DATA SHEET P357

Pneumatic, sealless plastic strapping tool for Standard Duty Applications

FROMM | STRAPPING SOLUTIONS

Pneumatic strapping tool, for Manual (2 button) or Semi-Automatic (1 button) operation

Characteristics

Strapping qualities	Polyester (PET) and Polypropylene (PP), plain and embossed
Strapping dimensions	width 12,7 – 16,0 mm / 1/2 – 5/8" thickness 0,40 – 1,05 mm / .016 – .041"
Weight	5,7 kg / 12.6 lbs
Tool size	L350 x W133 x H135 mm / 13.8" x 5.2" x 5.3"
Type of seal	Sealless, Friction weld sealing
Average seal strength	approx. 75% (depending on strap quality)
Tension force:	600 – 1.300 N / 135 - 292 lbs | 1.200 – 2.500 N / 270 – 562 lbs, adjustable
Tension speed	approx. 165 mm/s / 6.5"/s | 104 mm/s / 4"/s. See chart of types.
Max. air pressure	5,5 - 6.0 bar / 80 - 87 psi
Air consumption	60 Nl/min – 2.1 cu.ft/min Max. pressure drop of 0,5 bar / 7.25 psi
Suspension bracket	supplied with the tool

Advantages & Benefits

- Single hand operation tool;
- Select the operation mode that best fits to your job: manual (2-buttons) or semi-automatic (1-button);
- Easy strap threading – both straps are inserted together;
- Strap tension can be set and blocked for correct and consistent secured packages;
- Seal time is easy to adjust, to get the best possible seal efficiency;
- To warrant an optimal seal cooling time, the signalisation pin shows you the end of each strapping cycle;
- Pneumatically powered, very reliable and maintenance-friendly;
- This tool is ideal for a wide variety of vertical and horizontal strapping positions, suitable for almost all applications in various industries.
- The perfect solution in case electrical powered tools, for safety or technical reasons, must not or cannot be used;
- The compressed air, can be connected to the tool either on top of the main housing or at the rear end;
- For packages with a rough and hard surface, a bottom-base wearing plate is available as accessory;
- In cases where soft packages are to be strapped, a plastic bottom-base protection plate is available;

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DATA SHEET P358

Pneumatic, sealless plastic strapping tool for HD Applications

FROMM | STRAPPING SOLUTIONS

HD strapping tool, for Manual (2 button) or Semi-Automatic (1 button) operation

Characteristics

Strapping qualities	Polyester (PET) & Polypropylene (PP), plain and embossed
Strapping dimensions	width 16,0 – 19,0 mm / 5/8 – 3/4" thickness 0,65 – 1,35 mm / .026 – .053"
Weight	5.7 kg / 12.6 lbs
Tool size	L350 x W133 x H135,5 mm / 13.78" x 5.2" x 5.3"
Type of seal	Sealless, friction weld sealing
Average seal strength	approx. 75% (depending on strap quality)
Tension force	1.000 – 2.300 N / 225 – 517 lbs | 1.900 – 4.000 N / 427 – 900 lbs (adjustable)
Tension speed	approx. 115 mm/s – 4 ½"/s | 70 mm/s – 2 ¾"/s. See chart of types.
Max. air pressure	5,5 – 6,0 bar / 80 - 87 psi
Air consumption	100 Nl/min – 3.5 cu.ft/min Max. pressure drop of 0,5 bar / 7.25 psi
Suspension bracket	supplied with the tool

Advantages & Benefits

- The perfect solution where electrical powered tools, for safety or technical reasons, must not or cannot be used;
- Choose your own operation mode – manual or semi-automatic – using the external selection screw;
- Easy strap threading – both straps are inserted together;
- Sealing time and strap tension are easy to adjust, resulting in the best possible seal efficiency and appropriately tensioned straps, resulting in perfectly secured packages;
- In addition, strap tension can be blocked for a consistent seal result;
- A signalisation pin shows you the end of each strapping cycle, to warrant an optimal seal cooling time;
- Pneumatically powered, very reliable and maintenance-friendly;
- The compressed air, can be connected to the tool either on top of the main housing or at the rear end;
- For packages with a rough and hard surface, a bottom-base wearing plate is available as accessory;
- In cases where soft packages are to be strapped, a plastic bottom-base protection plate is available;
- This tool is ideal for a wide variety of vertical and horizontal strapping positions, suitable for almost all applications in various industries.

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Datasheet P359

Pneumatic sealless plastic strapping tool

FROMM | STRAPPING SOLUTIONS

Pneumatic sealless plastic strapping tool for heavy strapping

Characteristics

Strapping qualities:		Polyester (PET)
Stapping dimensions:	widths thicknesses	19.0 – 32.0 mm / 3/4 – 1 1/4” 0.60 – 1.53 mm / .023 – .060”
Weight incl. bracket:		8.9 kg /19.6 lbs
Dimension without bracket:		L372 x W176 x H146 mm / 14.7” x 6.9” x 5.7”
Average seal strength:		up to 75% (dependent on strap quality)
Type of seal:		Friction weld sealing
Strap tension:		2000 – 3500 N / 450 – 785 lbs (adjustable) or 4000 – 7000 N / 900 – 1570 lbs (adjustable)
Tensioning speed:		120 mm/s / 4.7 inch/s or 60 mm/s / 2.4 inch/s
Max. air pressure:		6.0 bar / 87 psi

Suspension bracket supplied with the tool

Advantages

- Unique plastic strapping tool on the market
- The strapping tool can be used in two button (manual) or in one button operation mode (semi-automatic) by turning the adjustment screw for operation mode
- High tension force up to 7000N
- Ideal for heavy duty applications with strapping dimensions of 19 to 32 mm (¾ to 1 ¼“) and a thickness up to 1.53 mm (.060“)
- Pneumatically powered reliable and service friendly tool
- The strap tension can be adjusted individually using the adjustment system – thus the package is secured with a perfectly tensioned strap
- The sealing time is set individually for a specific strap quality and thickness and a high seal strength is assured

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Datasheet A452

Pneumatic pusher type steel strapping tool

FROMM | STRAPPING SOLUTIONS

Pneumatic pusher type tensioner for round objects

Characteristics

Strapping qualities:		Uniflex and Ultraflex max. 1100 N/mm^2 / 160'000 psi
Strapping dimensions:	widths thicknesses	19.0 – 32.0 mm / 3/4 – 1 1/4" 0.63 – 1.27 mm / .025 - .050"
Weight:		4.35 kg / 9.6 lbs
Strap tension:		8500 N / 1900 lbs (6 bar / 87 psi)
Seals:		Overlap seals
Sealing:		With separate sealer model A412 or A461
Suspension:		Eye bolt for standard applications is supplied with the tool

Advantages

- Very high strap tension up to 8500 N / 1900 lbs
- After tensioning, the tool stops to tension, but no strap tension ever is lost (free wheeling system)
- For safety reasons, the strap tension can be released at any time by pressing the black safety push button
- The rugged tool permits a high strap tension and is particularly suitable for applications in the steel- and steel processing industries
- The tension speed is very high
- Very silent operation of the tool
- The light tool is ideal for non stationary applications

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Datasheet A461
Pneumatic sealer

FROMM | STRAPPING SOLUTIONS

Pneumatic sealer

Characteristics

Strapping qualities:		Uniflex and Ultraflex max. 1100 N/mm^2 / 160'000 psi
Strapping dimensions:	widths	19.0 – 32.0 mm / 3/4 – 1 1/4"
	thicknesses	0.63 – 1.00 mm / .025 - .040"
Weight:		4.2 kg / 9.3 lbs
Average seal strength:		Approx. 75 %
Seals:		Overlap seals
Type of joint:		Double notch upcut joint
Tensioning:		With separate tensioner model A452
Two different working versions:		Version N = Handle 90° to the strap (normal) Version P = Handle parallel to the strap

Advantages

- The pneumatic sealer can be used easily with one hand only
- The safe upcut double notch joint is accomplished in one strike
- The seal safety mechanism prevents poor seal joints as a result of faulty operation of the tool by the user
- The tool can be supplied with the handle in a 90° angle to the strap (N-version) or with the handle parallel to the strap (P-version), the user may select the right tool for his application

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Datasheet A480

Pneumatic steel strapping tool

FROMM | STRAPPING SOLUTIONS

Pneumatic pusher type combination steel strapping tool

Characteristics

Strapping qualities:		Uniflex and Ultraflex max. 1100 N/mm^2 / 160'000 psi
Strapping dimensions:	widths thicknesses	10.0 - 19.0 mm / $^3/_8$ - ¾" 0.38 – 0.63 mm / .015 - .025"
Weights:		4.5 kg / 9.9 lbs without suspension 4.6 kg / 10.1 lbs with suspension
Average seal strength:		approx. 75 %
Seals:		Overlap seals, see chart
Type of joint:		Single notch joint
Strap tension:		The tool is available for two different stages of strap tension, see chart
Suspensions (Optional):		Suspension bracket for standard and vertical applications is supplied with the tool suspension bracket for horizontal and vertical applications; have to be ordered separately, see accessories

Advantages

- Very suitable for strapping of bars, bundles, pipes, coils and packages having a small surface
- If used for stationary operation the tool may be suspended on a spring loaded balancer using a suspension bracket (see suspensions)

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