

Portable Tube Saws PS 4.5 PS 6.6

Tube cutting
made easy!

New features:

- Cutting of stainless steel tubes with a OD < 120 mm / 4.7" (PS 4.5) or a OD of < 170 mm / 6.7" (PS 6.6)
- Deformation-free clamping of thin-walled tubes
- Easy transportation: with a machine weight of only 19 kg (42 lbs) or 22 kg (48.5 lbs) ideal for on site applications

+GF+



Portable Tube Saws PS 4.5 and PS 6.6



Georg Fischer innovative clamping system for ease of use.

Cutting tubes using the superior method of „planetary cutting“ which was developed and patented by Georg Fischer.

Your benefits:

- No rework necessary because of a burr-free and square cut
- Cold cutting prevents corrosion
- Orbital cutting process saves time

Additional benefits:

- Cutting of tubes and elbows
- Large tube diameters are cut by a small saw blade
- Multipoint clamping system of tubes
- Fast adjustment of tube dimensions
- Improved cutting quality
- Long saw blade service life

Suitable accessories for the PS saws:



Tripod made of stainless steel. Space saving, fast application, easy handling. **Code 790 048 335**



Quick mounting plate with screw clamps. Easy and fast assembly on the work bench. **Code 790 048 334**



Long tool service life with **High-Performance Lubricants** from Georg Fischer. **GF TOP Code 790 060 228**
ROCOL Code 790 041 016



Saw Blades for optimal cutting results and long tool service life.

Technical data	PS 4.5	PS 6.6
Dimensions (l x b x h)	480 x 230 x 600 mm 20.9 x 9.1 x 23.6 inches	480 x 230 x 660 mm 20.9 x 9.1 x 26 inches
Weight	approx. 19 kg / 41.9 lbs	approx. 22 kg / 48.5 lbs
Power	1010 W	1010 W
Protection class	Totally insulated in accordance with class II, DIN VDE 0740	Totally insulated in accordance with class II, DIN VDE 0740
Speed	30 – 160 rpm (U/min)	30 – 160 rpm (U/min)
Versions	230 V, 50/60 Hz Code 790 048 001 110 V, 50/60 Hz Code 790 048 002 120 V, 50/60 Hz Code 790 048 003	230 V, 50/60 Hz Code 790 049 001 110 V, 50/60 Hz Code 790 049 002 120 V, 50/60 Hz Code 790 049 003
Vibration level (EN 28662, part 1)	< 2.5 m/s ²	< 2.5 m/s ²
Sound pressure level at workplace	approx. 75 dB (A)	approx. 75 dB (A)

Scope of applications	PS 4.5		PS 6.6	
Materials	Tube OD	Wall thickness	Tube OD	Wall thickness
Tube	6 – 120 mm 0.236" – 4.724"	< 4 mm < 0.157"	50* – 170 mm 1.969"* – 6.693"	< 4 mm < 0.157"
Elbow	30 – 120 mm 1.181" – 4.724"	< 4 mm < 0.157"	50* – 170 mm 1.969"* – 6.693"	< 4 mm < 0.157"
Tube materials	Stainless steel, high-alloy steel (stainless steel, material no. 1.40... – 1.45... in accordance with DIN 17455 and 17456), unalloyed and low-alloy steel, high-temperature steels, aluminum, copper, CuNi-materials. Others on request.			

* It is possible to cut tubes with a outer diameter < 50 mm (1.969 inch) by using additional clamping jaws (accessory, Code 790 048 380). These clamping jaws are delivered as a standard with the PS 4.5.

The technical data are not binding. They are not warranted characteristics and are subject to change. Please consult our general conditions of supply.

USA Georg Fischer Inc., 2882 Dow Avenue, Tustin, CA 92780-7258, Tel.+1(714)731-88 00, Toll Free 800/854 40 90, Fax +1(714)731 62 01, us.ps@georgfischer.com, www.us.piping.georgfischer.com

Export Georg Fischer Rohrverbindungstechnik GmbH, Freibühlstrasse 18/19, 78224 Singen (Htwl.), Germany, Phone +49 (0) 77 31 / 792 787 up to 789, Fax +49 (0) 77 31 / 792 524, rvt.ps@georgfischer.com, www.rvt.georgfischer.com