

# JOINT PREPARATION



### TUBE SAWS

A precise 90° saw cut is a basic requirement for orbital weld preparation..

### TUBE SAWS S-LT

- Robust saws for all wall thicknesses
- Powerful drive motor
- Uniform and easy feed control by means of handwheel
- Different chamfering blades mountable
- Right-angled saw cut
- 4, 5 or 6 clamping jaws made of stainless steel as well as reducing jaws
- 4 insert collets (just for S-100 LT)
- Due to concentric clamping no deformation with thin-walled pipes
- Also for cutting off pipe bends
- Quick-release fastener for easy changing of saw blades
- Chip removal during cutting by means of integrated brush
- Convenient adjustment of plunge depth by means of feed wheel



Technical data	S-100LT	S-150LT	S-200LT
<b>Tube size range mm/ inch:</b>	OD 6 - 120 mm / 0,236 - 4,724"	OD 20 -170 mm / 0.787 -6.693"	OD 60 -220 mm / 2.362 -8.661"
<b>Wall thickness:</b>	1 -8mm 0,039 - 0,315"	1 -8mm 0,039 - 0,315"	1 -8mm 0,039 - 0,315"
<b>Electric drive:</b>	Single-phase AC motor	Single-phase AC motor	Single-phase AC motor
<b>Main voltage:</b>	200/220 VAC (50/60 Hz)	200/220 VAC (50/60 Hz)	200/220 VAG (50/60 Hz)
<b>Output:</b>	1000 W / 4.5 A	1000 W / 4.5 A	1000 W / 4.5 A
<b>Protection class:</b>	II	II	II
<b>Speed control:</b>	6-step control	6-step control	6-step control
<b>Dimensions:</b>	143 x 366 383mm	143 x 466 x 483mm	145 x 525 x 542mm
<b>Weight :</b>	47kg	66kg	77kg
<b>Item number</b>	<b>1.2.4513</b>	<b>1.2.4512</b>	<b>1.2.4511</b>

### Package includes:

- Tube saw with electric drive
- Insert collets 6-13 mm (just for S-100 LT)
- One saw blade
- One bottle of saw blade lubricating oil

# TUBE SAWS

S-LT, ACCESSORIES



**TRIPOD BASE FOR TUBE SAW S-100LT (AND ORS)**

Item number

1.2.4510

Orbital  
welding systems



**MOBILE WORKSTATION S-LT WITH ADJUSTABLE TUBE SUPPORT**

1.2.4515

Welding  
tools

**SAW BLADE**

Standard saw blades are recommended for unalloyed and alloyed steels, premium saw blades for titanium, duplex and Inconel.

Welding  
accessories



**STANDARD SAW BLADE**

**STANDARD SAW BLADE** for wall thicknesses of 1 – 3 mm, Ø 68 mm, 72 teeth, uncoated

1.3.4520

**STANDARD SAW BLADE** for wall thicknesses of 2.5 – 7 mm, Ø 68 mm, 44 teeth, uncoated

1.3.4521

Joint  
preparation



**STANDARD SAW BLADE** for wall thicknesses of 0.5 – 3 mm, Ø 80 mm, 56 teeth, uncoated

1.3.4524

Purging  
accessories



**PREMIUM SAW BLADE**

**PREMIUM SAW BLADE** for wall thicknesses of 1 – 3 mm, Ø 68 mm, 72 teeth, coated

1.3.4522

**PREMIUM SAW BLADE** for wall thicknesses of 2.5 – 7 mm, Ø 68 mm, 44 teeth, coated

1.3.4523



**CHAMFERING SAW BLADES FOR S-LT TUBE SAW**

Chamfering saw blades for 30°, Ø 90 mm, 20 teeth

1.2.4543

Measuring  
devices



**SAW BLADE LUBRICATING OIL**, bottle, 250 ml

1.3.4525

Service/  
general