



LEFON
MACHINERY & ENGINEERING GROUP

ORBITAL PIPE SAWS

Orbital Pipe Saws



LEFON Orbital Pipe Saws are the cost effective and reliable solution to square cut and bevel almost all types of metal pipe. All R Series orbital pipe saws deliver a precise, square and clean cut, making it unnecessary to do any additional preparation work on the cut-off face for orbital welding.

ADVANTAGES:

- Precise right angle cut
- Cold cut to prevent thermal distortion
- Fast pipe clamping, deformation-free clamping system
- Easy set up regardless of the diameter
- Easy execution of the cut
- Just a few seconds to finish the cut with one single rotation around
- Simultaneous cutting and beveling with beveling blade mounted
- Cutting speed regulation suitable for each wall thickness pipe

Specification:

Model	Lite4	Lite6	R4	R6	R8	R12
Pipe OD	¼"-4"	2"-6"	½"-4"	3"-6"	6"-8"	8"-12"
	6-120 mm	6-120 mm	19-120 mm	85-182 mm	150-230 mm	215-325 mm
Wall thickness	0.02"-0.12"	0.02"-0.12"	0.04"-0.22"	0.08"-0.4"	0.08"-0.4"	0.08"-0.4"
	0.5-3 mm	0.5-3 mm	1-7 mm	2-10 mm	2-10 mm	2-10 mm
Motor	1000 w	1000 w	1600 w	1600w	1600w	1600w
Blade RPM	30-150	30-150	150-250	150-250	150-250	150-250
Voltage/ Frequency	110/220 V 50/60 Hz	110/220 V 50/60 Hz	110/220 V 50/60 Hz	110/220 V 50/60 Hz	110/220 V 50/60 Hz	110/220 V 50/60 Hz
Net Weight	25 kg	28 kg	75 kg	90 kg	110 kg	130 kg
	55 lb	57 lb	165 lb	198 lb	242 lb	286 lb
Application	<ul style="list-style-type: none"> • Thin-wall stainless-steel tubes • Stainless steel pips • Low and unalloyed steel • Casting materials, non-ferrous metal • Copper, aluminum and plastic pipes 					

OPERATION PROCEDURE:

Cutting is executed by manually rotating the machine housing 360 degrees around the pipe. With a circular, toothed blade driven by 1600 watt motor, the pipe is cut with one single rotation. It is driven by a powerful and sturdy electric motor equipped with six speed regulators.



PACKAGES:

Model	LxWxH (mm)	Net Weight (kg)	Gross Weight (kg)
R4	820 x 540 x 470mm	75	100
R6	920 x 870 x 570mm	90	117
R8	1050 x 590 x 670mm	105	133
R12	1050 x 590 x 790mm	126	155

One pipe cutting/beveling machine set will include the following items. Please inform the manufacturer or forwarder of any missing parts or transportation damage immediately.

1. One pipe cutting/beveling machine
2. One base plate
3. Three standard class blades
4. One ring spanner(SW22)
5. Two hexagon socket head wrenches
6. One tube of LEFON saw blade lubricant
7. One operation manual
8. One spare parts list



Fast, accurate cuts every time



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We offer a quality product and are CE Certified.

