

TPP 5090 POLISHING MACHINE ®

for conditioning tube and pipe ends and plate edges



- fast polishing of welding preparations • safe in use
- compact build • easily adjustable

The TPP air driven polishing machine is the solution of Th. Wortelboer BV for conditioning welding preparations quickly and easy. Tubes, pipes as well as plate edges can be prepared for welding quickly and safely.

The two polishing wheels of the TPP 5090 can easily be adjusted according to the thickness of the material. The inevitable wear of the wheels, which decreases the wheel diameter, can simply be corrected.

The new innovative TPP 5090 conditioning machine is a registered design.



for

- boiler and heat exchanger manufacturing • offshore constructions
- tube and pipe fabrication • process constructions
- shipbuilding • petrochemical and nuclear • pipeline construction



technical specifications TPP series



Model	TPP 5090 S	TPP 5090 D	TPP 5090 AUTO
Type	with straight handle	with D handle	with drive unit
Air consumption	0.46 m ³ /min - 16 CFM	0.46 m ³ /min - 16 CFM	0.58 m ³ /min - 20 CFM
Drive	manual feed	manual feed	motorized rotation
Polishing	INSIDE AND OUTSIDE	INSIDE AND OUTSIDE	OUTSIDE ONLY (see photo)
Pipe size	I.D. Ø 60 mm and up	I.D. Ø 60 mm and up	I.D. Ø 10 mm till Ø 90 mm
Plug Diameter	NA	NA	Ø 10 mm till Ø 90 mm
Polishing reach	25 - 30 mm		
Available grids	flap wheels (grid 40 and 80) and (black) strip wheels		
Speed / Working pressure / Weight	18.000 rpm / 6 Bar - 90 Psi / 3.5 Kg - 7.7 Lbs		

The TPP cleans the inside and outside of a tube, pipe or plate edges in order to reduce rust, paint and coatings inhibiting the weld to a minimum.

The TPP AUTO is used with a plug that goes into the pipe (I.D. Ø 10 till Ø 90 mm). Both flap wheels move around the outside of the pipe (see photo on the right).

The distance between the wheels can easily be adjusted, without the help of tools. In this way the polishing pressure can be adjusted to the material thickness.

The polishing pressure can also be influenced by slightly tilting the machine in the grinding direction.



The replaceable flap wheels are available in diameters 30 and 50 mm. The (black) strip wheels are available 50 mm only. The polishing width is 30 mm for the flap wheels and 25 mm for the (black) strip wheels.

The gritsized of the flap wheels are 40 and 80. The standard flap wheels are of aluminium oxide construction. Zirconium wheels can be supplied for special applications.



The TPP 5090 polishing machine is supplied in a heavy duty case with all the necessary tools and storage for flap wheels. The content can be adjusted if desired.

Inquire about the possibilities of the TPP polishing machine and ask for a demonstration without obligations.

