

ORBITAL TUBE SAWS

OTS220V Serie



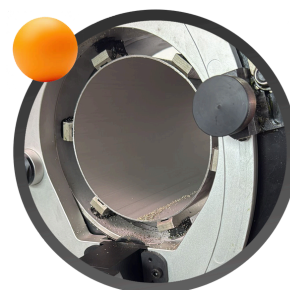
OTS-3-4-6-8-12 Pipe Cutting Machines

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 no. (without motor)
Cutting range (mm)
Cutting range (inch)
Wall thickness
Stainless steel clamping jaws

OTS-3

OTS-3100
6-80 mm
0.236"-3.149"
≤ 5 mm
4

OTS-4

OTS-4100
12-120 mm
0.472"-4.724"
≤ 5 mm
4

OTS-6

OTS-6100
16-171 mm
0.63"-6.73"
≤ 5 mm
4

OTS-8

OTS-8100
55-228 mm
2.165"-8.976"
≤ 5 mm
6

OTS-12

OTS-12100
140-330 mm
5.512"-12.992"
≤ 5 mm
6

Saw motors (optional)

- 230V / 1300W
- 230V / 1500W
- 110V / 1500W

OTSM-1230
OTSM-2230
OTSM-2110

OTSM-1230
OTSM-2230
OTSM-2110

OTSM-1230
OTSM-2230
OTSM-2110

OTSM-1230
OTSM-2230
OTSM-2110

OTSM-1230
OTSM-2230
OTSM-2110

Input voltage

110V or 230V / 50Hz - 60Hz / 1ph (depending on the version)

Speed range(rpm)

90-270 rpm

90-270 rpm

90-270 rpm

90-270 rpm

90-270 rpm

Machine weight (kg / lb)

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

85 x 70 x 78

Total weight(kg / lb)

63 / 138.9

63 / 138.9

70 / 154.3

78 / 172.0

105 / 231.5



OTSM-1230
1300W



OTSM-2230
OTSM-2110
1500W



The OTS orbital pipe cutting machines are delivered in a wooden crate with a bottom fixation for transport and storage. The optional 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.

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	Tripod for OTS saws
OTSB-1	Lifting table with mechanical height adjustment plate for tube saw from OTS3 to OTS12
OTSB-2	1.1m extension bench



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