

Spiral Duct Flange Forming Machine

For Round Duct Flanging

A practical machine for creating uniform flanges on round spiral ducts and welding ducts, designed to replace manual edge hammering, improve flange forming efficiency, and support cleaner duct connection preparation.

Diameter 200-1600 mm

Flange Width 7-20 mm

30 m/min

3 kW

GI Duct Flanging

Built for efficient round duct flange forming

Spiral duct flanging | Round duct connection | HVAC workshops

HYRUN Mechatronic Technology Co., Ltd.

PRODUCT OVERVIEW

Designed for Round Duct Flanging

The Spiral Duct Flange Forming Machine is designed for forming flanges on round ducts, commonly referred to as the TDF of round duct connection. It can replace manual hammering of duct edges and allows round angle steel flanges to be mounted more conveniently. The flange size is adjustable, helping workshops improve flanging efficiency and produce more uniform, neat duct edges.

Adjustable Flange Width

Supports 7-20 mm flange width adjustment for different round duct connection needs.

Fast Flanging Process

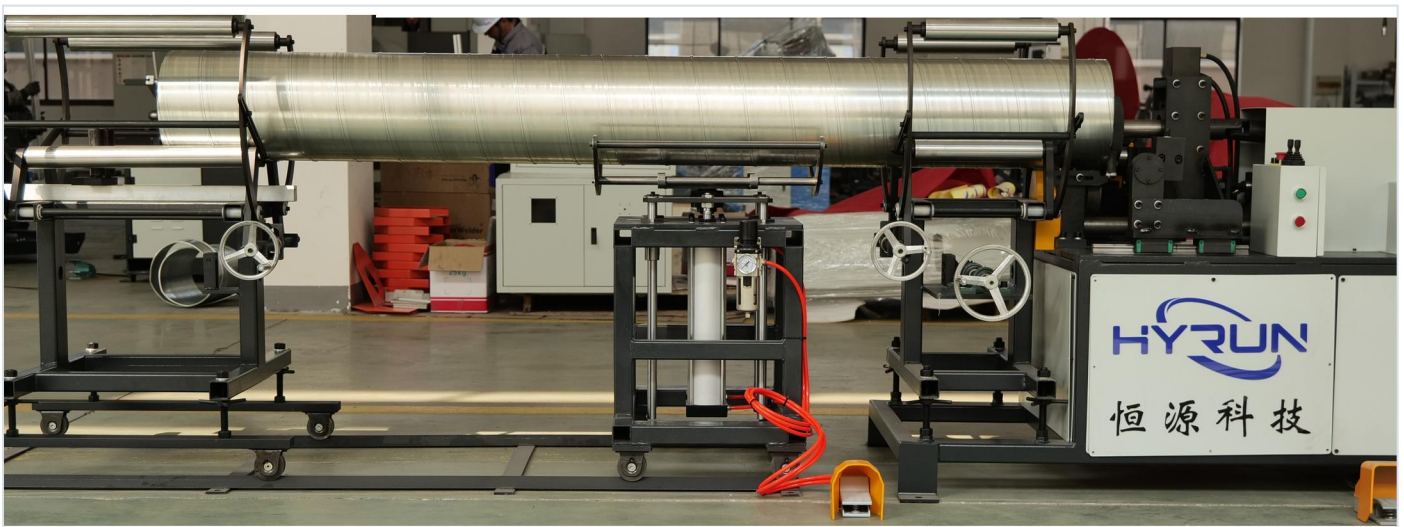
Process speed up to 30 m/min helps improve edge forming efficiency in duct workshops.

Round Duct Application

Suitable for spiral duct and welding duct flanging within the supported thickness range.

Optional Functions

Available configurations include pneumatic rotary rack and automatic bending options.



SPECIFICATION

Model Configuration

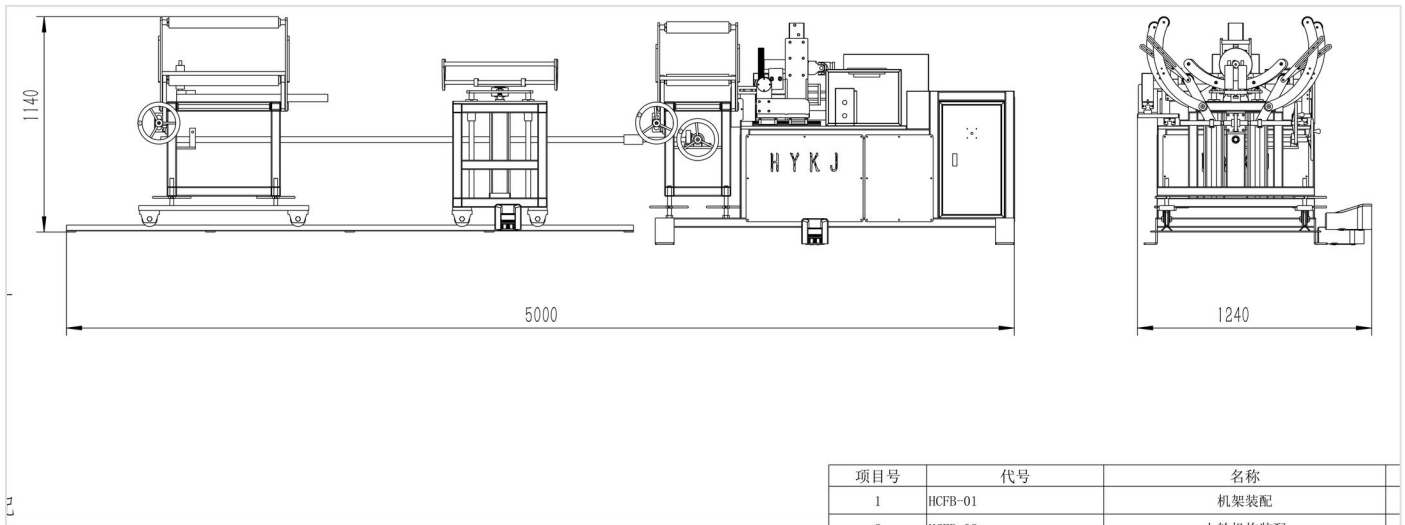
Parameter	SDFB-B-1612	SDFB-PS-1612	SDFB-AB-1612
Model	SDFB-B-1612	SDFB-PS-1612	SDFB-AB-1612
Form Diameter	200-1600 mm	200-1600 mm	200-1600 mm
Sheet Thickness	Spiral duct 0.4-1.2 mm; Welding duct 0.4-2.5 mm; GI	Spiral duct 0.4-1.2 mm; Welding duct 0.4-2.5 mm; GI	Spiral duct 0.4-1.2 mm; Welding duct 0.4-2.5 mm; GI
Flange Width	7-20 mm	7-20 mm	7-20 mm
Process Speed	30 m/min	30 m/min	30 m/min
Optional Function	No	Pneumatic rotary rack	Automatic bending
Power	3 kW	3 kW	3 kW
Machine Size	4900 x 950 x 1170 mm	4900 x 950 x 1170 mm	4900 x 950 x 1170 mm
Weight	750 kg	800 kg	800 kg

Configuration Note

Specifications are extracted from the provided product parameter material and reorganized for this brochure. Final voltage, guarding, rotary rack, automatic bending configuration, and layout details should be confirmed before quotation or production.

LAYOUT

Overall Dimension Reference



Drawing reference from HCFB-00 structure PDF. Main reference dimensions shown in the drawing include approx. 5000 mm length, 1240 mm width, and 1140 mm height. Final installed layout may vary by configuration.

Request a Quotation or Layout Check

Share your target duct diameter range, material type, thickness, flange width requirement, optional function preference, voltage standard, and workshop layout. HYRUN can help confirm the suitable model and configuration.

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