

Meritus Multiman

Modular Semi Automatic Cross Wire Welding Machine



The MULTIMAN welding system uses twin series welding head modules, which can be added to or reduced in number as requires and connected to each other in series for automatic operation.

All the welding heads are simultaneously lowered and then electronically cascade weld in series or direct to minimise mains line demand, whilst maintaining maximum operational welding speed.

Each module has its own watercooled welding transformer, firing card, SCR contactor and solenoid valve allowing different welding parameters on each pair of heads, to compensate for varying wire diameters or metal thicknesses when spot welding.

A modular resistance welding system developed for medium to high volume production, of flat or profiled panels using pre-cut length wire.

Ideal for:

- Oven and Microwave Shelves
- Merchandise Display Shelves
- Supermarket Trolleys
- Shop Equipment
- Drainer and Freezer Baskets
- Refrigerator Shelves
- Barbecue Griddles
- Animal Cages and Pens

Multiman Features:

- Flexibility to increase capacity by adding extra two head welding modules.
- Easy to convert from cross wire to spot welding.
- Can be built with either manual load - manual index or manual load - auto index.
- Welding parameters can be set on each pair of welding heads to facilitate varying wire diameters or metal thickness.
- Option to incorporate two jigs and a transfer cross shuttle system.
- Reciprocating knee to ensure clearance of the welding jigs during indexing allowing lower electrode to rise and fall.
- Programmable auto indexing system.