

# US1 ORBITAL TUBE CUTTING SAW

US1

Ø 12.7 - 168 mm (0.5" - 6.6")

≈ 22 kg  
≈ 48 lbs

## DESCRIPTION:

The ULTIMATE SPLIT 1 has been engineered to fit tube cutting applications in a fabrication workshop or at the job site. This wireless machine can also be bench mounted onto the ULTIMASTER Bench Unit System (B.U.S) along with a 110V or 220V battery adaptor. Our engineering office paid specific attention to the design of the equipment in order to achieve a unique orbital cutting machine using a saw blade. The U.S 1 is fully portable. It features a cordless drive, a split frame housing and, therefore, it can be directly mounted onto a tube.



Beveling	Cutting	Facing	Counterboring	Surfacing
✗	✓	✗	✗	✗

## TECHNICAL FEATURES:

Machine	US1
Machining Capacity	12.7 mm - 168 mm OD
	0.5" - 6.6" OD
Clamping capacity	12.7 mm - 168 mm OD
	0.5" - 6.6" OD
Clamping	Manual with key
Feed stroke	30 mm
RPM Engine	0 to 1700 rp/min
Pneumatic drive	736 W, 6 bar (87 psi), 1400 l/min (49 cfm)
Electric drive	700 W

OD MOUNTED MACHINE



ORDER NR.	DESCRIPTION
US1-1000	Orbital Cutting Saw US1 for Ø 0.5"-6.625" (12.7mm-168.3mm) with pneumatic drive.
US1-1020	Orbital Cutting Saw US1 for Ø 0.5"-6.625" (12.7mm-168.3mm) with electric drive 220V.
US1-1022	Orbital Cutting Saw US1 for Ø 0.5"-6.625" (12.7mm-168.3mm) with cordless electric drive 220V
US1-1040	Orbital Cutting Saw US1 for Ø 0.5"-6.625" (12.7mm-168.3mm) with electric drive 110V.
US1-1044	Orbital Cutting Saw US1 for Ø 0.5"-6.625" (12.7mm-168.3mm) with cordless electric drive 110V.

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The ULTIMATE SPLIT orbital tube cutter features many advantages:

- A perfectly perpendicular cut
- Auto centering on the tube
- Quick clamping
- Compact design
- Burr free
- No vibration during the cutting process
- Reliable
- Durable
- No heat-affected zones
- Perfect preparation for orbital welding
- Lightweight, easy-to-use, versatile
- Powerful cordless drive

ULTIMASTER orbital pipe cutting units are the ideal solution for your on-site jobs. These machines are also perfectly suited for prefabrication workplaces and they can be used under severe conditions (extreme temperatures, high humidity, ionizing radiations)

