

GCU-3



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Corrugated compression strapping system

Feeder Module



Sealer Module



Enhance Flexibility

Up to six modular, quick-change strapping heads allow for numerous strap placement options

Optimize Performance

Sensitive compression and variable head tension for optimal load integrity

Maximize Throughput

Tight head spacing options minimize platen "hits" for improved throughput

Easy Operation

Interactive HMI delivers advanced diagnostics, operational and troubleshooting capabilities

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Corrugated compression strapping system



The innovative GCU-3 strapping system compresses and straps all types of corrugated loads. The GCU-3 system is the first corrugated unitizer to accommodate up to six modular heads to strap loads using sensitive compression and variable head tension. The system's design offers a multitude of strap placement options, redundant strap patterns and quick-change head and dispenser technologies to maximize throughput.

Features and benefits

■ Flexible strap head placement

Accommodates up to six modular strapping heads to provide variable strap pattern options and redundancy for product mix changes.

■ Sensitive compression

Delivers consistent and repeatable compression via load cells that sense platen compression force.

■ Variable head tension

Provides adjustable head tension for varying load types to reduce strap damage, dunnage, dust/debris, and product returns.

■ Easy-to-load dispensers

Maximizes uptime via in-line, easy-to-load dispensers in a small footprint allowing fast coil changes even while in automatic mode.



■ Automatic strap re-feed

Corrects strap misfeeds without operator intervention or production interruption while in automatic mode.

■ Advanced 12" HMI Operator Control Station

Operator friendly interactive 12" HMI with performance enhancement features and advanced diagnostics to facilitate simple troubleshooting and maintenance functions.



Optional equipment

- Internal turncross
- Pallet-void feeding attachments (PVFAs)
- Spare head and test stand
- Spare parts kit
- Riser kits: 350mm, 15", 16" and 18" (Standard roller height 12")
- Service agreement options: Silver, Gold, Platinum



Machine guard(s) are omitted to better highlight machine features.

GCU-3 Technical Specifications

MHC Modular Heads	
Feed Module	15.9 kg (35 lbs)
Sealing Module	11.8 kg (26 lbs)
Head Spacing	203 mm, 406 mm, 609 mm, 812 mm and 1219 mm (8 in, 16 in, 24 in, 32 in, 40 in and 48 in)
Strapping	9 mm (3/8 in) or 10.5 mm (7/16 in) Tenax® polyester 1616ELC (3/8 in), 1716LC (7/16 in), 1718LC (7/16 in) 1616 Strand

Compression Strapping Machine	
Load Range	*Height: 178 – 2133 mm (7 – 84 in) **Width: 508 – 2590 mm (20 – 102 in) Length: Maximum 4267 m (168 in) Weight: Maximum 1361 kg (3,000 lbs) * With PVFA, minimum load height is 356 mm (14 in) ** Maximum diagonal distance: 102 in with Turn Cross
Top Compression	222 – 35,586 N (50 – 8,000 lbs) Fully adjustable/customizable
Internal Conveyor	1600 mm L x 2794 mm W (63 in L X 110 in W)
Conveyor Height	Standard - 305 mm (12 in) Optional - 350 mm (13.8 in), 381 mm (15 in), 406 mm (16 in), 457 mm (18 in)
Conveyor Speed	Standard - 8 m (60 feet) per minute, Optional - 14-44 m (45-145 feet) per minute
PLC	Allen Bradley® Compact GuardLogix™ 5380 †
Electrical Panel	Standard: UL listed, Split high/low voltage cabinet Optional: CSA SPE-1000:21 complaint electrical panel
Electrical Requirements	460 volt, 3 phase, 60Hz, 30 amps

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