

BRSP FALCON 32" Powder Shaker Features

All-In-One PLC Control Touch Panel

Easy operation and automatic production.

Integrated Internal Smoke Purifier

Stronger smoke purifying capability, compact design, and more environmentally friendly.

Intelligent Powder Spray System

Process greatly reduces the amount of time the powder needs to be recycled, resulting in decreased labor and increased efficiency.

Two Sided Heater

Heating system uses lamps on top and bottom to regulate temperature gradually. Bottom heater slows down ink drying by gradually increasing temperature, while top heater accelerates powder melting by gradually decreasing temperature to ensure even powder application and curing each time.

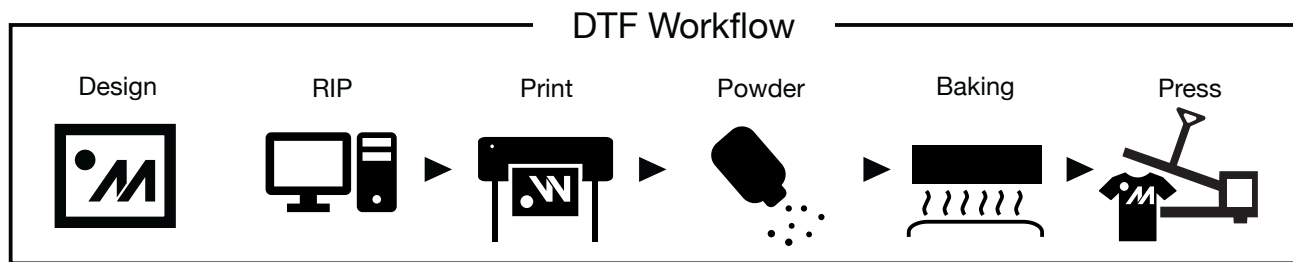
Intelligent Heater Control

Saves 30% power by automatically turning off heater when reaches desired temperature and prevents film overheating if machine pauses or stops operation.



Features	Other Brands	BRSP FALCON	Benefit
All in one PLC control touch panel	-	✓	Easy operation and automatic production
Integrated internal smoke purifier	-	✓	More environmentally friendly and stronger smoke purifying capability
Suction roller design	-	✓	Ensure smooth film transportation
Intelligent powder spray system	-	✓	Reduce powder recycling times
High frequency powder removal	-	✓	Higher strength design with reduced sound. Reduces white powder transfer onto dark colored fabrics.
Two sided heater	Only top side	Two sided (Top and Bottom)	Heating more efficient for even powder curing on film
Intelligent heating control	-	✓	Save 30% power and prevent film overheat
Auto Take-up with tension bar system	-	✓	Keeps constant tension for even and stable media take-up. Reduces manual operation.
Powder pre-heating system	-	✓	Prevent powder from wet environment
Two side powder recycling	Only one side	Left and right side	Suitable for small space in case recycle box against the wall
Vacuum System	3 stage max	4 stage	Prevent material waste

DTF or “Direct To Film”, is a printing method in which a design graphic is printed on a special film called DTF film, coated with a hot melt powder, then heat is applied to cure the powder. The resulting transfer sheet can then be heat pressed onto a fabric.



DTF Key Advantages

- No fabric pre-treatment necessary as with DTG
- Print colored natural & synthetic fabrics
- No masking or weeding compared to transfer vinyl
- Print designs with unlimited amount of colors
- Easy application process & durable product



BRSP Falcon 32" Powder Shaker Specifications

Maximum film width	32" in.
Pre-heat Temperature	0-100°C (0-212°F)
Heater Temperature	0-150°C (0-302°F)
Exhaust	350 m3 / per hour (6 m3/min.)
Power specification	Single-phase (220V AC ± 5%, 50/60 Hz) 30Amps
Power consumption	2.2 KWh - 5 KWh
Environment	Temperature: 18-30°C (65-86 °F), Humidity: 30-70% RH
Machine size	74" x 50.5" x 40" in. (LxWxH)
Machine weight	750 lbs.