

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 700 amp of continuous duty 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, 2.5 & 3.27mm.
- CE compliant .

* FOR HARD WIRES ONLY.

MEC ARCJET[®] 101/700 SYSTEM



ARCJET® 101 SPECIFICATIONS

MATERIAL	REFERENCE	WIRE DIAMETER	MAXIMUM THROUGHPUT kgs/hr [100% duty cycle]	MAXIMUM COVERAGE m ² /kg/100 μm
Zinc	MEC 540	2.3 mm/2.5mm /3.17mm	72@700 amp	0.82
Aluminium & Alloys	MEC 699	2.3 mm/2.5mm /3.17mm	20@700 amp	2.88
Zn/Al - 85/15	MEC 545	2.0 mm/2.3mm/ 2.5 mm	62@700 amp	1.00
Copper	MEC 599	2 mm	35@700 amp	0.91
Nickel Aluminium	MEC 884/885	2 mm	38@700 amp	1.09
Steels	MEC 710/720/730	2 mm	31@700 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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