





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, square cut to 0.005"
- Cold cut to prevent thermal distortion
- Fast pipe clamping, deformation-free clamping system
- Easy setup regardless of the diameter
- Easy execution of the cut
- Just a few seconds to finish the cut with one single rotation around the pipe
- Simultaneous cutting and beveling with beveling blade mounted in addition to cutting blade
- Cutting speed regulation suitable for each wall thickness pipe

### **SPECIFICATIONS:**

Model	Lite4	Lite6	R4	R6	R8	R12
Pipe OD	1/4-4"	2"-6 1/2"	<sup>1</sup> / <sub>2</sub> - 4 "	3"-6"	6"-8"	8"- 12"
	6–120mm	50mm- 170mm	19–120mm	150–230mm	215–325mm	85–182mm
Wall Thickness	0.02"-0.12"	0.02"-0.12"	0.08"-0.4"	0.08"-0.4"	0.08"-0.4"	0.04"-0.22"
	0.5–3mm	0.5–3mm	1–7mm	2–10mm	2–10mm	2–10mm
Motor	1000w	1000w	1600w	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	22 kg	24kg	75 kg	90 kg	110 kg	130 kg
	49 lb	53lb	165 lb	198 lb	242 lb	286 lb
Applications	Thin-wall stainless-steel tubes Casting materials, non-ferrous metal Stainless steel pipes Low and unalloyed steel					
Images	Portable	Portable				



#### **PART FEATURES:**



Speed regulator



Blade and cover



Machine front view



Machine back view



Machine side view



Rotating joint

# **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.



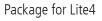




Model	LxWxH (inches)	Net Weight (lbs)	Ship Weight (lbs)	
R4	33.28 x 21.25 x 18.5	165	220	
Lite4	24.44 x 12.60 x 15.35	49	69	
R6	36.22 x 34.25 x 22.44	198	258	
Lite6	23.62 x 13 x 16.14	53	75	
R8	41.33 x 23.23 x 26.38	231	292	
R12	41.33 x 23.23 x 31.1	271	341	

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







# Package for R4



Fast, accurate cuts every time



We offer a quality product and are CE Certified.



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	SGS Taiwan Ltd EC Laboratory	SGS
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	Talwan, R.O.C. Tel: +895-3-2295-3279	
0 8	Fax: +806-2-2209-8489	
		Certificate No: EZ/2006/B0028C
	VERIFIC	ATION OF MD & LVD COMPLIANCE
	SGS-TW Reference I	P EZ2006/B0028C
	Model No	: R2, R4, R5, R8, R12
	Product Name	
	Appleant	: Tube & Pipe Cutting and Beveling Machine
		Lefon Mechanical Epulpment Co., Shanghai Ltd
	Address of Applicant	15988,Huhang Rd, Shanghai Fenggu Industrial Park, Shanghai 201401,China
	SGS approved laborati	vy: sos Taiwan
	TCF Number(s)	: LEFON-2005-A1
	Date of Issue	: November 24, 2005
	Applicable Standarzs	EN ISO 12105-1 2003 ; EN ISO 12105-2 2003 ; EN 60206-1 1997 ;
		prEN 13808 (200)
	Conclusion Based upon a review o to meet the requirement	f the worksheets and the Technical Construction File, the apparatus is deemed its of the above standards and hence fulfits the requirements of
	Machinery Directive 98 Low Voltage Directive 1	ATEC 1923EEC as amended by \$3#AECo
	Note: This certificate is the test data deta	only valid for the equipment and configuration described, and in conjunction with
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