

RX-SL HS36

SINGLE-LAYER HIGH SPEED ROLL FORMER


36 IN

COVERAGE

29-24 GA

GAUGE

18-22

STATIONS

40 FT

LINE LENGTH

The RX-SL-HS36 Single-Layer Roll Former can be configured for any of our available profiles selected for your operation and customized to your specific production needs. Built for dependable, efficient production, it provides a dedicated single-layer solution for the panel profile your business needs to run.

FEATURES

BUILT FOR PERFORMANCE

18-22 FORMING STATIONS

Depending on the selected profile, the Single-Layer Roll Former uses 18-22 forming stations. Using more stations allows the material to be formed more gradually through the machine, helping produce a better finished panel while reducing the potential for oil canning and edge wave.

COMPUTERIZED BATCHING, IN INCHES

The controller stores cut lists by length and quantity and reads out in inches and feet. Load a job of 40 panels at 14 ft 6 in, press start, and the machine runs it. E-stops and protective covers over the drive and shear are standard.

PRE-SHEAR CUTTING

The pre-shear can be used to cut the final piece before it enters the forming stations, helping reduce material waste at the end of a run. During normal production, panels are typically cut with the post-shear after they have been fully formed, helping ensure the finished panel maintains the correct shape.

MANUAL DECOILER INCLUDED

A 10,000 lb (5-ton) manual decoiler is included with the machine, providing a dependable solution for handling coils during production. A hydraulic decoiler with coil car is available as an optional upgrade.

TECHNICAL SPECIFICATIONS

Model	RX-SL HS 36
Profile	PBR, R, AG, PBU, U, 7.2, 7.2N
Net Coverage	36 in PBR, R, AG, PBU, U, 7.2 / 28.8 in = 7.2N
Coil Width	PBR, PBU, 7.2N = 43 in / R, U = 41.5625 in / AG = 40.875 in / 7.2 = 45.5 in
Material Thickness	29–24 ga
Materials	Galvanized, Galvalume, painted steel, aluminum
Forming Stations	18–22, depending on profile
Shaft Diameter	2.95 in (75 mm) solid keyed shafts
Shaft Material	45# (1045 equivalent)
Roller Material	45# (1045 equivalent), 3 mm hard chrome plating
Frame	350H welded steel
Drive	Chain drive, external gear synchronization
Line Speed	0-80 FPM (0-24 m/min), variable
Main Motor	15 HP (11 kW)
Servo Monitor	7.5 HP (5.5 kW)
Hydraulic Unit	7.5 HP (5.5 kW)
Flying Shear	Hydraulic post-cut and hydraulic pre-cut with quenched CR12MOV (D2-equivalent) blades
Controls	Siemens or Delta PLC with touchscreen, batch / length / quantity, multi-language
Decoiler	10,000 lb (5 ton) manual decoiler included
Electrical	3-phase, 60 Hz; 480V or 240V
Machine Weight	Approx. 22,000 lb (10 t)
Footprint	47.5 ft x 5.5 ft x 6.1 ft (14.5 m x 1.8 m x 1.9 m)
Warranty	18 months

OPTIONS / ADD-ONS

● Run-Out Tables

Gravity or powered run-out tables sized to your longest panel.

● Hydraulic Decoiler with Coil Car

Optional hydraulic decoiler with coil car for easier coil loading and handling.

● Auto Stacker

Exit stacker designed to support efficient one-person operation.

● Trim & Gutter Machines

Pair with a ridge cap or trim line to offer a more complete roofing package.