

US1 ORBITAL TUBE CUTTING SAW

US1

Ø 12.7 - 168 mm (0.5" - 6.6")



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
X	✓	X	X	X

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.

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)



US6 ORBITAL TUBE CUTTING SAW

US6

Ø 12.7 - 168 mm (0.5" - 6.6")



DESCRIPTION:

The Ultimate Split 6 orbital cutting machine is used for cutting tubes made of virtually all materials having diameters ranging from 1/2" (12.7 mm) to 6.6" (168 mm) and wallthicknesses ranging from 0.04" (1 mm) to 0.59" (15 mm).

It enables the cutting of pipes without any deformation thanks to its concentric clamping system. The cut is absolutely perpendicular and burr-free. The adjustment to the different diameters is very simple and fast. The Ultimate Split 6 is the orbital cutting saw you need for all your welding preparation works on-site or in the workshop.

Various motorization options are available: Electric or pneumatic.



Beveling	Cutting	Facing	Counterboring	Surfacing
✗	✓	✗	✗	✗

TECHNICAL FEATURES:



Machine	US6
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	115 to 322 rp/min, Speed converter
Pneumatic drive	736 W, 6 bar (87 psi), 1400 l/min (49 cfm)
Electric drive	1300 W

ORDER NR.	DESCRIPTION
US6-1000	Orbital Cutting Saw US6 for Ø 0.5" - 6.625" (12.7mm - 168.3mm) with pneumatic drive.
US6-1020	Orbital Cutting Saw US6 for Ø 0.5" - 6.625" (12.7mm - 168.3mm) with electric drive 230V.
US6-1022	Orbital Cutting Saw US6 for Ø 0.5" - 6.625" (12.7mm - 168.3mm) with cordless electric drive 230V
US6-1040	Orbital Cutting Saw US6 for Ø 0.5" - 6.625" (12.7mm - 168.3mm) with electric drive 110V.
US6-1042	Orbital Cutting Saw US6 for Ø 0.5" - 6.625" (12.7mm - 168.3mm) with cordless electric drive 110V.

The orbital cutting process used for the US6 provides a lot of advantages:

- Perpendicular cut
- Automatic centering onto the pipe
- Perfect concentric clamping
- Burr-free cut
- No Vibration
- No heat-affected zone
- Excellent preparation for mechanised welding processes
- Rigidity, ergonomic design, flexibility, reliability
- Suitable for all types of steel: mild steel, stainless steel, duplex, super duplex, inconel, hastelloy, aluminium, copper, titanium

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)

OD MOUNTED MACHINE

