlet Wire Guide	
	0.6	0.8	0.9/1.0	1.2	1.4	1.6	1.8	2					
V-groove 	X	X							X	0445850001	 Wire dia 0.9 - 1.6 0445822001 (2 mm)	 0446080882	 0445830881
		X	X							0445850002			
			X							0445850003			
				X	X					0445850004			
					X					0445850005			
						X	X			0445850006			
								X		0445850007			

Wears part for cored wires - different wire guides dependent on wire diameter

Wire Diameter mm									Feed Roller	Inlet Wire Guide	Middle Wire Guide	Outlet Wire Guide	
	0.9/1.0	1.2	1.4	1.6	1.8	2.0	2.4						
V-K-knurled 	X	X							X	0445850030	 Wire dia. 0.9 - 1.6 0445822001 (2 mm)	 0446080882	 0445830881
		X								0445850031			
			X	X						0445850032			
					X					0445850033			
						X				0445850034			
							X			0445850035			
								X		0445850036			

Wears part for aluminium

Wire Diameter mm									Feed Roller	Inlet Wire Guide	Middle Wire Guide	Outlet Wire Guide	
	0.6	0.8	0.9/1.0	1.2	1.4	1.6	1.8						
U-groove 		X							X	0445850050	 Wire dia. 0.9 - 1.6 0445822001 (2 mm)	 0446080881	 0445830885
			X							0445850051			
				X			X			0445850052			