

CONTROLLED POWDER DELIVERY

BPF-700 and BPF-3350 Powder Feeders

Product information for compact and large-capacity thermal spray powder feeders.

ORIGINAL TECHNICAL PREVIEW

POWDER FEEDERS

SIMPLE
NO COMPLICATED COUPLING & CIRCUITS

ACCURATE
HIGH REPEATABILITY

LOW COST
CHEAPEST IN ITS CLASS

VERSATILE
ALMOST ALL THERMAL SPRAY POWDERS CAN BE FEEDED.

POWDER FEEDER: BPF-3350

POWDER FEEDER: BPF-3350 FEATURES

- THE SINGLE FEED RATE HAS A SIMPLE RANGE OF 1 TO 28 REVOLUTIONS PER MINUTE.
- LARGE CAPACITY OF THE CONTAINER.
- LITTLE WEAR AND UPKEEP NEEDS.
- IT FEATURES A DIGITAL DISPLAY THAT GUARANTEES ACCURATE READINGS.
- POWDER FEED CONTROL CAN BE SET EITHER LOCALLY OR REMOTELY.
- ACCURATE RPM CONTROL VIA SENSOR-LESS VECTOR CONTROL

POWDER FEEDER: BPF-700

POWDER FEEDER: BPF-700 FEATURES

- THE FEED RATE IS EASILY ADJUSTABLE, RANGING FROM 1 RPM TO 28 RPM.
- A POWDER PRESSURE GAUGE IS INCLUDED WITH THIS MACHINE SO THAT THE PRESSURE CAN BE PRECISELY REGULATED.
- WHEN REQUIRED A SAFETY VALVE IS GIVEN TO DISCHARGE HIGH CANISTER PRESSURE.

www.balajudyog.in

POWDER FEEDERS

Product document

VERIFIED

Source retained

LIVE LINKS

Website and support

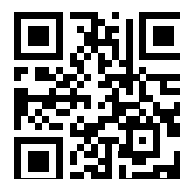
WORLDWIDE

Direct supply

View current information online

Scan for live product details, availability and direct support.

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



BU**BALAJI UDYOG**

THERMAL SPRAY EQUIPMENTS

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BPF-3350



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POWDER FEEDER
BPF-700

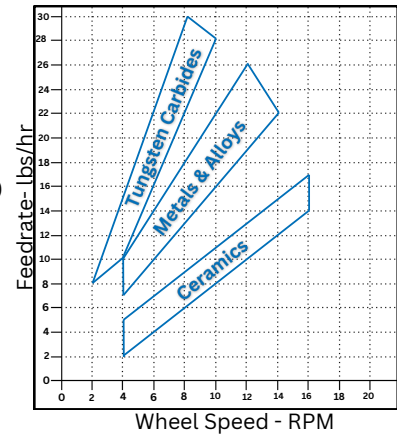
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POWDER FEEDERS OPERATE ON THE CONSTANT VOLUMETRIC FEED PRINCIPLE AND PRESSURISATION. IT HAS A DIGITAL RPM DISPLAY EQUIPPED WITH A VARIABLE AC DRIVE. IN ORDER FOR THE POWDER TO BE PUSHED INTO THE POWDER FEED HOSE BY THE CARRIER GAS, IT MUST FIRST BE GRAVITY FED INTO THE SLOTS OF THE ROTATING DISC. A POT ON THE FRONT PANEL CONTROLS THE POWDER DISC RPM, WHICH IS DIRECTLY PROPORTIONAL TO THE POWDER FEED RATE. THE CANISTER HAS A 7.5 BAR BACK PRESSURE TOLERANCE.

SPECIFICATION

Description	Model: PF-700	Model: PF-700
Dimensions	870x500x140 mm	970x600x260 mm
Canister Capacity	700 CC	3350 CC
Electricity	220V/1P/50/60 Hz 110V/1P/60 Hz (on request)	220 V/1P/50/60 Hz 110V/1P/60 Hz (on request)
Power Consumption	100 W approx.	100 W approx.
Net Weight	39 Kgs. (85.9 lb)	45 Kgs. (99.2 lb)
Colour	Blue-Black // Red-Golden	Blue-Black // Red-Golden

Approx. Feedrate



BPF-3350-HP is the model.

The AP-2751 Automatic Control Panel is specifically made to work with the PF-3350-HP (suited for HVOF System). It can be operated independently or via the control panel (or any other external system).

BPF-3350-A is the model.

The AP-2751/DF-2751 Automatic Control Panel is specifically made to work with the BPF-3350-A (suited for High Velocity Oxy-Liquid Fuel System). It can be operated independently or via the control panel (or any other external system). Extra characteristics are:

- Powder feed and carrier gas are controlled externally.
- low carrier gas pressure fault feedback.
- feedback from the AC drive malfunction.

SPECIAL TWIN POWDER FEEDER

MANUAL
BPF-3350-TM

AUTOMATIC
BPF-3350-TA

POWDER FEEDER BPF-3350 TWIN



DESIGNED TO RUN CONTINUOUSLY AND NONSTOP WITH EITHER THE SAME OR VARIOUS POWDERS. THE CAPACITIES OF BOTH CANISTERS ARE 3350 CCS.

Let's
Connect
With
Us!

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