



Steel Belt Spiral Duct Machine

With 4 Sets Forming Rollers

A robust forming machine for round spiral air ducts, designed for flexible diameter adjustment, smooth duct surface quality, reliable outer-lock seams, and efficient production for HVAC duct fabrication.

Ø80-1500 mm

GI 0.4-1.2 mm

SS 0.4-0.8 mm

1-40 m/min

Saw / Plasma Cutting

Built for spiral duct production lines

Round duct fabrication | HVAC workshops | Sheet metal processing

HYRUN Mechatronic Technology Co., Ltd.

PRODUCT OVERVIEW

Designed for Efficient Spiral Duct Forming

The steel-belt spiral duct forming machine is primarily used for manufacturing round spiral ducts in HVAC air duct production. Its steel strip mold forming structure supports flexible diameter adjustment and convenient mold replacement, helping workshops produce ducts with smooth surfaces, tight seams, and consistent forming quality.

Flexible Diameter Range

Forms spiral ducts from Ø80 to Ø1500 mm for broad HVAC production needs.

4-Roller Forming Stability

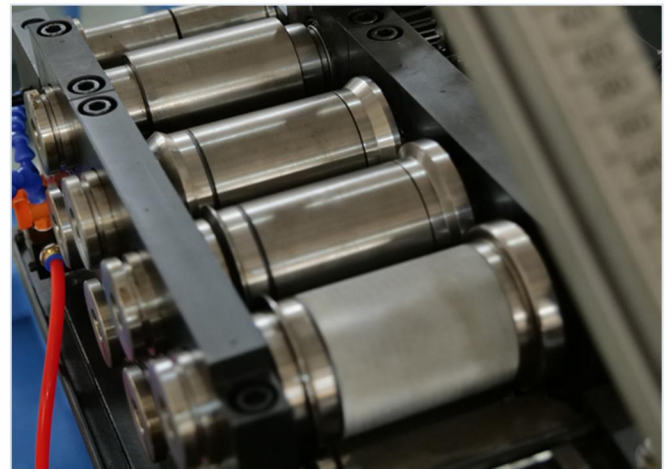
Four forming roller sets support stable duct shaping and controlled production quality.

Smooth, Tight Outer Lock

Outer-lock seam design helps deliver a clean duct surface and reliable sealing performance.

Cutting Options

Available with saw cutting or 100A plasma cutting configuration according to production needs.



SPECIFICATION

Model Configuration

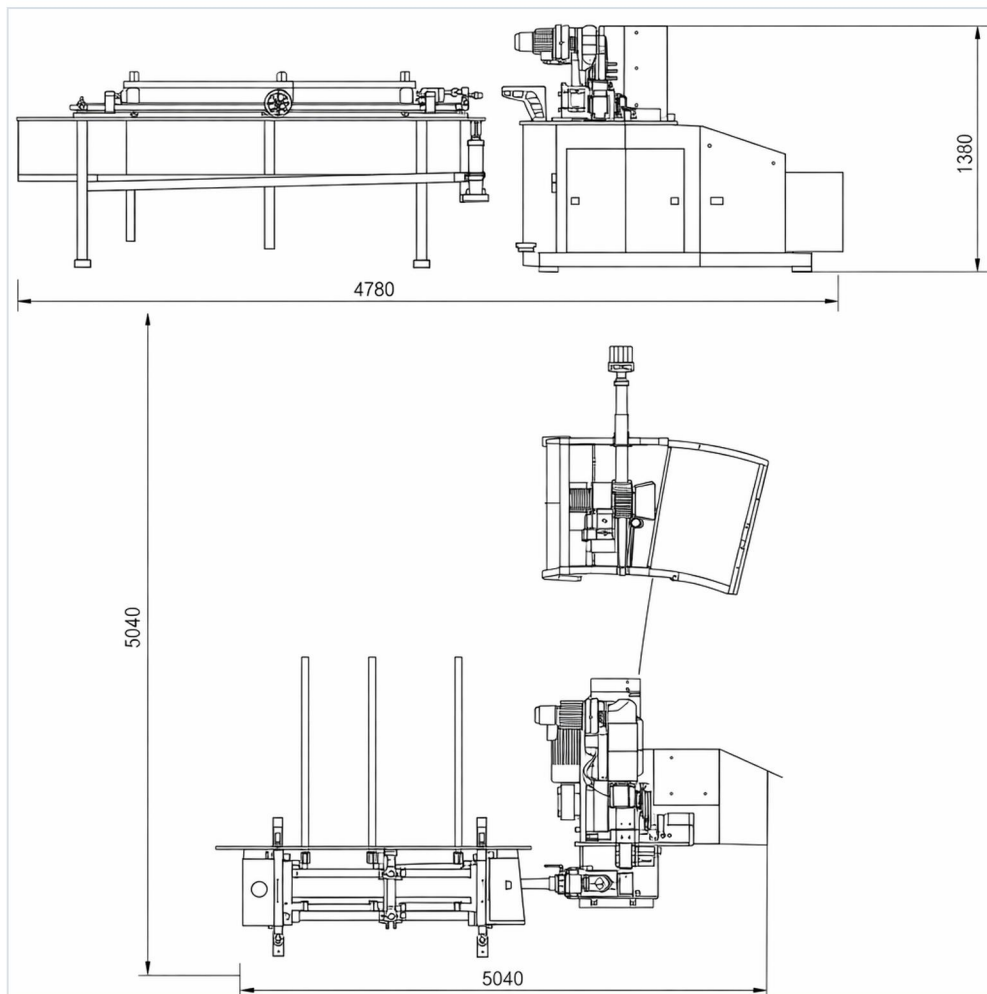
Parameter	SBSD-1500	SBSD-1500D
Model	SBSD-1500	SBSD-1500D
Forming Rollers	4 Sets	4 Sets
Form Diameter	Ø80-1500 mm	Ø80-1500 mm
Sheet Thickness	GI 0.4-1.2 mm; SS 0.4-0.8 mm	GI 0.4-1.2 mm; SS 0.4-0.8 mm
Strip Width	137-138 mm	137-138 mm
Feeding Speed	1-40 m/min	1-40 m/min
Cutting Type	Saw Cutting	Plasma Cutting 100A
Lock Type	Outer Lock	Outer Lock
Power	5.5 kW + Cutting 4 kW	5.5 kW
Machine Size	3400 x 2000 x 2750 mm	3400 x 1750 x 2750 mm
Weight	1700 kg	1700 kg

Configuration Note

The SBS-1500 uses saw cutting with additional cutting power, while the SBS-1500D is configured with 100A plasma cutting. Final configuration, voltage, safety guarding, molds, and optional devices should be confirmed before quotation or production.

LAYOUT

Overall Dimension Reference



Request a Quotation or Layout Check

Share your target duct diameter range, material type, thickness, daily output requirement, cutting preference, voltage standard, and workshop layout. HYRUN can help confirm the suitable model and configuration.

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