

Competitive Comparison



Tool	BXT-10	BXT2-16	FROMM P319
Strap Type	PP + (PET)	PP + PET	PP + PET
Thickness	3/8" – 1/2"	3/8" – 5/8"	3/8" – 1/2"
Range	PP 0.019" – 0.031" PET 0.019" – 0.031"	PP 0.019"- 0.041" PET 0.019"- 0.041"	PP 0.014" – 0.031" PET 0.35" - 0.031"
Weight with battery	7.7 lbs.	9 lbs	8.3 lbs
Cycles / charge - Stated - Measured	120 – 250	200 – 400 220 (PET 5/8" x 0.30")	n. a. 150 (PET 5/8" x 0.30")
Tension range - Stated - Measured	0 – 157 lbs 0 – 157 lbs	(0) 88 – 550 lbs	33 – 179 lbs
Tension speed - Measured	8.7 in/sec	8.7 in/sec	6 in/sec
Seal efficiency - Measured	PP 60-65 % PET 70-75 %	PP 60-65 % PET +/-75 %	PP +/- 55% PET +/- 75%
Battery / Charger	BOSCH 12V / 2.4Ah NiCd NiMH option	BOSCH 14.4V / 2.6Ah Li-Ion	AEG 12V / 2.4Ah NiCd 12V / 3.0Ah NiMHoption

Advantages of BXT2 tools

- Faster tension speed: +40%
- LED indication for adjusted tension force welding time, battery charge
- Easier to remove after strapping (Rocker lifting force)
- Less tension wheel markings on the strap
- Audible sound for cooling time
- Fast and easy to replace wear parts and to service

Disadvantages of Fromm P319

- Slow tension speed
- Hard to lift up rocker-lever after strapping.
- Difficult wear part exchange: Cutter
- Over all operation not as smooth

Competitive Comparison



Tool	BXT-10	BXT2-16	FROMM P324
Strap Type	PP + (PET)	PP + PET	PP + PET
Thickness	3/8" – 1/2"	3/8" – 5/8"	3/8" – 5/8"
Range	PP 0.019" – 0.031" PET 0.019" – 0.031"	PP 0.019" - 0.041" PET 0.019" - 0.041"	PP 0.015 "– 0.041" PET 0.015"-0.041"
Weight with Battery	7.7 lbs.	9 lbs	9 lbs
Cycles / charge - Stated - Measured	120 – 250	200 – 400 220 (PET 5/8" x 0.30")	n. a. 150 (PET 5/8" x 0.30")
Tension range - Stated - Measured	0 – 157 lbs 0 – 157 lbs	(0) 88 – 550 lbs	539 lbs 539 lbs (PET 5/8" x 0.040")
Tension speed - Measured	8.7 in/sec	8.7 in/sec	5.9 in/sec 3.9 in/sec low tens.setting
Seal efficiency - Measured	PP 60-65 % PET 70-75 %	PP 60-65 % PET +/-75 %	PP +/- 55% PET +/- 75%
Battery / Charger	BOSCH 12V / 2.4Ah NiCd NiMH option	BOSCH 14.4V / 2.6Ah Li-Ion	AEG 14.4V / 2.4Ah NiCd 14.4V / 3.0Ah NiMH option

Advantages of BXT2 tools

- Ergonomic, especially at handle (rubber inlay, wrist position)
- Strap guides, horizontal applications

Disadvantages of Fromm P324

- Battery not protected
- Strap removal difficult
- Screws and bolts sticking out
- Difficult to see/change tool settings
- Difficult operation of sealing lever
- Non-accessible feedwheel
- Stocking problems for distributors due to different models
- No audible alarm/signal
- 50% of base plate is plastic (wear)
- No automatic mode, very slow

Competitive Comparison



Tool	BXT10	BXT2-16	Itistrap ITI 20
Strap Type	PP + (PET)	PP + PET	PP + PET
Thickness	3/8" – 1/2"	3/8" – 5/8"	1/2" – 5/8"
Range	PP 0.019" – 0.031" PET 0.019" – 0.031"	PP 0.019"- 0.041" PET 0.019"- 0.041"	PP 0.019" – .041" PET 0.19" - .059"
Weight with Battery	7.7 lbs.	9 lbs	8.2 lbs
Cycles / charge - Stated - Measured	120 – 250	200 – 400 220 (PET 5/8" x 0.30")	n. a. 105 (5/8" x 0.30")
Tension range - Stated - Measured	0 – 157 lbs 0 – 157 lbs	(0) 88 – 550 lbs	495 lbs 495 lbs (PET 16 x 0.8)
Tension speed - Measured	8.7 in/sec	8.7 in/sec	5.1 in/sec
Seal efficiency - Measured	PP 60-65 % PET +/- 75 %	PP 60-65 % PET +/-75 %	PP +/- 55% PET +/- 75-80%
Battery / Charger	BOSCH 12V / 2.4Ah NiCd 12V / 2.6Ah NiMH option	BOSCH 14.4V / 2.6Ah Li-Ion	No Name 14.8V / 2.0Ah Li-PO

Advantages of BXT2 tools

- Optimized system between electronics and Li-Ion Battery (last 4 times longer than competitive NiCd)

Disadvantages of Itistrap Iti 120

- Small rocker lever
- Welding lever difficult to operate
- Display and adjustments complicated and hardly readable
- Battery does not seem reliable (no electronic control)
- Poor battery position/contact
- No strap guides
- Slow tension speed
- Fragile housing, Poor quality

Competitive Comparison



Tool	BXT2-16	Columbia Digit LXT
Strap Type	PP + PET	PP + PET
Thickness	3/8" – 5/8" PP 0.019"- 0.041" PET 0.019"- 0.041"	5/8" – 3/4" .031" – .051"
Range	1 Tool, adjustable	1 Tool, adjustable
Weight with Battery	9 lbs	10 lbs
Cycles / charge - Stated - Measured	200 – 400 220 (PET 5/8" x 0.30")	n.a.
Tension range - Stated - Measured	(0) 88 – 550 lbs	764 lbs (PET) 495 lbs - measured with PET Take up - 6.9 in/sec
Seal efficiency - Measured	PP 60-65 % PET +/-75 %	PP +/- 50% PET +/- 70%
Battery / Charger	BOSCH 14.4V / 2.6Ah Li-Ion	Makita 14.4V – 3.0 Ah Li-Ion

Advantages of BXT2 tools

- Optimized system between electronics and Li-Ion Battery, active cooling system in charger prevents overheating (last 4 times longer than competitive batteries)

Disadvantages of Digit LXT

- Possible to weld w/o strap, causing premature weld pad wear
- Complicated adjustments
- Delays on touch panel (reaction time)
- No strap guide
- Bulky
- Cheap finish
- Position of welding lever awkward