



CLIFFORD Welding Systems (Pty) Ltd.

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Technical data

Large mesh welders

	QRP	MWP	QSE
Linewire Diameter [mm]	4 - 16	1.8 - 12	2 - 10
Crosswire Diameter [mm]	4 - 16	1.8 - 12	2 - 10
Linewire Length [mm]	1000 - 9000	1000 - 9000	1000 - 9000
Crosswire Length [mm]	1000 - 4200	1000 - 4200	1000 - 4200
Linewire Pitch [mm]	Increments of 50 mm	Variable from 25 mm	Variable from 19 mm
Crosswire Pitch [mm]	Increments of 12.5 mm	Variable from 25 mm	Variable from 25 mm
Welding Transformers [kVA]	150 - 250	150 - 250	63 - 100
Water Cooling System	Top Electrodes Bottom Electrodes Thyristors Transformers Busbars	Top Electrodes Lower Electrodes Thyristors Transformers Flex. current cables	Top Electrodes Bottom Electrodes Thyristors Transformers Busbars
Computer programming	5000 programs // Pentium Computer Touchscreen // ~20 GB Hard disk storage		
Weld Controls / Switching	Thyristor	Thyristor	Thyristor
Control System	PLC - Siemens S7	PLC - Siemens S7	PLC - Siemens S7
Maximum Operating Speed	125 xwires/min.	140 xwires/min.	125 xwires/min.
Wire Type	SAE 1006 - 1015	SAE 1008 - 1015	SAE 1006 - 1015
Line wires	Offcoil or Pre-cut	Offcoil or Pre-cut	Offcoil or Pre-cut
Crosswires	Offcoil or Pre-cut	Offcoil or Pre-cut	Pre-cut only
Main applications	Reinforcing Mesh	Fencing and Light Reinforcing Mesh	Fencing (especially 358 security fencing)
Summary	Quick change for 50 mm linewire spacings	Cost effective machine with manual setup	Quick change with CNC automatically positioned welding elements