

Manufacturing Partner Range



MTS400SYN



CUT40 DUAL VOLTAGE



CUT40 AIR



CUT100 CNC

MIG	✓			
TIG	✓			
MMA	✓			
INPUT VOLTAGE RANGE	400V	110/230 DUAL	230V	400V
INPUT PHASE	3	1	1	3
MAINS FREQUENCY Hz	50/60	50/60	50/60	50/60
RATED INPUT CURRENT	40A MIG 33A TIG 42A MMA	32A 110V 20.2A 230V	28.2	27A
POWER FACTOR	0.75			
MAX NO LOAD VOLTAGE (V)	58 - 70	333.5	393	389.2
OUTPUT CURRENT RANGE	40-500A MIG 10-500A TIG/MMA	20-40A	20-40A	20-100A
DUTY CYCLE@40 DEGREES	60% @ 500A 100% @ 400A	35% @ 30A 110V 50% @ 40A 230V	20% @ 40A 100% @30A EXTERNAL AIR	100% @ 100A 100% @ 30A EXTERNAL AIR
CUTTING CAPACITY MM (CARBON STEEL)	N/A	SEVERENCE CUT ≤ 18 110V / 20 230V OPTIMAL CUT ≤ 14 110V / 15 230V	SEVERENCE CUT ≤ 25 OPTIMAL CUT ≤ 20	SEVERENCE CUT ≤ 55 OPTIMAL CUT ≤ 45
DIMENSIONS (H X W X L) MM	400 X 213 X 511	278 X 146 X 510	278 X 146 X 510	445 X 240 X 600
WEIGHT KG	33.8	8	18.9	32.3



For 50 years Newarc has built an unparalleled reputation as a UK manufacturer of robust and reliable welding machines.

Our technological innovations serve the welding communities in the international offshore, petrochemical, marine and defence fabrication sectors.

We specialise in multi-process units for MMA, MIG and TIG welding.

Our comprehensive range of equipment is designed for easy operation and maintenance, portability and reliability - even in the most extreme conditions.

What makes Newarc different?

- 100% duty cycle (see product overview for details)
- 5 Year Warranty (Parts & Labour)
- 24 hour on site repair or replace with new machine
- Free on site demonstrations
- Available from stock



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# Product Overview 2023



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**NEWARC**

Newarc Range



100



R1500

100



R4000CC



R5000CC



R7000CC

MIG				
TIG				Scratch TIG only and gouging
MMA	✓	✓	✓	✓
INPUT VOLTAGE RANGE	110/230 DUAL	380-480V	380-480V	360-480V
INPUT PHASE	1	3	3	3
MAINS FREQUENCY	50/60	50/60	50/60	50/60
RATED INPUT CURRENT	44/28A	25A	33A	49A
POWER FACTOR	>0.7	>0.95	>0.95	>0.95
OPEN CIRCUIT VOLTAGE	75V	>80V	>90V	>90V
OUTPUT CURRENT RANGE	5-150A	20-400A	20-500A	30-700A
DUTY CYCLE@40 DEGREES	100%	100%	80%	60%
DIMENSIONS (H X W X L) MM	310 X 165 X 420	450 X 310 X 570	450 X 310 X 570	450 X 310 X 570
WEIGHT KG	13	30	31	40

100



MIG400/500

100



R4000CCCV



R5000CCCV



WFU12-4C

MIG	✓	✓	✓	✓
TIG		✓	✓	
MMA		✓	✓	
INPUT VOLTAGE RANGE	380-480V	380-480V	380-480V	24-36Vac
INPUT PHASE	3	3	3	
MAINS FREQUENCY	50/60	50/60	50/60	N/A
RATED INPUT CURRENT	25A(MIG400) 33A(MIG500)	25A	33A	N/A
POWER FACTOR	>0.95	>0.95	>0.95	N/A
OPEN CIRCUIT VOLTAGE	10-40V(MIG400) 20-50V(MIG500)	<80V MMA / 2-40v MIG	<80V MMA / 2-50v MIG	N/A
OUTPUT CURRENT RANGE	20-40(MIG400) 20-500A(MIG500)	29-400A	20-500A	400A
DUTY CYCLE@40 DEGREES	400A @ 100% / 500A @ 80%	100%	80%	70%
DIMENSIONS (H X W X L) MM	1060 X 530 X 970	450 X 310 X 570	450 X 310 X 570	430 X 280 X 650
WEIGHT KG	67 (MIG400) 71 (MIG500)	30	31	14

100 100% Duty Cycle

100



RT2000

100



RT2500

100



RT4000



RT5000



T300

✓	✓	✓	✓	✓
✓	✓	✓	✓	
110/230 DUAL	380-480V	360-480V	380-480V	
1	3	3	3	N/A
50/60	50/60	50/60	50/60	N/A
44/28A	12A	25A	33A	N/A
>0.7	>0.95	>0.95	>0.95	N/A
75V	75V	>80V	>90V	N/A
5-150 MMA / 5-200A TIG	5-250 MMA / 5-250A TIG	25-400A	25-500A	20-300A
100%MMA / 70% TIG	100%@250A MMA / 70%@ 250A TIG	100%	80%	60%
310 X 150 X 420	320 X 180 X 430	450 X 310 X 570	450 X 310 X 570	220 X 180 X 370
19	18	33	37	7.5



WFU12A-RV



WFU12A-ILS



VIPER2000



VIPER2500S

✓	✓		✓	
		✓	✓	
24-36Vac	15-100V	40-480V	30-90V	
3				
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
400A	400A	200A	30-250A	
70%	70%	100%	100%	
450 X 215 X 525	430 X 215 X 525	210 X 129 X 322	300 X 190 X 450	
12	14	5.5	15.5	

Manufacturing Partner Range



TS200DC WITH PULSE



MTS200SYN



TS200ACDC WITH PULSE



TS320ACDC WITH PULSE

MIG		✓		
TIG	✓	✓	✓	✓
MMA	✓	✓	✓	✓
INPUT VOLTAGE RANGE	110/230 DUAL	110/230 DUAL	110/230 DUAL	400V
INPUT PHASE	1	1	1	3
MAINS FREQUENCY Hz	50/60	50/60	50/60	50/60
RATED INPUT CURRENT	24A TIG 32A MMA 110V 20A TIG 30A MMA 230V	27.6A TIG, 36.6A MIG 110V 20A TIG, 25A MIG 230V	32A TIG, 36A MMA AC 110V 34.5A TIG, 39.3A MMA DC 110V 19.8A TIG, 28.5A MMA AC 230V 21.3A TIG, 30.8A MMA DC 230V	19A TIG, 25.5A MMA DC 18.4A TIG 24A MMA AC
POWER FACTOR	0.99	0.99	0.99	0.7
MAX NO LOAD VOLTAGE (V)	66.9-67.2	66.7-67.5	66-74.8	73.9
OUTPUT CURRENT RANGE	5-130 (110V) 5-200 (230V)	25-140A MIG 110V 10-140A TIG 110V 10-100A MMA 110V 25-200A MIG 230V 10-200A TIG / MMA 240V	10-160A TIG 110V 10-130A MMA 110V 10-200A TIG / MMA 230V	5-320A
DUTY CYCLE@40 DEGREES	30% @ 200A MMA / TIG 230V 60% @ 130A MMA 90% @ 130A 110V	40% @ 140A MIG / TIG 110V 40% @ 100A MMA 110V 40% @ 200A MIG / TIG / MMA 230V	60% @ 160A TIG 110 30% @ 130A MMA 110V 60% @ 200A TIG 230V 35% @ 200A MMA 230V	60% @ 320A 100% @ 250A
CUTTING CAPACITY MM (CARBON STEEL)	N/A	N/A	N/A	N/A
DIMENSIONS (H X W X L) MM	278 X 146 X 465	400 X 213 X 511	445 X 240 X 485	445 X 240 X 530
WEIGHT KG	10	19.5	17.1	27.7

In stock. We're here with your welding solutions.

Our Brands: Fume Extraction, Consumables, Welding Machines & Training



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