

RPG 1.5 RPG 1.5 Cordless

Tube Squaring Machines

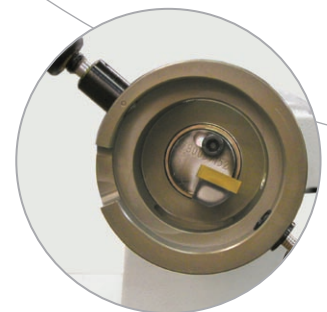
Designed for burr-free squaring and beveling of thin-walled stainless steel tubes and micro fittings up to OD 38.1 mm (1.5 inch). For the required, high quality tube end preparation for orbital welding.

Advantages:

- Burr-free and square
- Beveling (30°/35°) possible with a special holder
- Patented quick change system (QTC®) for tools, clamping shells and tubes
- High-performance coated tool bit with two cutting edges
- Exact results due to micrometer feed
- Speed regulated electric motor
- No tools needed to change the clamping shell
- A portable and light machine for mobile and secure operations
- RPG 1.5: machine with security frame and mounting plate (dismountable)
- RPG 1.5 Cordless: angled machine with carrying handle and drive with rechargeable battery (turnable/dismountable)

Your benefits:

- Considerable cost-effectiveness thanks to low initial and production costs
- Portable, easy to handle and safety use
- Clean room compatible



❖ Quick Tool Change
QTC®



Includes tool holder WH and multifunctional tool MFW, a two-sided tool bit with high-performance Balinit® Futura protective coating against tool wear. The MFW can be used for all machines of the RPG series.

NEW: tool holder (optional) for beveling.

The one-piece stainless steel clamping shells are extremely durable. Ensures accurate centring and quick clamping shell change without any tools.

Including durable storage and shipping case for secure transportation. Sturdy design.

Tube Squaring Machines

Technical data / Working range	RPG 1.5	RPG 1.5 cordless right-angled drive
Dimensions (with drive)	400 x 350 x 160 mm 15.75 x 13.78 x 6.30"	230 x 380 x 75 mm 9" x 15" x 3"
Total weight (without clamping shells)	4.4 kg / 9.7 lbs	3.3 kg / 7.3 lbs
Power / Voltage of rechargeable accumulator	1010 W	12 V
Versions	230 V, 50/60 Hz: Code 790 037 001 110 V, 50/60 Hz: Code 790 037 003	220 - 240 V, 50/60 Hz: Code 790 037 011 120 V, 50/60 Hz: Code 790 037 013
Speed (max. idling speed)	145 - 235 rpm	1. speed: 0 - 350 rpm 2. speed: 0 - 1300 rpm
Noise level at the workplace according to EN 23741	Idle running approx. 82 dB (A)	Idle running approx. 82 dB (A)
Vibration level according to EN 28662, part 1	2.5 m/s ²	2.5 m/s ²
Tube OD min. - max.	3.0 - 38.1 mm 0.118" - 1.500"	3.0 - 38.1 mm 0.118" - 1.500"
Wall thickness max.	3.0 mm / 0.118"	3.0 mm / 0.118"
Tube materials	High-alloy steels, unalloyed and low-alloy steels and aluminum. Others on request.	

* Please check the outer diameter of the tubes before ordering the clamping shells. Non-standard sizes may require a special size (particularly for tubes in accordance with DIN 2430).

** Recommended application range with the RPG 1.5 and the standard tool holder: 3.0 - 12.7 mm (0.118 - 0.5 inch).

*** Only to be used with stainless steel clamping shells for micro fittings.

The technical data is non-binding. It does not include any assurance of properties. Subject to change. Our general terms and conditions apply.

Included with the machine

- 1 Tube Squaring Machine RPG 1.5 or RPG 1.5 Cordless
- 1 Durable storage and shipping case
- 2 Rechargeable batteries, 1 Battery charger (for Cordless versions only)
- 1 Tool holder (Code 790 037 152)
- 1 Multifunctional tool (Code 790 038 314)
- 1 Tool set
- 1 Set of operating instructions and spare parts list

Accessories

Application range

Dimensionally specific clamping shells* Please enquire	3 - 38,1 mm 0.118" - 1.500"
Standard tool holder WH12-I for squaring: Code 790 037 152**	3 - 38,1 mm 0.118" - 1.500"
Special tool holder WH12-I for squaring: Code 790 037 154	12,7 - 38,1 mm 0.50" - 1.500"
Special tool holder WH12-I for squaring of micro fittings: Code 790 037 156***	3,0 - 21,2 mm 0.118" - 0.835"
Tool holder WH3-V-30 for beveling (30°): Code 790 037 158	Wall thickness up to 3.0 mm/0.118"
Tool holder WH3-V-35 for beveling (35°): Code 790 037 159	OD max. RPG 1.5: 35.0 mm/1.378" OD max. RPG 2.5: 58.0 mm/2.283"

Please enquire about further tool holders for diverse beveling angles.

Multifunctional tool MFW-P-2
Code 790 038 314 Usable for all machines of the RPG series regardless of dimension.

Stamp of distributor:

Info-Hotline: +49 (0) 77 31 792-787 up to 789