

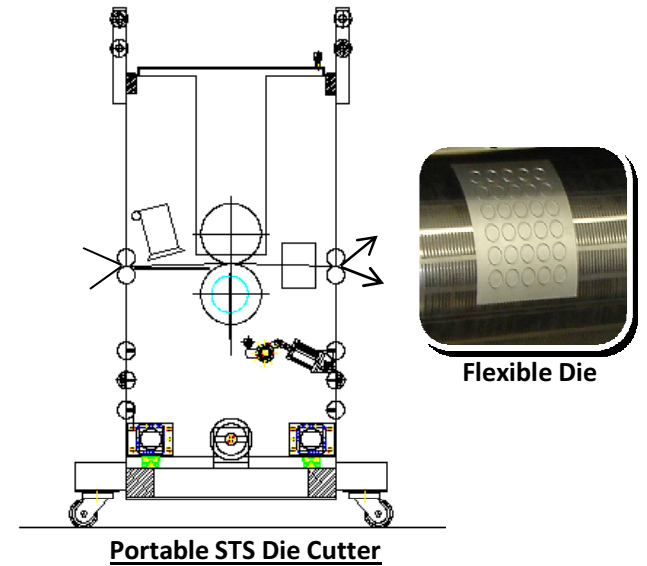


The **Portable STS Rotary Die Cutter** is designed to produce contour cut products such as, **envelope windows, cut outs for direct mail pieces, and precision 'kiss cuts' for pressure sensitive labels.**

This unit can be installed after the chills before a folder or a sheeter, it can be stationary or mobile for multiple press lines locations.

Standard Features:

- Heavy-duty 2.5" (63mm) steel side frames
- Both anvil cylinder and die cylinder are single press repeat.
- **Die cylinder** has lifetime magnets imbedded into a ceramic surface over a stainless steel base
- The Magnetic die cylinder is supported by high precision angular contact ball bearings.
- The Magnetic die cylinder is undercut to customer specification to accept **chemically etched dies**
- **Anvil cylinder** is oversized, heat-treated, Chrome Plated and finished machined within .0005" TRI
- Anvil cylinder is full width & supported by high quality precision double row angular contact ball bearings.
- Magnetic die cylinder is driven by its own motor and mounted in a removable cassette
- Anvil cylinder is driven by its own motor
- Unit is equipped with automatic ON/OFF impression system
- **Manual Sidelay** adjustment whole machine
- Motorized 360° circumferential registration
- Simplified mechanical die **lateral locator** for quick make ready.
- **Precise on the run manual cut adjustment** in increment as little as .0001" (.0025mm).
- **Waste removal hood** customer provides flexible hosing connected to customer's vacuum trim removal system.
- Casters for portability
- Centralized lubrication system
- Low maintenance design
- Non-driven bypass idler rolls
- Remote control box motorized movements
- CE conformity
- Unit mounted press stations (entry & exit)
- Integrated DMR Automatic Cut-off Register Control
- HMI operator touch screen panel
- Web detection system
- Web severer
- High performance shaftless drive
- VPN Ethernet Connection



Portable STS Die Cutter

Optional (portability):

- Additional docking station (s) for additional location

Specifications:

- Maximum operational speed 40,000 -45,000IPH ⁽¹⁾
- Designed for maximum web width of 965mm
- Paper weight $g/m^2 = 40 - 148$
- Standard die height =1 mm, "die cylinder could be undercut at request for other specific die heights"

Requirements:

- Electrical = 400VAC, 50HZ, 3PH, 15 KW motor
- air (controls): 0,0224 m3/min @ 5,5 Bars
- Waste removal :1.13 m3/min @ 5,5 Bars

⁽¹⁾ **Note:** Operational speed depends on the type of paper used, complexity of the job & the overall status condition of the press.

☞ Press here to end show ☺

☞ contact GWF ☞



Product Applications:

- Envelope windows
- Customized cut outs
- “Kiss cuts” for labels
- Pop-Ups



Custom Shapes

POP-UP



Dry Peel

Pull Tabs

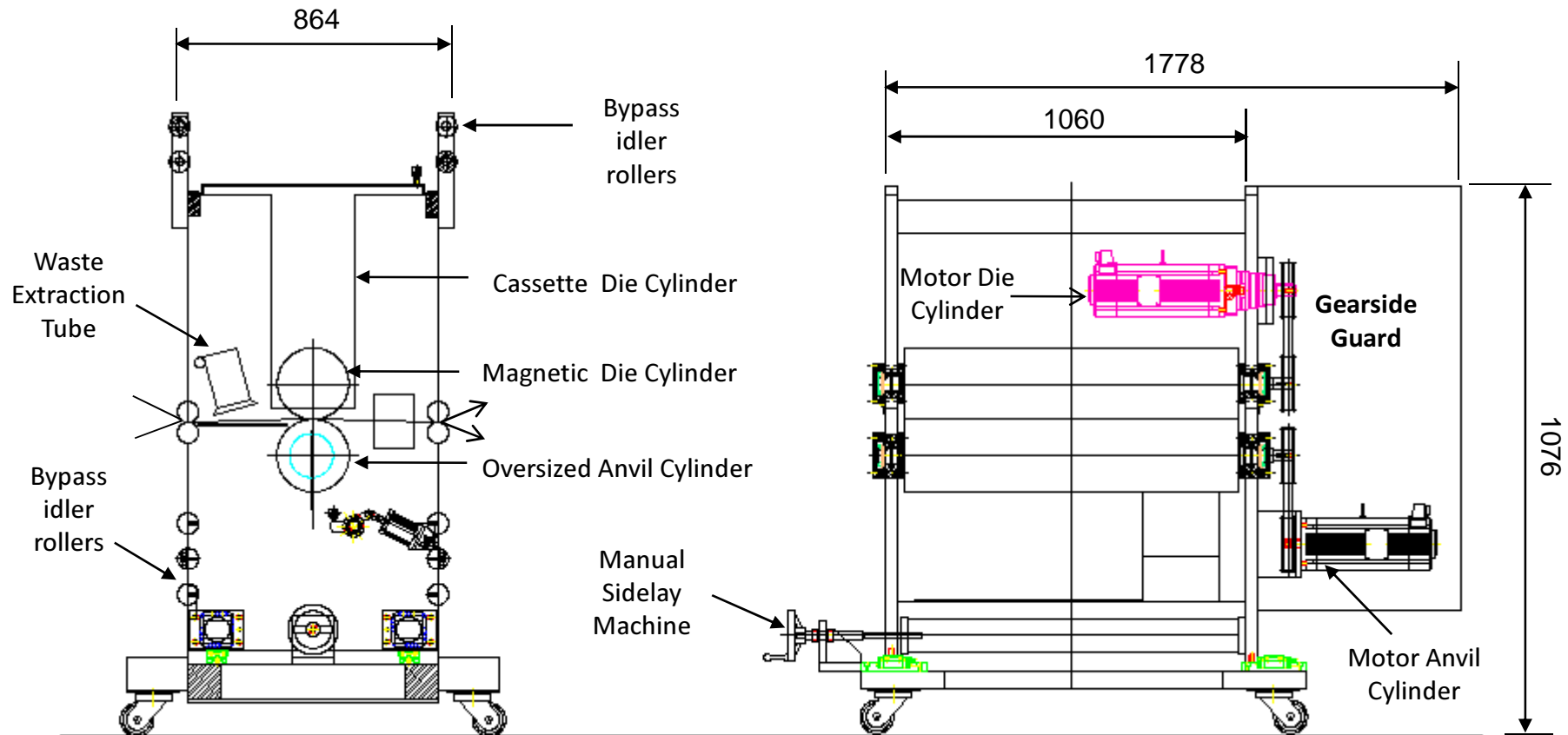


Flexible Die Plate



Stickers





PORTABLE STS ROTARY DIE CUTTER



◀ MAIN



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