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NEW

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PIPE ORBITAL SAWING MACHINE TYPE WPS-12-24

**Automatic Pipe Sawing machine
DIAMETERS 12" - 24"
(external diameters 320 - 620 mm)**



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The **WPS-12-24 - pipe sawing machine** has been developed to easily and quickly set a pipe to the correct length, clamp it and cut the pipe using a carbide saw blade. Through the control, a pneumatic/hydraulic pressure cylinder ensures that the saw blade saws through the pipe and the rotating movement is controlled by a separate servo motor. Started and the pipe is cut to size, SQUARE and FAST.

The motor is designed for sawing pipes with a wall thickness of approx. 4 mm. and then up to approx. 20-25 mm. So very easy and universally applicable.

Because the saw blade is also driven by a servo motor, the speed can be adjusted from high to low and therefore both STEEL and STAINLESS STEEL can be used.

saw pipes. The advantage of the servo motor is that it operates both at a low speed and at a high speed, each giving a high, constant torque.

Some technical data are:

Pipe diameter	12" - 24" pipe
Pipe diameter	320 - 620 mm. Outside diameter
Working pressure cylinder	7 bar
Air volume use	150 ltr./min
Power main servomotor	2 kW
Highest speed	ca. 2.000 1/min
Lowest speed	ca. 1.100 1/min
Max. wallthickness	t/m ca. 25 mm
Ø saw blade	160 - 180 mm
Weight - appr.	450 Kgs.
Dimensions	100 x 130 x 190 cms.

The control panel contains a double button start to allow the saw blade to pass through the pipe coming from the top position of the saw blade. Furthermore, the speed of the saw blade can be regulated as well as the speed of the rotating movement.

The saw can also be raised and lowered by hand set with a push button. This, among other things, together with the knobs to start the machine to the correct pipe diameter and height.

