



TWO CYLINDER PATTERN PERFORATOR

MAIN

The [GWF Two Cylinder Pattern Perforator](#) offers a cost efficient solution to producing high quality perforated items such as [stamps, coupons, game cards, and tear away direct response envelopes as well a variety of custom shapes and sizes.](#)

The unit is designed to perforate using [litho perforation strips](#) attached to aluminum plate or manufactured perf/die plates. It can be installed after the Chills before the Press folder or before a sheeter.

Standard Features :

- Heavy-duty 2" (51mm) steel side frames
- One single around plate cylinder quipped with [reel rod lockup](#) mechanism
- One single around impression / blanket cylinder equipped with [reel rod lockup](#) mechanism
- Heavy-duty [precision gear drive](#) for tight tolerances and accurate perf-to-print registration
- 360 degree motorized circumferential register
- Motorized +/- 1/4" (6.35mm) on-the-run sidelay adjustment for accurate print registration
- On-the-run depth of perforation adjustment of up to .017" (.43mm)
- A hardened [exit draw roll](#) with on-the-run adjustable [pneumatic slit/perf assemblies](#) for continuous line perforation, continuous slitting, edge trimming, and scoring
- A [centralized grease manifold](#) that allows the unit's main cylinder bearings, sidelay sleeves, and eccentrics to be lubricated from one central location
- [Dial Indicator for impression adjustment](#)
- Non-driven bypass idler rolls
- Web-up entry platform
- [Remote control box](#)
- [Plate bender](#)
- CE Conformity
- Unit mounted press stations (entry & exit)
- Integrated DMR Automatic Cut-off Register Control
- Web detection system
- Web severer
- High performance shaftless drive
- VPN Ethernet Connection



Example of Installation of
Pattern Perforator

Optional:

- [Upgrade to magnetic plate cylinder](#)
- [Crusher roller system](#)
- [Auto-lube system](#)

Specifications:

- Maximum production speed up 55,000IPH
- Designed for maximum web width of 965mm
- Paper weight $\text{g/m}^2 = 40 - 148$

Requirements:

- Electrical = 220VAC, 50HZ, 1PH, 15 KW motor
- High pressure air: 0,0224 m³/min @ 7 Bars

Product Applications:

- Stamps
- Coupons
- Game cards
- Business reply cards



Coupons



Stamps



Discount Cards

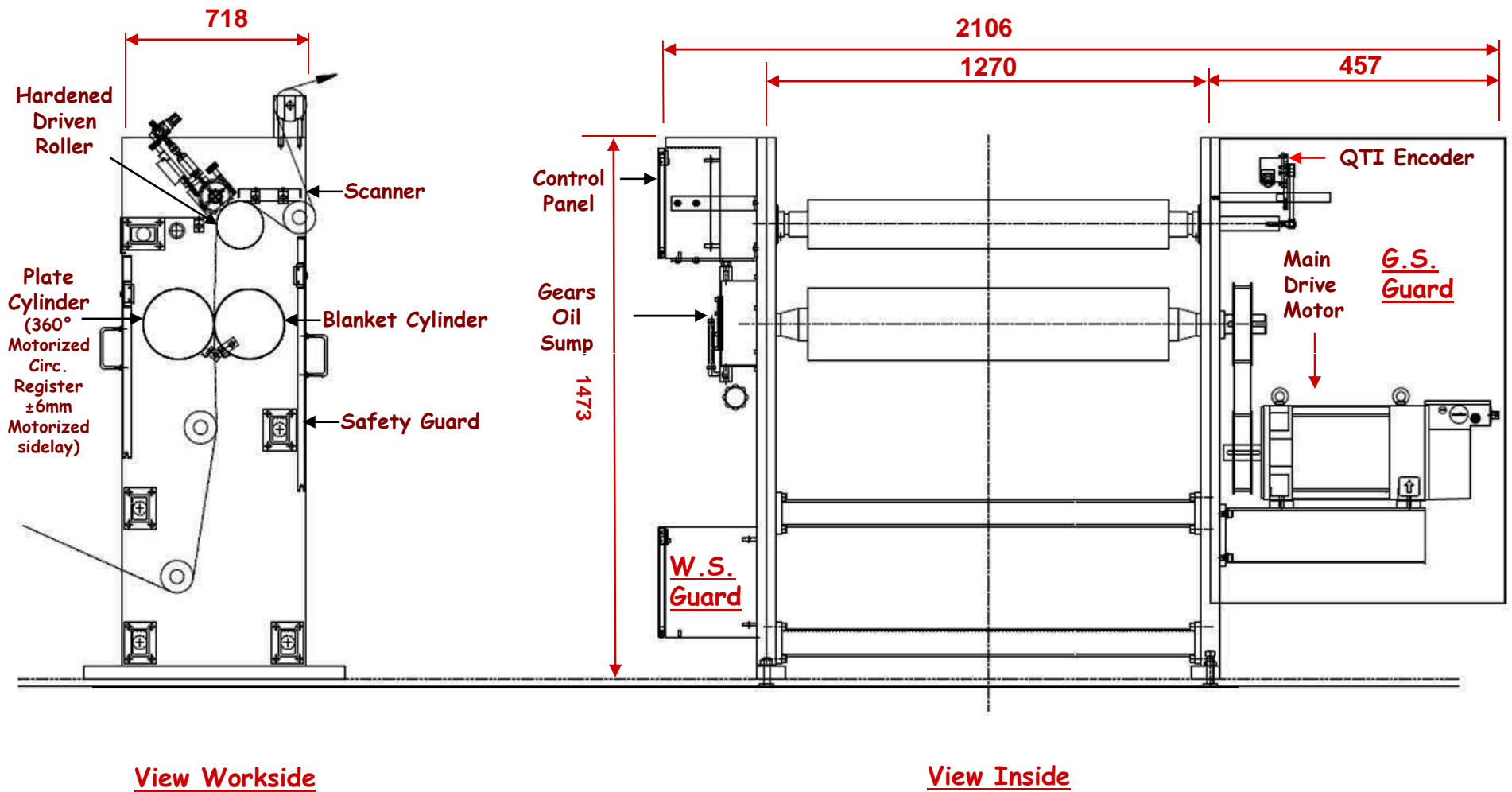


Perforator Litho Strips



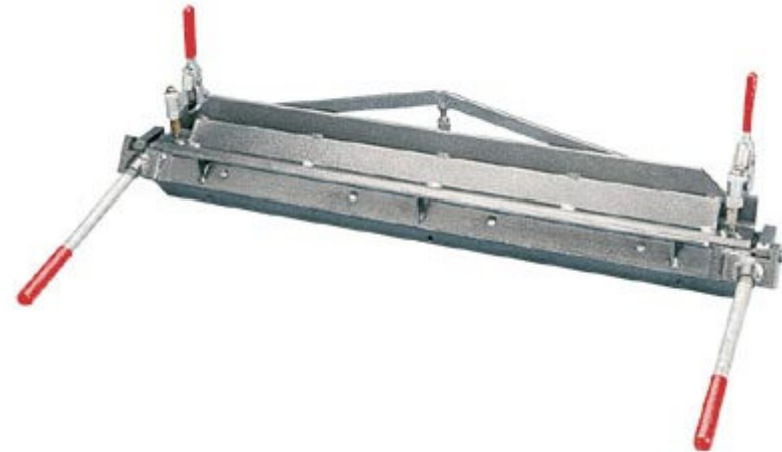
Business Reply Cards







**Optional – Universal Semi-Automatic
Plate Bender**



Manual Plate bender – “Bendito”



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