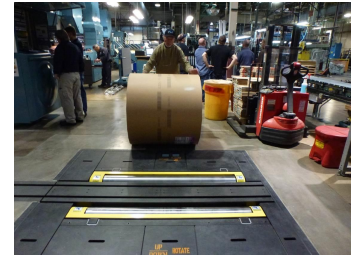


Technical Specification Sheet

TS-012-2015.0 HD-Series Roll Preparation Unit



SMC Component: HD Series Roll Preparation Unit

Part Number: P3-00129-HD Series Prep Station
(Product Number to Follow Application Width Requirements)

Description: The SMC HD Series Roll Preparation Unit (RPU) is fabricated using welded structural steel tubing and laser cut plate forming a durable and efficient platform for roll preparation. Using the RPU in a common area reduces roll/material transport efforts as well as possible damage from the operators trying to manually manipulate the roll onto/off-of the loading system. The unit can be used to lift and strip the roll of its cover and compromised outer wraps prior to its use; and/or, as required in some higher production facilities, after stripping is complete, a splice prep pattern can be applied.

The unit incorporates recessed foot switches at the operator station located at the front of the unit. To lift the roll from the floor, the operator simply depresses the Lift footswitch and the enclosed hydraulic smoothly captures and elevates the roll off of the center deckplate. A separate Rotate footswitch powers the roll rotation mechanics thru a heavy duty gearbox thereby allowing the operator to strip away the outer material wraps. And an integral piece of HD track completes the assembly allowing seamless integration into the overall delivery system. The entire unit is housed within a laser cut fabricated steel tub, thereby allowing complete encasement in concrete providing a solid work surface for years to come.

Advantages Include: a) Common Roll Delivery areas reduce roll damage, transport times while containing debris in a single area; b) Structural steel design with a steel outer shell allows the RPU to be set in concrete for solid containment and durable work surface for years to come; c) Removable deckplates allow access to RPU internals when PM efforts are required; d) Recessed foot controls allow material roll overs without activation taking place; e) Control Enclosure and related wiring to the RPU included with the system; f) Integral HD Series track complete the unit allowing seamless integration into adjoining track sections.

Specifications: **Mechanical**

- 6500 Lb. (3000 kg) Load Rating
- ASTM A36 Structural Steel Welded Design
- 1-1/2 HP Hydraulic Unit for Smooth Positive Roll Lifts
- 3/4 HP Roll Rotation Gearbox for Effortless Roll Rotation
- Recessed UP/DN and Rotate Footswitch for Control Functions
- NEMA 12 (IP52) Control Enclosure with Interconnecting Wire Harness Included with System
- Integral HD Series Track Included
- All Hangars and Necessary Hardware for Installation Included
- Weight: Application/OAL Dependent -- Available upon Request
- Pit Specifications are Application Dependent. Contact SMC for additional information on integration of equipment.

Electrical

- 460VAC, 3-Phase, 60 Hz. 15A Circuit Required



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- Certifications:** N/A
- Options:** 44, 50, 60, 70, 80" Width Options Available
- Price:** Please Contact SMC for Pricing.

SMC strives for accuracy in representing the product and specifications noted above. SMC reserves the right to deviate from specifications as needed to support specific applications or to correct for material and/or engineering changes.