

# SIGNODE PSF

## Power Strapping Feeder

A fast efficient solution for strapping palletised loads for use with plastic or steel strap



### Features and Benefits

**Increase productivity** – the Signode PSF can substantially increase productivity when strapping large or palletised loads by reducing the time required to complete the strapping cycle.

**Improved efficiency** – the Signode PSF enables pallets to be easily strapped by a single operator.

**Simple and easy to use** – specially designed for ease of use, the Signode PSF requires only push button operation to initiate the strap cycle.

**Operator friendly** – ergonomically designed to provide a safe work station for all strapping operations.

**Low maintenance** – the Signode PSF has been designed for only minimal maintenance requirements.



# SIGNODE PSF

## Power Strapping Feeder

A fast efficient strapping system for large or palletised loads for use with plastic or steel strap

### Design, Function and Application

The Signode **PSF** is a power strap feeder specially designed to apply straps quickly and efficiently around palletised or other large packs. Manual strapping of large, or palletised loads, is labour intensive and extremely time consuming. In some instances it can place operatives in a hazardous position and often, to overcome this, two operatives are required to complete the procedure. The Signode **PSF** provides a much faster and more efficient alternative to manual strapping. Only one operator

is required with the Signode **PSF**, which also acts as a work station, enabling all packaging operations to be completed in a safe and ergonomic position - literally at the touch of a button! Included in the Signode **PSF** is a strapping tool located on an overhead spring pivoting system, ensuring the strapping tool is not only always in the right position, but is light to use, minimising operator fatigue.

### Using the Signode PSF

In operation the Signode PSF is very easy to use;

#### 1. Strapfeed around load

Depressing the push button initiates the strap feeding process around three sides of the load. A timer pre-sets the amount of strap that comes out of the bottom strap guide (which can be either a fixed chute or a telescopic bayonet).

Whilst strap feeding continues, a flap on the head opens to create a strap loop in a convenient position in front of the operator. The length of this loop is fully adjustable to suit individual operational requirements.

#### 2. Securing the load

By simply pulling the strap out of the top and bottom guides, the strap is easily applied around the load. The operator then inserts the strap ends in the tool to tension and seal the strap in the normal way.

All unused strap can be returned to the dispenser, simply by activating the push button for a second time enabling the FT head to prepare for the next strap cycle. This feature is unique to the Signode PSF and eliminates time consuming manually re-insertion of strap for the next cycle.



### Models

PSF-T: feeder with fixed bottom strap guide.

PSF-B-FT: feeder with moveable bayonet.

PSF-M-B-FT: moveable feeder with bayonet.

### Strap

The Signode **PSF** can be used with either steel or plastic strap.

#### Steel strap

12 mm to 19 mm width; 0.4 mm to 0.9 mm gauge.

Quality: Apex or Magnus may be used.

#### Plastic strap

11 mm to 16 mm width; 0.5 mm to 0.9 mm gauge.

Quality: Dylastic® (polypropylene) or Tenax® (polyester).

### Specifications

Power requirement: 400 V 3 phases 50 Hz + G

Compressed air: Industrial air 6 bars

Weight: 300 to 500 kg according to model and dimensions

### Standard Dimensions

Max. conveyor height (inc. pallet loads): 2250 mm

Width: 600 to 1600 mm

### Options

Special dimensions on request.

### Strapping Tools and Accessories

A wide selection of Signode strapping tools and accessories is available. Contact your local Signode company for information.

### Worldwide Service Back-up

As a global product, strapping materials, service and spare parts for the PSF are available from all Signode distributors and partners.