

RX-DL36

DOUBLE-LAYER ROLL FORMER


36 IN

COVERAGE

29-24 GA

GAUGE

UP TO 65 FPM

SPEED

18-22

STATIONS

Choose two of our available profiles on a single footprint. The RX-DL36 stacks two forming decks in one heavy 350H welded frame, allowing your shop to run two different profiles from one machine and switch between them without the need for two separate machines.

FEATURES

BUILT FOR PERFORMANCE

● TWO PROFILES, ONE MACHINE, ONE OPERATOR

The upper and lower decks are configured to form the two panel profiles you choose for your operation. A clutch interlock means only one deck can drive at a time, which protects the drive train and keeps a single operator from ever running coil into both decks. Changeover is a matter of moving the coil, not the tooling.

● ROLLERS THAT HOLD THEIR EDGE

Forming rollers are machined from 1045-equivalent steel and hard-chrome plated to 3 mm. That plating is what keeps painted Galvalume from scuffing at the rib and what keeps the roll profile true after a few hundred thousand feet. Rollers ride on solid keyed shafts in a 350H welded steel frame, the same class of frame you see on domestic machines at twice the price.

● BATCH CONTROL IN INCHES

The PLC and touchscreen let you load a cut list, set quantity and length per line, and walk away. Read-outs are in inches and feet, and the interface supports multiple languages for a mixed crew. Manual jog and E-stops are at the operator station and at the exit.

● CLEAN CUTS, NO SCRATCHES

A hydraulic post-shear and pre-shear with quenched CR12MOV blades provide clean, accurate cuts. The pre-shear allows the final piece to be cut before entering the machine, helping reduce material waste, while the post-shear cuts the finished panel after it has been fully formed. Rubber-faced infeed rollers with adjustable side guides and protective strips help protect the painted

TECHNICAL SPECIFICATIONS

Model	RX-DL36
Profiles	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	0-65 FPM (0-20 m/min), variable
Main Motor	10 HP (7.5 kW)
Hydraulic Unit	7.5 HP (5.5 kW)
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	35.5 ft x 5.5 ft x 5 ft (10.8 m x 1.8 m x 1.6 m)
Warranty	18 Months

OPTIONS / ADD-ONS

Hydraulic Decoiler with Coil Car

Hydraulic decoiler with coil car for loading 20,000 lb master coils without a crane.

Auto Stacker

Automatic stacking at the exit for one-person operation.

Run-Out Tables

Powered or gravity run-out tables sized to your longest panel.

Additional Profiles

Additional available profiles can be configured to meet your production requirements.