

TWIN WIRE ARC SPRAY

Arc Spray Plant Products

Arc spray plant product range for industrial coating and metallizing applications.

ORIGINAL TECHNICAL PREVIEW

BU METAL SPRAY EQUIPMENT

BALAJI UDYOG

BU-8830 TWIN WIRE ARC SPRAY SYSTEM

WHY US ?

Your Coating & Blasting Experts: We manufacture top thermal spray equipment & blasting solutions for individuals & companies. Custom Solutions, Big Results: We understand your needs & create efficient solutions for peak equipment performance.

250AMP/400AMP/600AMP/800AMP/1200AMP

PLANT RANGE

Product document

VERIFIED

Source retained

LIVE LINKS

Website and support

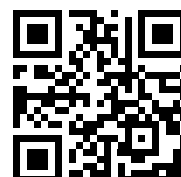
WORLDWIDE

Direct supply

View current information online

Scan for live product details, availability and direct support.

VISIT [BUSPRAY.COM](https://buspray.com)



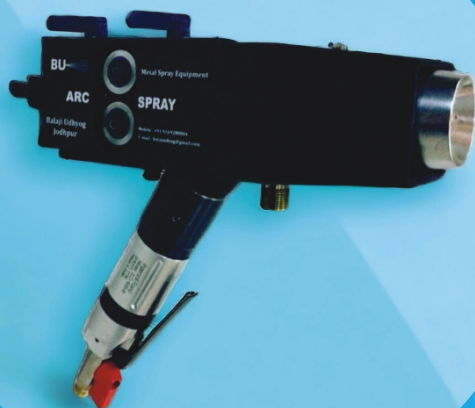
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ARC SPRAY: WHAT IS IT?

an atomizing electric, such as compressed air, to accelerate the melting of two like or unlike wires (coating material) towards the ready work surface, is the technique of Arc Spraying. A high-performance wire spraying method is arc spraying. However, the protective substance needs to be electrically conductive. Applications include anticorrosion coating, coating huge areas of vessels, and more.

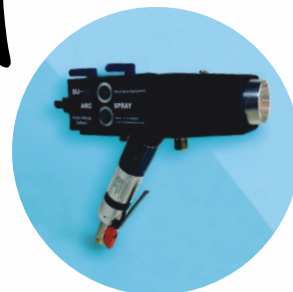
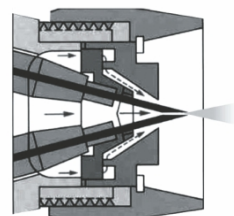
COMPLETE SYSTEM

WE OFFER COMPLETE ARC SPRAY AS BELOW :-

1. Arc spray gun (Pneumatic Drive/Electric Drive)
2. Power cable 05 meter = 02 Meter. = 02 Nos.
4. Wire protective tube 03 Meter. = 02 Nos.
5. Remote control
6. Control Panel with Spool Stand
7. Manual/service book
8. Tool kit
9. Set of Spares

KEY FEATURES OF OUR ARC SPRAY SYSTEM

- Compact Design suitable for on-site & in shop coating applications
- Interlocks for safe operation
- On-built spool stand option
- Can be used for Push-Pull unit
- Temperature sensor provided



ARC SPRAY GUN



CONTROL PANEL



SPOOL STAND



WIRE CABLE

WHAT IS DIFFERENCE BEETHWEEN PNEUMATIC DRIVE & ELECTRIC DRIVE ARC SPRAY



Pneumatic Drive



Electric Drive

- Pneumatic Drive arc spray controls the feed rate of wire from pneumatic motor fitted on the spray gun
- In pneumatic drive arc spray feed rate of wire is increased & decreased by increasing and decreasing the air pressure to the pneumatic motor
- Electric Drive arc spray controls the feed rate of wire from electric DC motor fitted on the spray gun
- In electric drive arc spray feed rate of wire is increased & decreased by rotating the drive knob given on the control console
- Due to extra weight of electric motor electric drive is mostly suggested for machine mounted spray works whereas since pneumatic drive gun is comparatively lighter & it is suggested for coating works by hand
- Weight of electric drive spray gun is 4.8 kg, weight of pneumatic drive spray gun is 3.5 kg (these weight are without any hoses or cables)

TECHNICAL SPECIFICATION

COMPLETE SYSTEM			
Arc Spray System	200 AMP	400 AMP	600 AMP
Power Requirement	7 kW	15 kW	25 kW
Input Supply	415/3P/50-60hz	415/3P/50-60hz	415/3P/50-60hz
High Velocity	No	Yes	Yes
Wire Dia.	1.6 mm	1.6-3.17 mm	2.0-3.17 mm
Weight	272 lbs	445 lbs	492 lbs
Wire Feeding	Both Electric & Pneumatic drive	Both Electric & Pneumatic drive	Both Electric & Pneumatic drive

TWIN WIRE ARC SPRAY COATING APPLICATION

WIRE	Average Hardness	AS Sprayed Finish (Ra)	Application Areas	Parts
Nickel Alloys	20 Rc Variable	200-350	Bond coat, Inconel, Monel and other Ni alloys work	General repair coating, corrosion application, etc.
Chrome Steel Alloy	62 Rc	300-500	Heavy built up and wear resistance	Bearing journals, Crankshaft journals, wear apps.
Stainless Alloys	30-60 Rc	140-180	Wear with corrosion	Pumps components, chemical industry parts.
Carbide Alloys	70 Rc	150-500	Hard-coating with heavy built up	Mixer blades, Fan blades, Granulators, Feed rolls, etc.
Copper Alloys, Brass, Bronze	Rb Scale Hardness	Average 250	Rebuild non-ferrous alloy surfaces.	Pump impellers, print rollers, bronze bearing areas, etc.
Aluminium & Zinc	200-400	200-400	Corrosion protection	Exceed galvanizing specs



CONTACT US



BALAJI UDYOG

+91 92692 88805
 www.balajiudyog.in
sales@balajiudyog.in
 Plot no. 75, Hastinapur Nagar Sangria, jodhpur Rajasthan

BUSPRAY

Arc Spray Plant Products

BUSPRAY.COM

support@buspray.com

VISIT BUSPRAY.COM

WhatsApp: +91 92692 88805