

Electro-Pneumatic Strapping Head for 19 (32) mm steel strapping for small packs/coils

The smallest surface of support for different packages =>

Technical Data

Weight	200 kg / 440 lbs
Dimensions	Height : 1020mm / 40.2" Width : 705 mm / 28.3" Depth : 550 mm / 22.1"
Strap feeding speed	1m/s / 3.28 pieds/sec (adjustable speed using frequency converter)
Electrical data Motor	: 230/400 Volt; trois-phases; 50Hz; 0,75 KW
Air consumption:	25 NI/cycle;
Feuillard:	Feuillard acier 19 x 0,8 mm (type à définir 0.63-0.9mm)
Strap tension:	4000N adj. par potentiomètre sur la console
Push type seals:	45x22mm, 2 easy changeable magazines are supplied (70 pcs./each)

Advantages

- Heavy strong construction and high reliability of 98%
- The perfect double notch joint of the tool A482 (A483) guarantees 75% of the steel strap (similar to 80% reached with 3 punches but a lot higher than 55% with 2 punches necessary for small packs/coils)
- All current steel straps can be used with elongation from 600-1100 N/mm²/ 87000 – 160000 psi
- Packs can be dirty or with grease (no problems like with welding joints)
- Using seals available in the market (competitors ask for their own seal)
- The strap is tensioned through a profiled tendion wheel, driven by motor-gear frequency controlled, adjustment by pneumatic clutch with manometer
- No tension released (not necessary an opposite joint or the Microlock joint)
- Min.parcel width is 80 mm (90 mm for 32 mm) with hard package, the min.coil dia. Is approx. 400mm
- Small hexagonal tubes with 85mm side
- Strapping line asymmetric for slit coils : radial strap through the eye for coils with ext. diameter 700-800mm
- Circumferential strap for coils with ext. diameter approx. 400mm
- Strap feed and retract speed is frequency controlled and therefore adjustable
- Low wearing material ; wearing parts in contact with the seal are made for A482 (A483) so available in stock
- Mechanical switch / sensor to detect the parcel
- Std Vertical installation including an head stroke to strap packs with similar packs (in range of 50mm)
- Option lateral installation to strap packs with Hmin=350 mm with strap line at 300mm
- Option horizontale installation to strap packs with Hmin=200 mm with strap line at 150 mm

Options

- Head movement by steering wheel to the best position / External floating device
- Vertical or horizontal sword, fix or moving machine, with top and side press, telescopic arc
- Device to place bunks and or corners on top/bottom/sides positions

Markets

Iron industries:

Coils and slit coils
Flat metal sheets
Pipes and steel bars

Aluminium industries:

Coils,
Ingots,
Wires and tubes bundles

Wires and tubes bundles

