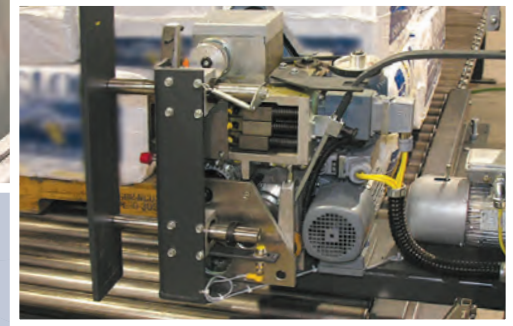
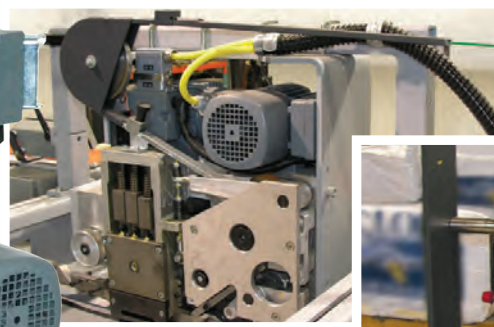
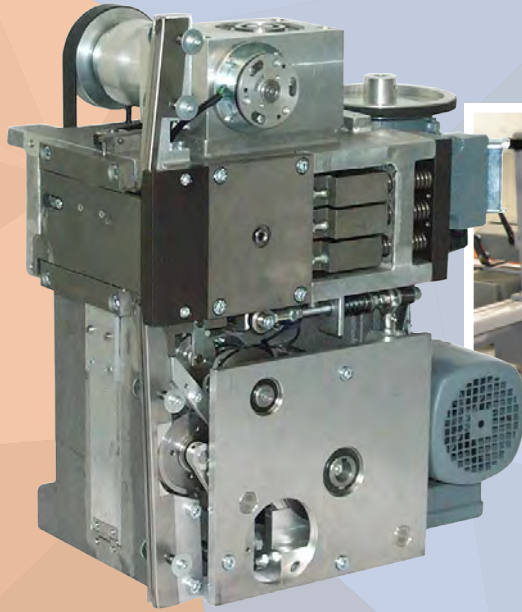


# WULFTEC® STRAPPING MACHINERY GT41 N Strapping Head



# WULFTEC

A DURAVANT COMPANY



## Guarantees A Solid Vibration Seal Joint Without Any Emissions Of Vapors

### Wulftec Friction Weld Strapping Head

All Wulftec strapping machines are equipped with the renowned GT41 N strapping head. Strap seals through vibration welding provide high quality and consistent strap joints. The complete head is mounted on hinges for easy access and clearing. Tension control is achieved with a variable frequency drive which is not affected by environmental conditions or number of cycles. The GT41 also comes in an Extra High Tension model for specific applications.

### The GT41 N Advantage

- By changing the optional entry and exit guide, the head has the ability to strap with polyester from 3/8" to 5/8" wide and .015" to .040" thick strapping
- Consistently reproducible strap tensioning
- Consistently high seal efficiency
- Environmentally favorable sealing by vibration welding
- Separate drive section for high speed strap feeding and take up and to achieve maximum tension levels
- Electronic strap circulation control
- PowerFlex 70 and torque motor control
- GT41 HT (high tension) available to pull 1,125 lbs tensioning

### Why choose the GT41 N

- Compact dimensions
- Tensioning adjustable on HMI
- Safe strap guide including high strap feed force
- Additional electronic strap circulation control
- Precise and repetitive tensioning of the strap
- Safe and environment friendly strap weld
- Separate drive sections for fast strap transport and powerful tensioning
- Strap feed and take-up 13 ft/sec
- Tensioning process 4"/sec
- Welding time
- HMI adjustable from 0.5 to 1.8 seconds



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WE FEAR NO PACKAGING CHALLENGE

# Technical Specifications

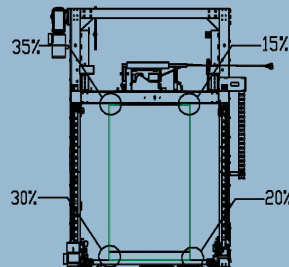
## GT41 N Strapping Head

Dimensions	20.5" L x 11" W x 19" H
Weight	156 lbs
Electrical Supply	460 v / 3ph / 60 Hz
Control Voltage	24 V DC
Power Input	1.0 kW
Type Of Welding	Friction welding
Welding Time	Approx. 0.5 to 1.8 sec
Tension Time	Approx. 0.5 sec, depending on required tension level
Type Of Strap	Polyester (PET)
Strap Width	3/8", 7/16", 1/2" and 5/8"
Strap Thickness	0.02" up to 0.04"

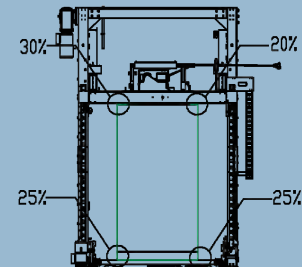
## Floating head

Distribution of strap tension around the product

Without the floating feature



With the floating feature



## Options Available

- Additional heads to place multiple straps at same time
- Moving head for multiple strap positioning without moving load
- Floating head feature

### Floating head on top seal

Head is mounted on 2 Thompson shafts with 4 bearings

Ensures tension is evenly distributed around the product

Proximity sensor detects the head is in home position

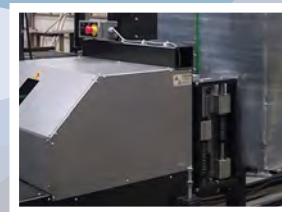


### Floating head on side seal

Head is mounted on 2 Thompson shafts with 3 bearings

Ensures tension is evenly distributed around the product

Proximity sensor detects the head is in home position

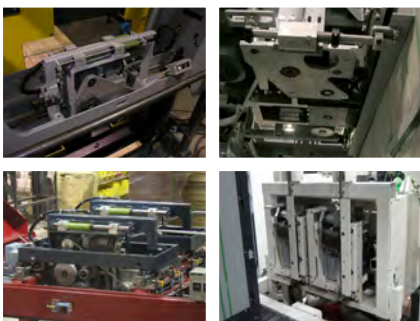


**Reduced greenhouse effect:** Friction sealing system does not generate harmful fumes versus heat blades.

**Reduced general waste by better product protection for handling and transport:** The product is properly secured to the pallet, resulting in a pallet that is more stable for transport and therefore less damage!

**Reduced electricity consumption:** By using variable frequency drives on all its motors<sup>1</sup>, Wulftec ensures that only the power required is used, regardless of the kW of the motor. By this, we have standardized our motor sizes, allowing for less parts in inventory for us and our customers. This translates into greener operations at our end and at your end.

1. Except welding motor and PowerMaster platen motor



**WULFTEC**

A DURAVANT COMPANY

**Wulftec International Inc.**

209 Wulftec, Ayer's Cliff, Quebec, Canada J0B 1C0

Toll free: 877.WULFTEC (985.3832)

Phone: 819.838.4232

Fax: 819.838.5539

Email: wulftec@wulftec.com



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