



MSC Corp.

Metal Spray Coating Corp.

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 & Aluminum 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.

ARCJET[®]101/450 & 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



Metal Spray Coating Corp.

P.O. Box 816580, Hollywood FL 33081-6580 • +1 (978) 767-3608

www.metal-spray-coating.com