

DATA SHEET EP-1355

HD BATTERY TOOL



DESCRIPTION

Automatic tensioner for plastic strap.
Use for normal or heavy duty work on a flat surface.

STRAP TYPE	LOAD TYPE
Polyester or polypropylene	Flat load



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TECHNICAL SPECIFICATIONS

WORK TYPE	Standard strength	
LENGTH	12.25 in	
WIDTH	6 in	
HEIGHT	5.25 in	
WEIGHT	5 lbs	
SEAL TYPE	Friction seal	
SEALING EFFICIENCY	85 ± 5% <small>*Tested by normal strap specification & condition</small>	
AUTOMATION	Automatic	
CHARGER VOLTAGE	100V a.c. / 115V a.c. / 230V a.c. / 240V a.c.	
STRAP WIDTH	1/2 – 5/8 in	5/8 – 3/4
STRAP THICKNESS	up to 0.65 – 1.27 in	Up to .040 – 1.27 in
SEAL TYPE	Friction seal	Friction seal
TENSION RANGE	55 – 551 lbs	88 – 881 lbs

* Tension & Sealing performance varies based on strap specification, quality, setting and remaining battery power.
* Pre-testing before operation is required.
* Cutting is applicable to both Polypropylene and Polyester straps.

Dimension *(Tool size with battery)*

Length: Approx. 12.6” / 320 mm
Width: Approx. 6” / 150 mm
Height: Approx. 5” / 130 mm

Weight

Tensioner: Approx. 6.16 lbs / abt. 2.80 kgs
Li-Ion Battery: Approx. 1.32 lbs / abt. 0.60 kgs

Noise

Sound pressure level: 85dB(A)
Sound power level: 94dB(A)

Vibration

Hand-arm vibration: 3.9m / sec² (uncertainty K = 1.5m / sec²)

Battery

EP-1355-12/58 & EP-1355-58/34:
Battery (Item no. 9380) Voltage / Capacity 18Vd.c. / 4.0Ah Li-Ion.

Strapping cycles

(brand new & fully charged battery)

EP-1355-12/58 & EP-1355-58/34: Approx. 450 cycles w/ 16 mm x 1.0 mm PET strap
 Approx. 600 cycles w/ 15 mm x 0.80 mm PP strap

EP-1355-58/34: Approx. 360 cycles w/ 19 mm x 1.0 mm PET strap

Note: Strapping cycles number varies based on strap quality, specification, set tension, set sealing time, operation habit, ambient environment and tensioning distance. (The approx. strapping cycle number was tested on normal quality straps based on a new and fully charged Li-Ion battery, part no. 9380). **Li-Ion battery (No. 9380) complies with UN38.3 safety requirements.**

Charger

EP-1355-12/58 & EP-1355-58/34 (Battery part no.2382-XX, Charger no. AL1860CV/ GAL1880CV):
Charging time - 30 minutes under normal conditions

Suitable poly straps

EP-1355-12/58 & EP-1355-58/34 are suitable to work with both PP & PET material straps.
The strap’s bridging and breaking strength must be conformed to the standard of strapping tool’s request.

Tension

EP-1355-12/58: adjustable from 55 lbs - 551 lbs ± 5 %
 25 kgs - 250 kgs ± 5 %
EP-1355-58/34: adjustable from 88 lbs - 881 lbs ± 5 %
 40 kgs - 400 kgs ± 5 %

Note: Tension performance varies based on strap specification, quality, setting and remaining of battery power.

Tension setting range

1 – 6

Tension speed

EP-1355-12/58: 7.5” (190mm) / sec
EP-1355-58/34: 5.9” (150mm) / sec

Sealing time adjustment

0.3 sec - 2.7 sec (0.3 second / increment)

Note: Sealing performance varies based on strap specification, quality, setting and remaining of battery power.



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