

THERMAL SPRAY FACILITIES

AUTOMATIC SYSTEMS for HVOF, PLASMA, FLAME SPRAY, ARC SPRAY & ROD SPRAY



FOR ON-SITE METAL
SPRAY APPLICATIONS



This system is designed for onsite Zinc & Aluminium spray work, Gun is light weight most suited for hand held.

MEC ARCJET[®]101 SYSTEM CONSISTS OF :-

1. Arcjet[®]101 gun.
2. Power source 600 amp with built in control panel (420/3P/50-60 hz).
3. Wire drive unit with wire spool stand
4. Wire drum dispenser (optional) - 02 nos.
5. Safety equipments (not shown in figure)

FEATURES:-

- Arcjet[®]101 is a low weight (1.30 kg) gun with no moving parts.
- Ideally suited for manual operation.
- Designed to spray wires of diameter 1.6, 2.0, 2.3 & 2.5mm.
- CE compliant .



ARCJET® 101 SPECIFICATIONS

MATERIAL	REFERENCE	WIRE DIAMETER	MAXIMUM THROUGHPUT kgs/hr	MAXIMUM COVERAGE m ² /kg/100 μm
Zinc	MEC 540	1.6mm/2.0 mm/ 2.3 mm/2.5mm	46.28@450 amp	0.82
Aluminium & Alloys	MEC 699	1.6mm/2.0 mm/ 2.3 mm/2.5mm	11@450 amp	2.88
Zn/Al - 85/15	MEC 545	2.0 mm/2.3mm/ 2.5 mm	40@450 amp	1.00
Copper	MEC 599	1.6 mm	22.5@450 amp	0.91
Nickel Aluminium	MEC 884/885	1.6 mm	24.6@450 amp	1.09
Steels	MEC 710/720/730	1.6 mm	20.4@450 amp	1.02

TYPICAL APPLICATIONS:-

- OFFSHORE PLATFORMS
- METAL STRUCTURES
- WIND MILL STRUCTURES
- SHIP & BOAT STRUCTURES
- BRIDGES
- BEARINGS
- TANKS & VESSELS
- POWER PLANTS
- RAILWAY PROJECTS
- STEEL REBAR



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