
OSE-ORBITAL PIPE CUTTING MACHINE

Aotai

FEATURES

This machine is effective, ideal and reliable solution to precisely square cut and bevel for all types of metal pipes/tubes. All saw-blades pipe cutters with precise, square and clean cut, which save any additional preparation work on the cut-off face for orbital welding. Its automatic deformation-free clamping system avoids pipe deformation. The cut/beveled pipe is free from burr and deformation because of high quality saw blades. It is the best choice for direct S.S pipe welding on catering, pharmacy, Semiconductor Optoelectronics, Biology, chemical industry, oil & gas, Water Treatment, shipbuilding, Electric Power Industry, etc. It also can be efficient, precision cut and bevel at the same time.

PATENT NO:

ZL200820503416.X

PERFORMANCE

Swiftly change blade.

Just a few seconds to finish the cut with one single rotation around the pipe.

Compact design; small space.

Cold cutting process will not influence the quality of the material of the pipes.

Free-deformation clamp mechanism, swift clamp pipe
Beveling blade for pipe cutting and beveling simultaneously.

Can process material: carbon steel, alloy steel, stainless steel, non-ferrous meta.

Engineering plastic and cast steel.

Electric and Pneumatic motor to drive, wide use range.



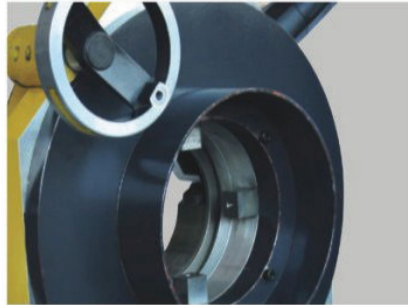
OSE-170

CE

TECHNICAL PARAMETER:

Model	Nominal diameter	Wall thickness	Rotating rate	Clamp quantity	Power
OSE-120	5-121mm [0.2 - 4.8"]	0.5-15mm [0.02 - 0.6"]	150-250	4	220V;50Hz
OSE-170	16-170mm [0.63 - 6.7"]	0.8-15mm [0.02 - 0.6"]	150-250	4	220V;50Hz
OSE-220	59-225mm [2.3 - 8.6"]	1-15mm [0.04 - 0.6"]	150-250	6	220V;50Hz
OSE-320	140-330mm [5.5 - 13"]	1-15mm [0.04 - 0.6"]	150-250	6	220V;50Hz
OSE-420	215-420mm [8.5 - 16.5"]	1.5-15mm [0.06 - 0.6"]	150-250	6	220V;50Hz
OSE-520	315-520mm [12.4 - 20.5"]	1.5-15mm [0.06 - 0.6"]	150-250	6	220V;50Hz
OSE-620	346-630mm [13.6 - 24.8"]	2-15mm [0.08 - 0.6"]	150-250	6	220V;50Hz
OSE-720	486-782mm [19 - 30.8"]	1.5-15mm [0.06 - 0.6"]	150-250	6	220V;50Hz

DRIVE



MOTOR



Bevel saw blade



Cut-off saw blade (HSS)



Cut-off saw blade (HSS-Ti)