



MULTI-PROCESS Warrior 750i

Part Number	044555880
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STEP 1

Powersource Selection

Technical Information	
Input voltage	380 - 460V, +/- 3 - 50/60Hz
Setting range MIG (GMAW/FCAW)	16A / 15V - 820A / 44V
Setting range MMA (SMAW)	15A / 15V - 820A / 44V
Setting range TIG (GTAW)	10A / 10V - 820A / 34V
Gouging (CAC - A)	100A / 18V - 850A / 44V
Open circuit voltage	63/89 V peak DC (no VRD) 25/33 V peak DC (with VRD)
Efficiency @ max current	91%
Power factor @ max current	0.91
Permissible load MIG/MMA (GMAW/SMAW)	820A / 44V @60% duty cycle 750A / 44V @100% duty cycle
Permissible load TIG (GTAW)	820A / 34V @60% duty cycle 750A / 34V @100% duty cycle
Gouging	850A / 44V @35% duty cycle 820A / 44V @60% duty cycle 750A / 44V @100% duty cycle
No load power in energy saving mode	25 W
Operating temperature	-10° to 40° C
Protection class	IP23
Application class	S
Isolation class	H
Dimensions L x W x H	850 x 415 x637 mm
Weight	101 kg
Approvals	CE, Eco Design

STEP 2

Cooling Unit Selection

Optional. If you include, select the appropriate water cooled components

Product Family	Product Name	Ordering Part Number	Cooling Power	Max Water Flow	Coolant Quantity	Max Pressure Lift for Torch Qmax	Power Consumption	Weight
Cooling unit	Cool 2 Stand Alone	0465427881	1 kW	1.8 l/Min	4.5l	4.6 bar	40V/2A, 50-60Hz	15.5 kg

Panel Information

Product Family	Product Name
Multiprocess	Warrior 750 CC/CV

Standard Functions

Available on powersource

MIG CV
MMA
TIG (Live Tig)
GOUGING
AVS FEEDER
MMA Cel/Rut/basic selector
Inductance (MIG)
Arc Force (MMA)

STEP 3

Wire Feeder Selection

All wire feeders are suitable for water cooling

Product Family	Product Name	Ordering Part Number	Flowmeter & Heater
RobustFeed	RobustFeed PRO Water	0445800881	No
	RobustFeed PRO Water Off Shore	0445800883	Yes

STEP 4

Connection Cable Selection

Product Family	Product Name	1,7 m	5 m	10 m	15 m	25 m	35 m
Connection cable	70mm ² Air cooled	0446160880	0446160881	0446160882	0446160883	0446160884	0446160885
Connection cable	70mm ² Water cooled	0446160890	0446160891	0446160892	0446160893	0446160894	0446160895
Connection cable	95mm ² Air cooled	0446160980	0446160981	0446160982	0446160983	0446160984	0446160985
Connection cable	95mm ² Water cooled	0446160990	0446160991	0446160992	0446160993	0446160994	0446160995

STEP 5

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
Mig torches	EXEOR PSF 420W Water cooled	0700026415	0700026416	0700026417
Mig torches	EXEOR PSF 430W Water cooled	0700026420	0700026421	0700026422
Mig torches	EXEOR PSF 520W Water cooled	0700026425	0700026426	0700026427

Note: 430W and 520W models have dual-circuit cooling

















STEP 6

Trolley

Product Name	Part No.	
Trolley 4 wheels air cooled	0446398880	
Trolley 4 wheels water cooled	0446270880	

STEP 7

Accessories Information


Product Name	Part No.		Product Name	Part No.	
Gouging cables, 95 mm ²	0413768897 - 5m 0413768898 - 10m 0413768899 - 15 m 0413768880 - 18m 0413768881 - 21m 0413768882 - 24m 0413768883 - 27m 0413768884 - 30m		Interconnection strain relief kit (for update of cables without strain relief)	0446050880	
K4000 • Heavy-duty general-purpose torch • Accepts 5/32" (4.0 mm) to 1/2" (13 mm) round electrodes and 3/8" (9.5 mm) and 5/8" (16 mm) flat electrodes • Maximum of 1000 A	61082008		Lug to OKC Adapter	0446507880	
Tri ARC • Heavy-duty general-purpose torch • Accepts 5/16" (7.9 mm) to 1" (25 mm) round electrodes • Maximum of 2200 A	62991417		Coolant 10l	0465720002	
Wheel kit robust feed	0446081880		Foot Control FS002	0349030886	
Torch strain relief Robust feed	0446082880		Remote control AT1	0459491896	
Quick connector Marathon pack	F102440880		Remote control AT Coarse fine	0459491897	
Liquid cooling kit robust feed	0446123880		Remote contro M1	0459491895	
			Remote Cable AT1/AT1 CF 5m Remote Cable AT1/AT1 CF 10m Remote Cable AT1/AT1 CF 15m Remote Cable AT1/AT1 CF 25m	0459552880 0459552881 0459552882 0459552883	
			Remote Cable M1 5m Remote Cable M1 10m	0459551880 0459551881	




STEP 8

Wear Part List


Product Family	Product Name
Wear part RobustFeed	n.a.




Wears part for carbon steel, stainless and cored wires

Wire Diameter mm	0.6	0.8	0.9/1.0	1.2	1.4	1.6	1.8	2	Feed Roller
V-groove 	X	X							0445850001
		X	X						0445850002
			X						0445850003
			X	X					0445850004
				X					0445850005
					X	X			0445850006
								X	0445850007


	Inlet Wire Guide 	Middle Wire Guide 	Outlet Wire Guide 
Wire dia 0.9 - 1.6	0445822001 (2 mm)	0446080882	0445830881




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

Wire Diameter mm	0.9/1.0	1.2	1.4	1.6	1.8	2.0	2.4	Feed Roller
V-K-knurled 	X	X						0445850030
		X						0445850031
		X	X					0445850032
				X				0445850033
					X			0445850034
						X		0445850035
							X	0445850036

	Inlet Wire Guide 	Middle Wire Guide 	Outlet Wire Guide 
Wire dia. 0.9 - 1.6	0445822001 (2 mm)	0446080882	0445830881
Wire dia. 1.8 - 2.4	0445822002 (3 mm)	0446080883	0445830882

Wears part for aluminium

Wire Diameter mm	0.6	0.8	0.9/1.0	1.2	1.4	1.6	1.8	Feed Roller
U-groove 		X						0445850050
			X					0445850051
			X			X		0445850052

	Inlet Wire Guide 	Middle Wire Guide 	Outlet Wire Guide 
Wire dia. 0.9 - 1.6	0445822001 (2 mm)	0446080881	0445830885