

ORBITAL TUBE SAWS

OTS Serie



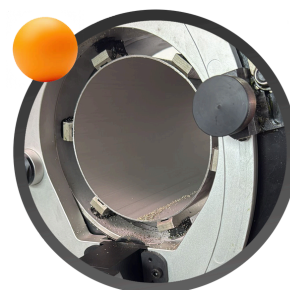
OTS-3-4-6-8-12 Pipe Cutting Machines

Compact and lightweight machines for pipes ranging from Ø 6 to 330 mm (0.236" - 12").

- Fast, burr-free, and precise cutting within 0.25 mm (0.009") tolerance.
- Ergonomic handwheel extends the lifespan of saw blades.
- Powerful, detachable motor with adjustable speed control.

Concentric Clamping System

The multi-point stainless steel (rvs/inox) clamping jaws move concentrically toward the center, preventing pipe deformation. The unique positioning minimizes the risk of scratches during insertion and feeding, while also simplifying cleaning.



Ergonomic Operation and Detachable Motor

The handwheel allows for easy and consistent control of the feed rate, significantly extending the lifespan of the saw blades. The detachable saw motor with a metal gear housing fits all models and is, of course, equipped with an anti-twist cable.



SB Saw Blades with Extended Lifespan

SB saw blades are available in various diameters and tooth configurations to suit every wall thickness. The saw blade can be mounted in two positions, allowing pipes with bends to be cut as well.





MADE IN GERMANY

Specifications

Article code	OTS-3	OTS-4	OTS-6	OTS-8	OTS-12
Cutting range (mm)	OTS-3 6-80 mm	OTS-4 12-120 mm	OTS-6 16-171 mm	OTS-8 55-228 mm	OTS-12 140-330 mm
Cutting range (inch)	0.236"-3.149"	0.472"-4.724"	0.63"-6.73"	2.165"-8.976"	5.512"-12.992"
Wall thickness	≤ 5 mm	≤ 5 mm 4	≤ 5 mm 4	≤ 5 mm 6	≤ 5 mm 6
Stainless steel clamping jaws	4				
Saw motor (included)	OTSM-1220	OTSM-1220	OTSM-1220	OTSM-1220	OTSM-1220
Power (W)	1300W	1300W	1300W	1300W	1300W
Input voltage	230V/50Hz/1ph	230V/50Hz/1ph	230V/50Hz/1ph	230V/50Hz/1ph	230V/50Hz/1ph
Speed range(rpm)	90-270 rpm	90-270 rpm	90-270 rpm	90-270 rpm	90-270 rpm
Machine weight (kg/lbs)	31/68	40/88	55/121	60/132	81/178
Transport crate dimensions (cm)	64 x 49 x 58	64 x 49 x 58	69 x 54 x 63	75 x 60 x 69	5 x 70 x 78
Total weight(kg)	63	63	70	78	105

The OTS orbital pipe cutting machines are delivered in a wooden crate with a bottom fixation for transport and storage. The standard OTSM-1220 (1300W) saw motor with variable speed control comes in a separate plastic case, which fits inside the crate with the machine. A set of keys and an English manual are included.



OTSM-1220
1300W
standard

OTSM-2220
1500W
optional



OTS Saw Blades (packaged per 10 pieces)

Article No. Description

SB6872	Saw blade Ø68mm WD1-3mm Z=72
SB6844	Saw blade Ø68mm WD2-7mm Z=44
SB8080	Saw blade Ø80mm WD1-3mm Z=80
SB8054	Saw blade Ø80mm WD2-7mm Z=54



SB6872



SB6844



SB8054



SB8080

OTS Accessories

Article No. Description

OTST	OTST tripod for OTSM saws
OTSM-2220	OTSM saw motor 1500W, WD<8mm, 95-230rpm
OTSB-1	OTSB roller conveyor 1.5m with machine lift
OTSB-2	OTSB roller conveyor 1.5m extension



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