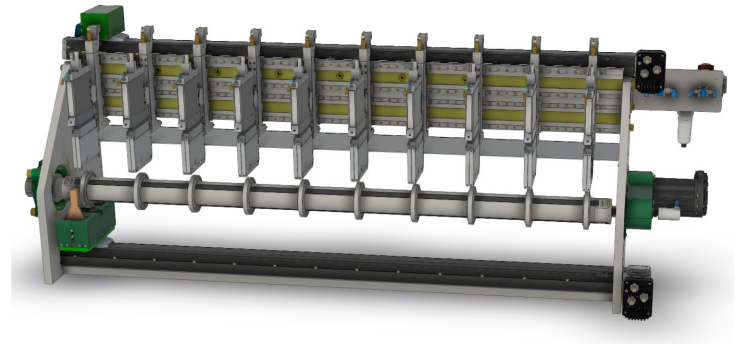




Safe, Efficient, Automated

Tidland SmartSlit - the efficient automation solution for narrow web applications.

Available in Shear, Crush, and Razor configurations, Tidland SmartSlit ensures automatic and precise positioning of slitting blades, eliminating the need for manual adjustments and dramatically reducing setup time.

This system offers a safe, user-friendly approach to slitting operations, significantly enhancing efficiency and reducing operational costs. Tidland SmartSlit can pay for itself in less than 2 years when compared to manual systems.

Applications

- Narrow web lines looking to automate manual finishing operations.
- Narrow web lines looking to add finishing operations.
- New machines or existing machine field retrofits.

Installation

- on site consultation and feasibility assessment
- optional measurement service for existing system
- Service visit for Installation and Training is recommended (1 day service that includes installation, calibration and training).
- Extended group training is available.

Complementary products

- Tidland top blades and bottom knives
- Tidland RD AutoScore
- Rotometrics AccuAdjust and RotoAdjust

Key Features

- **Automatic slit positioning, minimizing hand adjustment and operator errors**
- **Improved ergonomics & safety**
- **Improved accuracy vs. manual positioning**
- **Operator can move slits manually on the fly**
- **Repeatable setup when switching materials**
- **Dust-tight sealed liner actuators for top and bottom knife actuators**
- **Tidland blade positioning software enables:**
 - customized slit positions
 - pattern saving
 - individual knife adjustment
 - optional manual adjustment
- **The ability to store repeat jobs/patterns for reuse saves time and reduces errors**

SPECIFICATIONS

Maximum Web Width

1220 mm (48")

Maximum # of Knives

24

Minimum Slit Width

20 mm (.78")

Knifeholder

Advantage Series

Optional CL1 Performance

Slitting Configurations

Shear, Crush and Razor

Web Speed

30,5 - 305 m/min
(100 - 1000 ft/min)

Shear Anvil Ring Size

90 mm OD x 60 mm ID rings x 16 mm

HMI

PC Based - Touchscreen

Air Requirements

5,5 - 6,9 bar (80 - 100 psi)
Dry, Filtered

Input Power

20 A; 110 - 230 V AC; 1 ph

Position Accuracy

0,12 mm (+/- .005")

Positioning Speed (6 Knives)

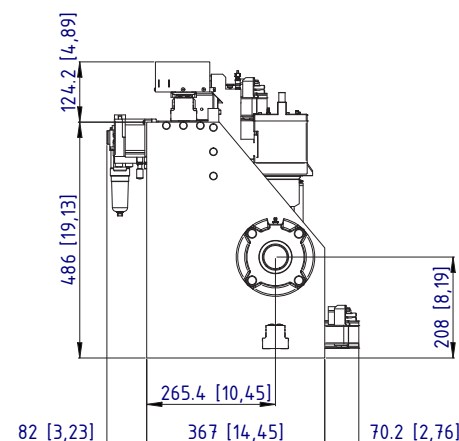
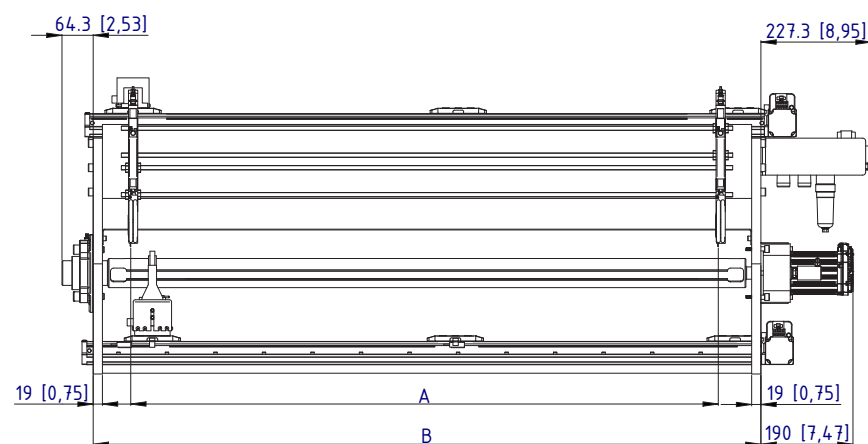
≤ 1 min

Extra Width for Knife Parking

Optional

Dimensions

Drawing represents Max Slit Width of 1220 mm (48")



(A) Max. slit width

(B) Outside frame width (max slit width + 156 mm (+ 6.2"))

Dimensions in mm

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