

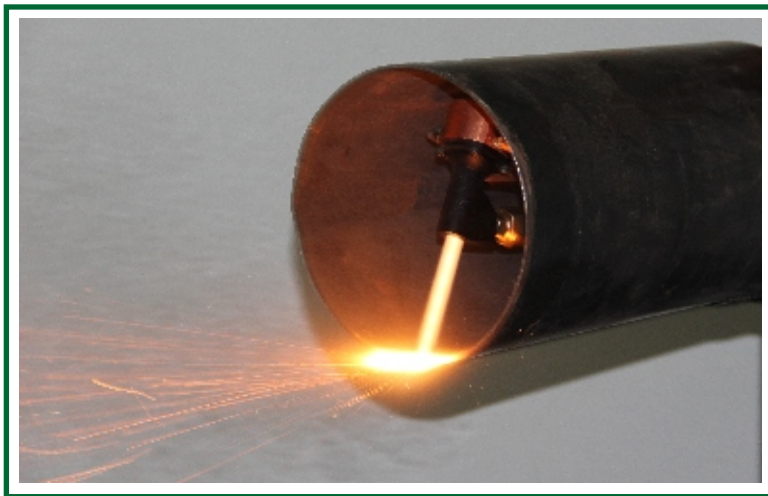
## THERMAL SPRAY FACILITIES

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

MEC INTRODUCED **MJP 6000™ HVOLF GUN** FOR APPLYING HARD COATING IN INTERNAL DIA. & DIFFICULT TO REACH AREA. THIS GUN CAN BE ATTACHED WITH ANY STANDARD HVOF (LIQUID FUEL) SYSTEM. SUCH AS XPOJET®-5000, JP-5000 & JP-8000 SYSTEMS.

### MJP - 6000™

HIGH PRESSURE - HIGH VELOCITY OXY-LIQUID FUEL SPRAY GUN

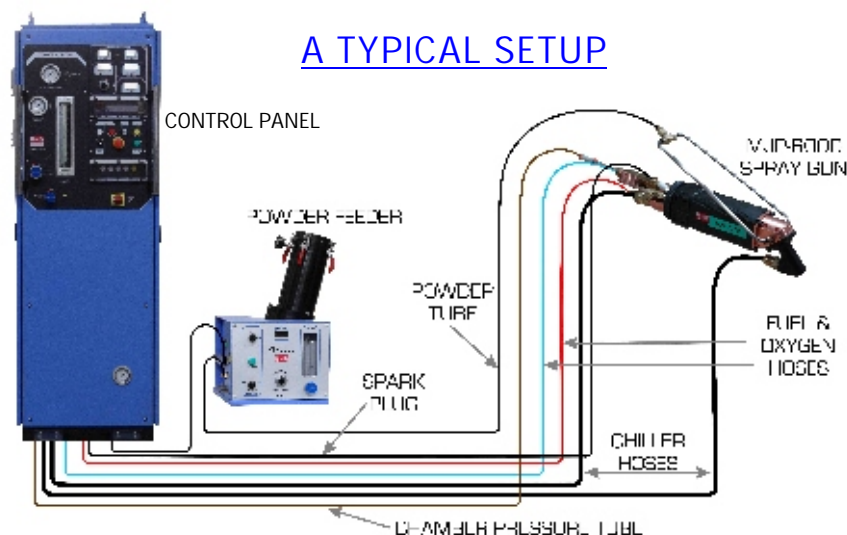


SPRAYING INSIDE PIPE



SPRAYING ON EDGES OF SPROCKET

### A TYPICAL SETUP



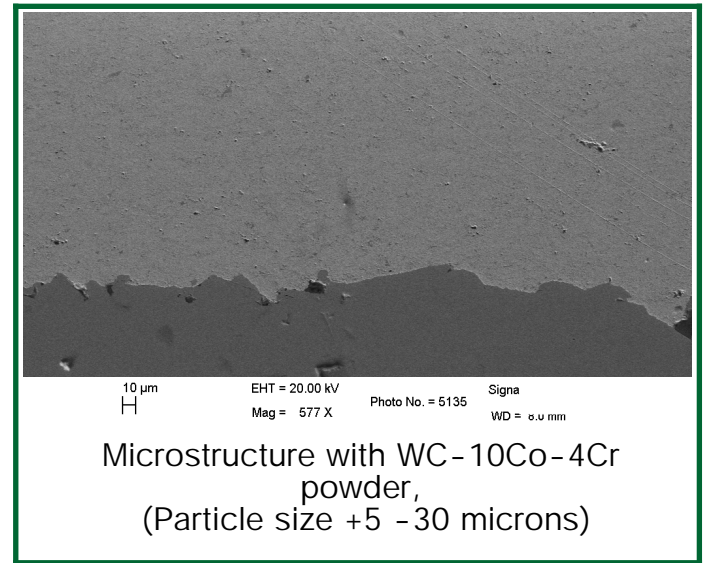
# MJP - 6000™

## HIGH PRESSURE - HIGH VELOCITY OXY-LIQUID FUEL SPRAY GUN

### COATING PROPRIETIES

HARDNESS	Upto 1200 VHN
POROSITY	0.5%
BOND STRENGTH	>10,000 PSI
DEPOSITION EFFICIENCY	41%
COATING ROUGHNESS	2-4 Ra

\* For WC-10Co-4Cr (+5 -30) with 70° angular head



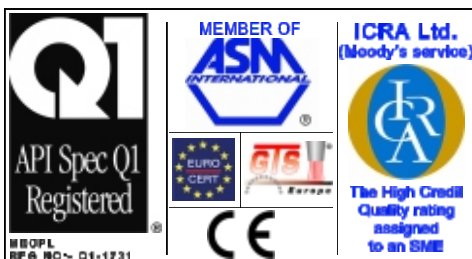
MJP-6000™ is a patented HVOFL gun duly field tested & is in use in the workshops of India, U.S.A & Japan. Uniquely designed offset combustion chamber of the gun allows angular spray at 45° & 70° which allows easy access to more confined areas.

### SPECIFICATIONS

INTERNAL COATING DIAMETER	180 mm minimum
SPRAYING ANGLES	45° & 70°
NET WEIGHT (WITHOUT HOSES & MOUNTING BRACKETS)	4.70 kg.
SPRAY RATE	Upto 60 gm/min
COATING THICKNESS	Upto 2.0 mm
HVOF CARBIDE POWDERS	Optimum Particle size +5 -30 Microns
GROSS WEIGHT	7.40 KG
SHIPPING VOLUME	47cm(L) x 22cm(H) x 43cm(W)

### ADVANTAGES & FEATURES :-

- Unique design allows to coat on narrow areas/internal diameters.
- Less consumption of gases at optimum spray rate.
- Handling of hoses are easy as all hose connections are axially from back of the gun.
- Generates the good coating properties with specified operating parameters.
- Available in standard hose connection fittings for immediate use with standard HP-HVOLF system (like Xpojet 5000 or equivalent).



## METALLIZING EQUIPMENT CO. PVT. LTD.

E-101, M.I.A., Phase-II, Basni, Jodhpur-342005 (India)

Ph. : +91 291 2747601 Fax : 2746359

E-Mail : marketing@mecpl.com / sales@mecpl.com / trade@mecpl.com

Web : [www.mecpl.com](http://www.mecpl.com)