

# HAND TOOLS FOR PLASTIC STRAPPING



# Orgapack solution

Hand tools  
for different applications

## Sealing with friction welding

Battery-powered tensioning and sealing

OR-T 450



PLASTIC STRAP

PP, PET  
16–19 mm  
(.630"–.748")

PACKAGES

LIGHT

MEDIUM

HEAVY

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 50



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
PP, PET 16–19 mm (.630"–.748")	[Shaded bar]		
PP, PET 13–16 mm (.511"–.630")	[Shaded bar]	[Orange bar]	[Shaded bar]
PP, PET 9/11–13 mm (.354/.433"–.511")	[Shaded bar]		
PP, PET 9–19 mm (.354"–.748")	[Shaded bar]		
PP, PET 13–16 mm (.511"–.630")	[Shaded bar]		
PP, PET 10–19 mm (.394"–.748") Cord 10–50 mm (.394"–1.969")	[Shaded bar]		

# OR-T 130, OR-T 260, OR-T 450

Leading hand strapping solution ensures full process security



- INTELLIGENT
- INNOVATIVE
- INTUITIVE



[www.orgapack-ort.com](http://www.orgapack-ort.com)



**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 50

## Economic alternative

### Technical data

Strapping tool	
Weight (incl. battery)	4 kg (8.8 lbs)
Dimension (L x W x H)	400 x 130 x 200 mm 15.7" x 5.1" x 7.9"
Tension force range	0–2,300 N
Tensioning	Manually with lever
Battery	
Battery type	NiMH 12 V, 2,6 Ah
Battery charger voltage	230 (115) V
Charging time	60 min
Cycles per battery charge depending on the strap quality, tensioning force and packaged goods	Up to 400
Strap	
Strap	PET (polyester) PP (polypropylène)
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 NiMH 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 mm (inch)	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