







HAND TOOLS FOR PLASTIC STRAPPING



ORGAPACK solutions

Hand tools for different applications

		Plastic strap	Packages		
			Light	Medium-duty	Heavy
With friction-weld seal					
Tensioning and sealing with battery power					
OR-T 300		PP 19 mm PET 15–19 mm	[Application range bar]		
OR-T 200		PP, PET 12–16 mm	[Application range bar]		
OR-T 100		PP 9–13 mm PET 9–11 mm	[Application range bar]		
Manual tensioning, battery-powered sealing					
OR-T 50		PP, PET 9–19 mm	[Application range bar]		
Sealing with seal					
OR 4000		PP, PET 13–16 mm	[Application range bar]		
Tensioners / sealers					
		PP, PET 10–19 mm Cord 10–50 mm	[Application range bar]		

OR-T 300, OR-T 200, OR-T 100

The latest technology in battery-powered hand tools
Universal applications



One-piece strap insertion

Easy and fast: both straps inserted together



One-hand operation

So easy: Tensioning, welding and sealing – all with one hand



Light and versatile

The lightest strapping tool in its performance class



Touchpanel

The battery charge level is displayed at the push of a button – setting the strap tension and welding time also at the push of a button



Battery protection

Housing construction provides optimum protection of the battery

Versatile: For heavy, universal and light applications

OR-T 300

For heavy-duty applications

- The "strong" alternative to steel strapping
- Tensioning force up to 3300 N



OR-T 200

For general medium-duty applications

- Tensioning force up to 2000 N



OR-T 100

For light-duty applications

- When fast and gentle strapping with low tension is required
- Tensioning force up to 700 N



Protection cover for touchpanel
for harsh use in industrial environment



Suspension bow
for stationary strapping



Battery BOSCH HD
for maximum performance and long working life, with cells NiCd or NiMH* (*not for use with cold temperature)



Battery charger
with discharging/charging function (OR-T 300)

OR-T 50

The economical alternative

Manual tensioning, battery-powered sealing



Low cost

- The economical alternative to tools with metal seals
- For general to medium duty applications
- Easy to set the strap tension and welding time
- The battery charge level is displayed
- Robust, for applications under aggressive conditions
- Tensioning force up to 2300 N



Technical data	OR-T 300	OR-T 200	OR-T 100	OR-T 50
Weight , kg (lbs), incl. battery	4.2 (9.3)	3.9 (8.6)	3.5 (7.8)	4.0 (8.8)
Dimensions				
– Length, mm (inch)	375 (14.7)	375 (14.7)	375 (14.7)	400 (15.75)
– Width, mm (inch)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5)
– Height, mm (inch)	140 (5.5)	140 (5.5)	140 (5.5)	200 (7.90)
Tensioning				
With friction clutch				•
Battery power (push button)	•	•	•	
Tensioning, N (lbf)	400–3300 (88–730)	400–2000 (88–440)	0–700 (0–155)	Up to 2300 (506)
Sealing				
Battery power	•	•	•	•
Friction weld seal	•	•	•	•
Batterys				
Strappings with one battery	120–250 (PP) 80–150 (PET)	100–200	Up to 300	Up to 200
Power supply				
– Battery charger	100/240 V	100/240 V	100/240 V	230 (115 V)
– Battery	14.4 V, 2,4 Ah	12 V, 2,4 Ah	12 V, 2,4 Ah	12 V, 1,5 Ah
Chargings per battery, up to	2000	2000	2000	2000
Battery charging time, minutes	60	60	60	60
Strap				
Strap width, adjustable				
– Polypropylene, mm (inch)	19 (3/4)	12–16 (1/2–5/8)	9–13 (3/8–1/2)	9–19 (3/8–3/4)
– Polyester, mm (inch)	15–19 (5/8–3/4)	12–16 (1/2–5/8)	9–11 (3/8)	9–19 (3/8–3/4)
Strap thickness				
– Polypropylene, mm	0.8–1.0 (.031–.040)	0.6–1.0 (.023–.040)	0.5–0.8 (.019–.031)	0.5–1.0 (.019–.040)
– Polyester, mm	0.8–1.3 (.031–.054)	0.5–1.0 (.019–.040)	0.5–0.8 (.019–.031)	0.5–1.0 (.019–.040)
Option				
– Steel plate to protect the supporting surface	•	•		
– Universal suspension bow	•	•	•	•

OR 4000

Proven manual tools Sealing with metal seals

The single-lever combination tool for vertical and horizontal strapping

For use with PP and PET straps

Lightweight, portable, robust

High tensioning capacity due to
windlass tensioning system – limited
only by the breaking strength of the
strap



Model	Strap type	Strap width	Strap thickness	Weight	Seal
OR 4000.13	PP, PET	13 mm	0.4–0.7 mm	2.3 kg	ORP 2100.13
		(1/2")	(.016–.028")	(5.1 lbs)	
OR 4000.16	PP, PET	16 mm	0.5–1.0 mm	3.4 kg	ORP 2300.16
		(5/8")	(.020–.040")	(7.5 lbs)	
OR 4500.13	PP, PET	13 mm	0.5–0.8 mm	3.4 kg	ORP 2100.13
		(1/2")	(.020–.031")	(7.5 lbs)	



Tensioners / sealers

Economical

Sealing with metal seals

The versatile flat based tensioner

For polypropylene, polyester and cord straps

Model	Strap type	Strap width mm (inch)	Strap thickness (cord), mm (inch)	Weight kg (lbs)
ORS 1100.19*	PP, PET	10-19 ($\frac{3}{8}$ - $\frac{3}{4}$)		1.2 (2.75)
ORS 1300.19**/**	PP, Cord	10-19 ($\frac{3}{8}$ - $\frac{3}{4}$)	0.4-1.2 (.015-.047)	1.2 (2.75)
ORS 1400.19**/**/**	PP, Cord	10-19 ($\frac{3}{8}$ - $\frac{3}{4}$)	0.4-1.2 (.015-.047)	1.2 (2.75)
ORS 1400.25**	PP, Cord	10-25 ($\frac{3}{8}$ -1)	0.8-1.2 (.031-.047)	1.3 (2.95)

* Seal type: Seals ** Seal type: Metal buckles *** With cut-away base plate



The 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)	Weight kg (lbs)
ORS 1300.40*	Cord	Up to 40 ($1\frac{5}{8}$)	0.6-1.5 (.023-.050)	2.5 (5.50)
ORS 1300.50**/**	Cord	Up to 50 (2)	0.6-1.5 (.023-.050)	2.6 (5.50)

* Seal type: Metal buckles ** 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 3100.13	350 (13.8)	13 ($\frac{1}{2}$)	0.4-0.7 (.015-.028)	ORP 2100.13
ORZ 3100.16	350 (13.8)	16 ($\frac{5}{8}$)	0.4-0.7 (.015-.028)	ORP 2300.16
ORZ 3200.13	465 (18.3)	13 ($\frac{1}{2}$)	0.4-0.7 (.015-.028)	ORP 2100.13
ORZ 3200.16	465 (18.3)	16 ($\frac{5}{8}$)	0.4-0.7 (.015-.028)	ORP 2300.16
ORZ 3210.16	465 (18.3)	16 ($\frac{1}{2}$)	0.7-1.0 (.015-.028)	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 3300.10/13/16/19	350 (13.8)	10/13/16/19 ($\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$)	0.4-0.6* (.015-.023)	ORP 2600.13/16
ORZ 3400.13/16/19	465 (18.3)	13/16/19 ($\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$)	0.4-0.6* (.015-.023)	ORP 2600.13/16
ORZ 3410.13/16/19	465 (18.3)	13/16/19 ($\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$)	0.7-1.0 (.028-.040)	ORP 2600.13/16

* 19 mm ($\frac{3}{4}$ "): up to 0.8 mm (.031") thick

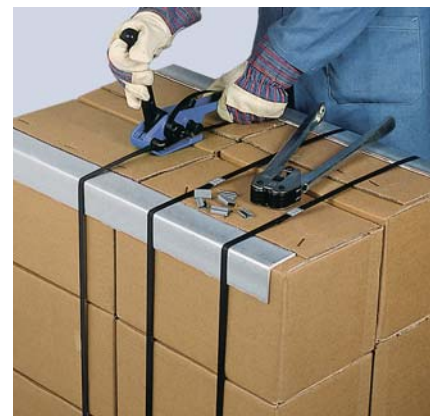
Seals ORP 2100/2300

With serrated inner surface, for polyester and polypropylene straps



Seals ORP 2600

Plain snap-on type, for polypropylene straps



Also available

Coil holders for plastic strap

Hand tools for steel strapping, automatic installations



Coil holders (trolley type)

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

Model	Strap coil		
	Inside Ø	Outside Ø	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

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