

HAND TOOLS FOR PLASTIC STRAPPING



Orgapack solution

Hand tools
for different applications

Sealing with friction welding

Battery-powered tensioning and sealing



OR-T 670

PP, PET
25–32 mm
(.984", 1.260")



OR-T 450

PP, PET
16–19 mm
(.630"–.748")



OR-T 260

PP, PET
13–16 mm
(.511"–.630")



OR-T 130

PP, PET
9/11–13 mm
(.354/.433"–.511")

Manual tensioning,
battery-powered sealing



OR-T 55

PP, PET
9–19 mm
(.354"–.748")

Sealing with seal



OR 4000

PP, PET
13–16 mm
(.511"–.630")



Tensioners /
Sealers

PP, PET 10–19 mm
(.394"–.748")
Cord 10–50 mm
(.394"–1.969")

PLASTIC STRAP	PACKAGES		
	LIGHT	MEDIUM	HEAVY
OR-T 670 PP, PET 25–32 mm (.984", 1.260")			
OR-T 450 PP, PET 16–19 mm (.630"–.748")			
OR-T 260 PP, PET 13–16 mm (.511"–.630")			
OR-T 130 PP, PET 9/11–13 mm (.354/.433"–.511")			
OR-T 55 PP, PET 9–19 mm (.354"–.748")			
OR 4000 PP, PET 13–16 mm (.511"–.630")			
Tensioners / Sealers PP, PET 10–19 mm (.394"–.748") Cord 10–50 mm (.394"–1.969")			

OR-T Series

Leading hand strapping solution for highest security in the strapping process



MODEL OR-T 670

For heavy duty applications

- Tensioning + friction weld sealing using Li-Ion rechargeable battery technology
- For strapping with high tension
- Tensioning force up to 7,000 N

Strapping tool		OR-T-670
Operation mode		auto / semi / manual
Tension force range	Standard Soft	3000 – 7000 N 1000 – 5000 N
Variable tension speed range		0 – 100 mm/s
Weight (incl. battery)		6.7 kg
Dimension (L x W x H)		416 x 157 x 158 mm
Working temperature		-10°C to +40°C
Relative humidity		up to 90%
Sealing (joint type)		friction weld seal
Joint strength*		up to 75 – 85%
*Value depends on strap quality		
Battery / charger		
Charger type		Bosch
Battery charger voltage		100 or 110 or 230 V
Charging time		70 – 80 min
Battery type		Bosch Li-Ion ProCORE 18V, 8.0Ah
Cycles per battery charge		
■ Low tension		450
■ Medium tension		350
■ High tension		250
Strap		
Strap		PET (Polyester)
Width		25 – 32 mm
Thickness		PET 0.9 – 1.3 mm
Features		
Real time indication of applied tension force		●
Variable tension speed		●
Favorite strapping function		●
Display color indication for tool status information		●
Strap alignment indication		●
Strap dust blow out vent		●
Battery protection		●
0–Tension welding		●

OR-T 130

Light duty application

OR-T 260

Universal application

OR-T 450

Heavy duty application



MODEL OR-T 130

For light duty applications

- ⇒ Tensioning + friction weld sealing using Li-Ion rechargeable battery technology
- ⇒ For fast strapping when low tension is required
- ⇒ Tensioning force up to 1,200 N



INNOVATIVE

FOR OUTSTANDING RELIABILITY AND TOP ERGONOMICS

- Industry proven high quality tool
- Protective design
- Lightweight and perfectly balanced



MODEL OR-T 260

For universal applications

- ⇒ Tensioning + friction weld sealing using Li-Ion rechargeable battery technology
- ⇒ If medium tensioning forces are required
- ⇒ Tensioning force up to 2,500 N





INTELLIGENT

FOR EXCELLENT AND CONSISTENT PERFORMANCE

- Real time indication of applied tension force
- E-controlled strapping process
- Strap alignment indication

MODEL OR-T 450

For heavy duty applications

- ⇒ Tensioning + friction weld sealing using Li-Ion rechargeable battery technology
- ⇒ For strapping with high tension
- ⇒ Tensioning force up to 4,500 N



INTUITIVE

FOR EASY AND FAST OPERATION

- Variable tension speed controlled by finger pressure
- Digital user interface with touch pad adjustment
- Favourite strapping function



Technical data



Strapping tool		OR-T 130	OR-T 260	OR-T 450
Weight (incl. battery)		3.6 kg (7.9 lb)	3.8 kg (8.4 lb)	4.3 kg (9.5 lb)
Dimension (l x w x h)		370 x 141 x 135 mm 14.5" x 5.5" x 5.3"	370 x 141 x 135 mm 14.5" x 5.5" x 5.3"	370 x 143 x 135 mm 14.5" x 5.6" x 5.3"
Tension force range	Standard Soft	400–1,200 N (90–270 lbf) 150–750 N (22–165 lbf)	900–2,500 N (200–560 lbf) 400–1,360 N (90–305 lbf)	1,300–4,500 N (290–1000 lbf) 400–1,600 N (90–340 lbf)
Variable tension speed range		0–290 mm/s	0–220 mm/s	0–120 mm/s
Battery / charger				
Battery type		Bosch Li-Ion 18 V, 2,0 Ah	Bosch Li-Ion 18 V, 2,0 Ah	Bosch Li-Ion 18 V, 4,0 Ah
Battery charger voltage		100–230 V	100–230 V	100–230 V
Charging time		15–30 min	15–30 min	25–35 min
Cycles per battery charge depending on the strap quality, tensioning force and packaged goods		400–800	200–800	300–800
Strap				
Strap		PET (Polyester) PP (Polypropylene)	PET (Polyester) PP (Polypropylene)	PET (Polyester) PP (Polypropylene)
Width		9–10, 12–13 mm (3/8", 1/2")	12–13, 15–16 mm (1/2", 5/8")	15–16, 18–19 mm (5/8", 3/4")
Thickness		PET 0.4–0.8 mm (.015"–.031") PP 0.5–0.8 mm (.019"–.031")	0.5–1.0 mm (.019"–.040")	0.8–1.3 mm (.031"–.051")
Features				
Real time indication of applied tension force		●	●	●
Variable tension speed		●	●	●
Favourite strapping function		●	●	●
Display colour indication for tool status information		●	●	●
Strap alignment indication		●	●	●
Strap dust blow out vent		●	●	●
Battery protection		●	●	●
Zero Tension welding		●	●	●

Accessories



User interface cover
for additional protection in harshest environment



Protection plate
for usage on abrasive surfaces



Suspension bow
for stationary applications

OR-T 55

Economic alternative

Technical data

Strapping tool	
Weight (incl. battery)	3.8 kg (8.4 lbs)
Dimension (L x W x H)	380 x 130 x 200 mm (15" x 5.1" x 7.9")
Tension force range	0 – 2,300 N
Tensioning	Manually with lever
Battery	
Battery type	Bosch Li-Ion 12 V, 6 Ah
Battery charger voltage	100 or 110 or 230 V
Charging time	72 min (80%) - 95 min (100%)
Cycles per battery charge depending on the strap quality, tensioning force and packaged goods	Up to 750
Strap	
Strap	PET (Polyester) PP (Polypropylen)
Width	9–19 mm (3/8–3/4")
Thickness	0.5–1.0 mm (.019–.040")
Options	
Suspension bow	●



The low cost alternative to

- Tools with automatic seal feed
- Tensioner/sealer combination with metal seals
- Steel strapping applications (convert to PET strap)

- ⊕ For light to medium-heavy applications
- ⊕ Manual tensioning, friction-welded sealing using Bosch rechargeable battery technology
- ⊕ Easy to set the strap tension and welding time
- ⊕ Charge level of the rechargeable battery is displayed
- ⊕ Robust, for applications under aggressive conditions
- ⊕ Simple manual tensioning up to 2,300 N

ECONOMICAL SEALING WITH METAL SEALS

SINGLE-LEVER COMBINATION TOOL

Model	Strap type	Strap width mm (inch)	Strap thickness mm (inch)	Seal type	Weight kg (lbs)
OR 4000.13	PP, PET	12–13 (1/2)	0.4–0.7 (.016–.028)	ORP 2100.13	2.3 (5.07)
OR 4000.16	PP, PET	15–16 (5/8)	0.5–1.0 (.020–.040)	ORP 2300.16	3.4 (7.50)



VERSATILE FLAT BASED TENSIONER

For polypropylene, polyester and cord straps

Model	Strap type	Strap width mm (inch)	Strap thickness mm (inch)	Seal type	Weight kg (lbs)
ORS 1100.19	PP, PET	Up to 19 (3/4)	Up to 1(.039)	Seal	1.2 (2.65)
ORS 1300.19	PP, cord	Up to 19 (3/4)	0.4–1.2 (.015–.047)	Seal or buckle	1.2 (2.65)
ORS 1400.19*	PP, cord	Up to 19 (3/4)	0.4–1.2 (.015–.047)	Seal or buckle	1.2 (2.65)
ORS 1400.25*	Cord	10–25 (3/8–1)	0.8–1.2 (.031–.047)	Buckle	1.3 (2.87)

* With cut-away base plate



FLAT BASED TENSIONER FOR HEAVY-DUTY PACKAGES AND FOR SECURING LOADS

For cord straps up to 50 mm (2") wide

Model	Strap type	Strap width mm (inch)	Strap thickness mm (inch)	Seal type	Weight kg (lbs)
ORS 1300.40	Cord	Up to 40 (1 5/8)	0.6–1.5 (.023–.058)	Buckle	2.5 (5.50)
ORS 1300.50*	Cord	Up to 50 (2)	1.2–2.0 (.047–.078)	Buckle	2.6 (5.81)

*Also available without built-in strap cutter



SEALERS FOR POLYESTER STRAPS

High efficiency flat joint, with serrated seals

Model	Length of handle mm (inch)	Strap width mm (inch)	Strap thickness mm (inch)	Seal type
ORZ 3200.13	465 (18.3)	13 (1/2)	0.4–0.7 (.016–.028)	ORP 2100.13
ORZ 3200.16	465 (18.3)	16 (5/8)	0.4–0.7 (.016–.028)	ORP 2300.16
ORZ 3210.16	465 (18.3)	16 (5/8)	0.7–1.0 (.028–.040)	ORP 2300.16



SEALERS FOR POLYPROPYLENE STRAPS

High efficiency corrugated joint, plain type seal

Model	Length of handles mm (inch)	Strap width	Strap thickness mm (inch)	Seal type
ORZ 3300.10/13	350 (13.8)	10/13 (3/8, 1/2)	0.4–0.6 (.015–.021)	ORP 2600.13
ORZ 3400.16	465 (18.3)	16 (5/8)	0.4–0.6 (.016–.021)	–
ORZ 3410.13/16/19	465 (18.3)	13/16/19 (1/2, 5/8, 3/4)	0.7–1.0 (.028–.040)	ORP 2600.13

Also available

Coil holders for plastic strap

Hand tools for steel strapping, automatic installations

SEALS FOR PLASTIC STRAPPING

ORP 2100/2300
With serrated inner surface, for polyester and polypropylene straps



ORP 2600
Plain snap-on type, for polypropylene straps



COIL HOLDERS (TROLLEY TYPE)



Robust and stable steel tube frame with large rubber wheels, tool and seal tray, coil brake

Model	Strap coil		
	Ø Inside	Ø Outside	Width
OR-A 627	200 mm (7.9")	500 mm (19.7")	170–230 mm (6.7–9")
OR-A 628	280 mm (11")	500 mm (19.7")	170–230 mm (6.7–9")
OR-A 629	405 mm (16")	650 mm (25.6")	120–180 mm (4.7–7.1")



HAND TOOLS FOR STEEL STRAPPING

For flat and round packages, tensioning and sealing manually or pneumatically



FULLY AUTOMATIC INSTALLATIONS FOR PLASTIC OR STEEL STRAPPING

From the same partner: development, manufacture, assembly, commissioning