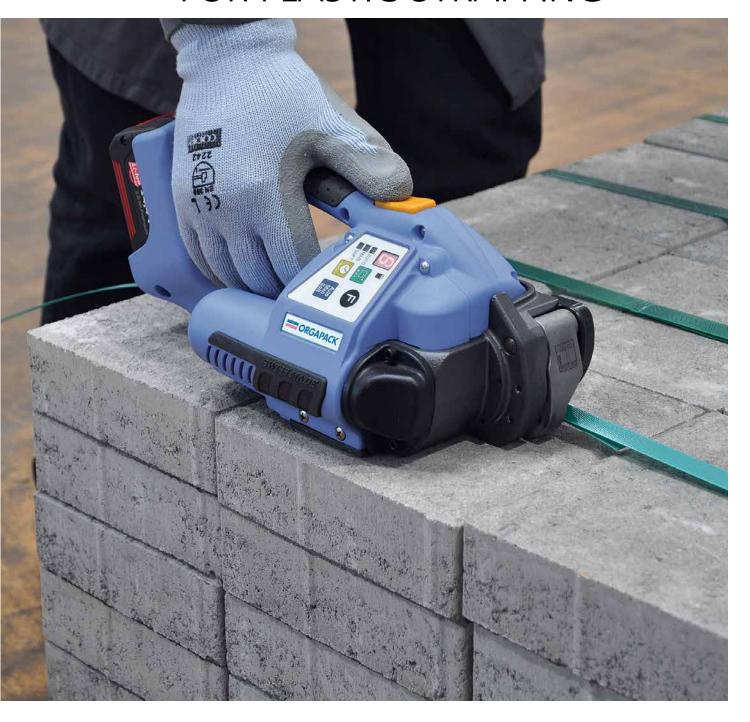
# HAND TOOLS FOR PLASTIC STRAPPING







## **ORGAPACK** solutions

# Hand tools for different applications

	Diagram at your	Packages			
	Plastic strap	Light	Medium-duty	Heavy	
With friction-weld seal					
Tensioning and sealing with battery power					
OR-T 400	PP 19 mm PET 16–19 mm				
	PP, PET				
OR-T 250	12–16 mm				
OR-T 120	PP, PET 9/11–13 mm				
Manual tensioning, battery-powered sealing	PP, PET				
OR-T 50	9–19 mm				
Sealing with seal					
OR 4000	PP, PET 13–16 mm				
Tensioners / sealers	PP, PET 10–19 mm				
Tensioners / sealers	Cord 10–50 mm				



## OR-T 120, OR-T 250, OR-T 400

# A quantum leap in strapping with battery-powered hand tools



**Easy** 

**Fast** 

Safe

**Economic** 

**Environmentally- friendly** 



Developed and manufactured in Switzerland









# OR-T 250 Universal applications OR-T 400 Heavy applications



### **Easy**

- Depending on application, adjustable operation mode
- Fully automatic
- Semi-automatic
- Manual
- Soft

#### **Fast**

Regardless of package, size, vertical or horizontal strapping:

• Fully or semi-automatic tensioning, welding, and strap cutting - with only one push of a button

## Safe

For multiple strapping or for the same types of goods:

- Consistent strappings
- Automatic strapping eliminates operator error

Strapping with PP strap or for fragile packages:

• "Soft" mode





## **Environmentally-friendly**

Latest brushless motor engineering with the latest environmentalfriendly battery technology from Bosch:

- High efficiency ratio
- No memory effect
- Recharging at any time
- High number of strappings per charge

### **Economic**

- Energy-efficient strapping system
- More cycles per battery charge
- Cost efficient
- Service-friendly design
- High quality







OR-T 50

# **OR-T 120** Light applications Low cost alternative for light to medium-heavy applications



- with metal seals
- Steel strapping applications (convert to PET strap)

## For light to medium-heavy applications

Manual tensioning, battery-powered sealing

Easy to set the strap tension and welding time

The battery charge level is displayed

Robust, for applications under aggressive conditions

Simple manual tensioning up to 2300 N







Technical	data	OR-T 400	OR-T 250	OR-T 120	OR-T 50
-	luding battery)	4.2 kg (9.3 lbs)	3.9 kg (8.6 lbs)	3.4 kg (7.5 lbs)	4 kg (8.8 lbs)
Dimensions	s Length	334 mm (13.1")	334 mm (13.1")	320 mm (12.6")	400 mm (15.7")
	Width	138 mm (5.4")	138 mm (5.4")	138 mm (5.4")	130 mm(5.1")
	Height	148 mm (5.8")	148 mm (5.8")	148 mm (5.8")	200 mm (7.9")
Tensioning	(press button)	Electrically	Electrically	Electrically	Manually
					with lever
<ul><li>Tensionir</li></ul>	ng force, fully				
adjustab	le (depending				
on strap)	)	(0) 1200-4000 N	(0) 900-2500 N	(0) 400-1200 N	0-2300 N
- Soft		(0) 400-1600 N	(0) 400-1500 N	(0) 150-750 N	
Tensioning	speed	175 mm/s	220 mm/s	220 mm/s	
Sealing (fric	tion weld seal)	Electrically	Electrically	Electrically	Electrically
		-	-	•	,
Battery					
No of strap	s with one battery	180-300	200-400	200-300	Up to 200
Voltage	Battery charger	100-230 V	100-230 V	100, 110, 230 V	230 (115 ) V
, ,	Battery	18 V, 2,6Ah	14,4 V, 2,6Ah	14,4 V, 1,3Ah	12 V, 1,5Ah
	·	Li-Ion (Bosch)	Li-Ion (Bosch)	Li-Ion (Bosch)	NiCd (Bosch)
No of charc	gings per battery	2000	2000	2000	2000
Battery cha	rging time,				
approx. mir	۱.	15–30*	15–30*	20-45*	60
Plastic st	rap				
Strap width	ı adjustable				
- Polyprop	ylene (PP)	16-19 mm (5/8-3/4")	12-16 mm ( <sup>7</sup> / <sub>15</sub> - <sup>5</sup> / <sub>8</sub> ")	9/11–13 mm ( <sup>3</sup> /8; <sup>7</sup> /16– <sup>1</sup> /2")	9-19 mm (3/8-3/4'
<ul> <li>Polyester</li> </ul>	r (PET)	16-19 mm (5/8-3/4")	12-16 mm ( <sup>7</sup> / <sub>15</sub> - <sup>5</sup> / <sub>8</sub> ")	9/11–13 mm ( <sup>3</sup> /8; <sup>7</sup> /16– <sup>1</sup> /2")	9-19 mm (3/8-3/4'
<ul><li>Option</li></ul>			9-11 mm ( <sup>3</sup> / <sub>8</sub> - <sup>7</sup> / <sub>16</sub> ")		
Strap thickr	ness	0.8-1.3 mm	0.5-1.0 mm	0.35-0.85 mm	0.5-1.0 mm
		(.031051")	(.020040")	(.010030")	(.019040")
Options					
<ul><li>Suspensi</li></ul>	ion bow	•	•	•	•
<ul><li>Protection</li></ul>	on plate	•	•	•	
<ul> <li>Protection</li> </ul>	•				
for touch	npanel	•	•	•	
– Power su	•	•	•		
	115 V	•	•		





**Suspension bow** for static locations



**Protection plate** for harsh use in industrial environment



Protection cover for touchpanel for harsh use in industrial environment



**Power supply** instead of battery, for static locations



\* After 15 minutes, approx. 75% charge capacity



## Tensioners / sealers

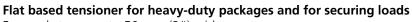
# Economical Sealing with metal seals

## Versatile flat based tensioner

For polypropylene, polyester and cord straps

Model	Strap	Strap with	Strap thickness	Weight
	type	mm (inch)	(cord), mm (inch)	kg (lbs)
ORS 1100.19	PP, PET	10-19 (2/5-3/4)		1.2 (2.65)
ORS 1300.19	PP, Cord	10-19 (2/5-3/4)	0.4-1.2 (.016047)	1.2 (2.65)
ORS 1400.19*	PP, Cord	10-19 (2/5-3/4)	0.4-1.2 (.016047)	1.2 (2.65)
ORS 1400.25*	Cord	10-25 (2/5-1)	0.8-1.2 (.031047)	1.3 (2.87)

<sup>\*</sup> With cut-away base plate



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

Model	Strap	Strap with	Strap thickness	Weight
	type	mm (inch)	mm (inch)	kg (lbs)
ORS 1300.40	Cord	Up to 40 (1 <sup>5</sup> / <sub>8</sub> )	0.6-1.5 (.023060)	2.5 (5.50)
ORS 1300.50*	Cord	Up to 50 (2)	0.6-1.5 (.023060)	2.6 (5.50)

<sup>\*</sup> Also available without built-in strap cutter



High efficiency flat joint, with serrated seals

Model	Length of handle	Strap width	Strap thickness	Seal type
	mm (inch)	mm (inch)	mm (inch)	
ORZ 3200.13	465 (18.3)	13 (1/2)	0.4-0.7 (.016028)	ORP 2100.13
ORZ 3200.16	465 (18.3)	16 ( <sup>5</sup> /8)	0.4-0.7 (.016028)	ORP 2300.16
ORZ 3210.16	465 (18.3)	16 ( <sup>5</sup> / <sub>8</sub> )	0.7-1.0 (.028040)	ORP 2300.16

## Sealers for polypropylene straps

High efficiency corrugated joint, plain type seal

	Length of handles	Strap width mm (inch)	Strap thickness	Seal type
	mm (inch)		mm (inch)	
ORZ 3300.10/13	350	10/13	0.4-0.6	ORP 2600.13
	(13.8)	( <sup>3</sup> /8, <sup>1</sup> / <sub>2</sub> )	(.015021)	
ORZ 3400.16	465	16	0.4-0.6	-
	(18.3)	(5/8)	(.016021)	
ORZ 3410.13/16/19	465	13/16/19	0.7–1.0	ORP 2600.13
	(18.3)	( <sup>1</sup> / <sub>2</sub> , <sup>5</sup> / <sub>8</sub> , <sup>3</sup> / <sub>4</sub> )	(.028040)	

## Single-lever combination tool

Model	Strap type	Strap width	Strap thickness	Weight	Seal
		mm (inch)	mm (inch)	kg (lbs)	
OR 4000.13	PP, PET	13 mm ( <sup>1</sup> / <sub>2</sub> )	0.4–0.7 (.016–.028)	2.3 (5.1)	ORP 2100.13
OR 4000.16	PP, PET	16 mm ( <sup>5</sup> / <sub>8</sub> )	0.5-1.0 (.020040)	3.4 (7.5)	ORP 2300.16











## Also available

## Coil holders for plastic strap Hand tools for steel strapping, automatic installations

## Seals for plastic strapping

#### Seals ORP 2100/2300

With serrated inner surface, for polyester and polypropylene straps



## Seals 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		
	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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