

REEFLEX[®]

MULTI-PROCESS DC INVERTER WELDER RANGE



CC/CV

STICK

LIFT TIG

MIG/MAG

GOUGE



**REEFLEX
MULTI 700**

Designed and
manufactured
in South Africa

**BUILT-IN
VOLTAGE
REDUCER**

Thermal &
input voltage
protection

Dual voltage
available

Trolley available

OPTIONAL
Remote voltage
control on
wire feeder

**2 YEAR
WARRANTY**

REEFLEX[®] *Multi*

220 Amp

300 Amp

400 Amp

500 Amp

700 Amp



**REEFLEX
MULTI 400**



REEFLEX[®] WELDING

MAIN BENEFITS

The **REEFLEX® Multi** range of DC inverter welders are multi-process machines, giving the user ultimate flexibility, performance and portability. The output characteristics are changed between CC and CV by the flick of a switch, giving excellent welding on STICK welding, easy arc starting with LIFT TIG and low spatter welding with MIG (solid or fluxcored wire) or MAG welding. Having 100 % duty

cycle means that these machines can be used for maintenance and production applications. Adjustable ARC FORCE for CC, and adjustable INDUCTANCE for CV enables each process to be fine tuned to obtain optimum results.

Standard on all **REEFLEX® Multi** machines are separate digital VOLT and AMP meters which continuously indicate output voltage and output

current, thereby enabling the operator to be in full control of all welding parameters.

The dual voltage models have built-in protection circuitry, eliminating any damage to machine or wire feeder if connected to the wrong supply voltage.



	220 AMP	300 AMP	400 AMP	500 AMP	700 AMP
PRIMARY					
INPUT VOLTAGE	220V 1 phase ±15%	380V 3 phase ±15% 525V 3 phase ±15%	380V 3 phase ±15% 525V 3 phase ±15%	380V 3 phase ±15% 525V 3 phase ±15%	380V 3 phase ±15% 525V 3 phase ±15%
INPUT CURRENT	34A	15A per phase 12A per phase	28A per phase 20A per phase	40A per phase 30A per phase	53A per phase 38A per phase
DUAL VOLTAGE OPTION	No	Yes	Yes	Yes	Yes
SECONDARY					
DC WELDING CURRENT	220A/28V	300A/32V	400A/36V	500A/40V	700A/44V
OPEN CIRCUIT VOLTAGE	60V	60V	70V	80V	85V
DUTY CYCLE	100 %	100 %	100 %	100 %	60 % @ 700A/100 % @ 600A
CC CURRENT RANGE	20 – 220A	30 – 300A	40 – 400A	5 – 500A	70 – 700A
CV VOLTAGE RANGE	14 – 28V	14 – 32V	14 – 36V	15 – 40V	15 – 44V
CC LIFT TIG	Yes	Yes	Yes	Yes	Yes
CC ARC FORCE	Yes	Yes	Yes	Yes	Yes
CV INDUCTANCE	Yes	Yes	Yes	Yes	Yes
DIGITAL DISPLAY CURRENT	Yes	Yes	Yes	Yes	Yes
VOLTAGE	Yes	Yes	Yes	Yes	Yes
* OUTPUT FOR WIRE FEEDER	24V AC/200VA	24V AC/200VA	24V AC/200VA	24V AC/200VA	24V AC/200VA
CONNECTION FOR REMOTE	Standard	Standard	Standard	Standard	Standard
RODS/WIRE SIZES ARC	2,5 – 5,0 mm	2,5 – 6,3 mm	2,5 – Maximum	2,5 – Maximum	2,5 – Maximum
MIG	0,8 – 1,0 mm	0,8 – 1,2 mm	0,8 – 1,6 mm	0,8 – 1,6 mm	0,8 – 1,6 mm
TIG	1,6 – 3,2 mm	1,6 – 3,2 mm	1,6 – 3,2 mm	1,6 – 3,2 mm	1,6 – 3,2 mm
GOUGING	–	–	6,5 mm	9,5 mm	12 mm
BUILT-IN VOLTAGE REDUCER	Yes	Yes	Yes	Yes	Yes
OVER/UNDER VOLTAGE PROTECTION	Yes	Yes	Yes	Yes	Yes
OVER TEMPERATURE PROTECTION	Yes	Yes	Yes	Yes	Yes
COOLING	Fan	Fan	Fan	Fan	Fan
DIMENSIONS Height	310 mm	310 mm	310 mm	350 mm	370 mm
Width	265 mm	265 mm	265 mm	350 mm	380 mm
Length	590 mm	590 mm	590 mm	755 mm	810 mm
WEIGHT	30 kg	35 kg	39 kg	55 kg	60 kg

*OTHER VOLTAGES AVAILABLE ON REQUEST

Manufactured by

REEFLEX®
WELDING

Reeflex Welding (Pty) Ltd. Reg No 2009/00948/07
Manufacturers of welding machines since 1981

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