

RPG 1.5

RPG 1.5 Cordless

Tube Squaring Machines

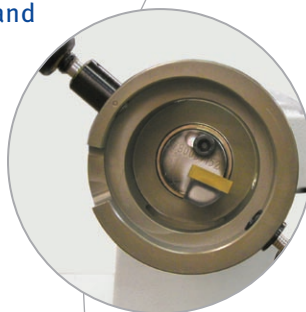
**Designed for burr-free squaring of thin-walled stainless steel tubes and micro fittings up to OD 38.1 mm (1.5 inch).
For the required, high quality tube end preparation for orbital welding.**

Advantages:

- Burr-free and square
- Quick clamping system for tools (QTC®), clamping shells and tubes
- High-performance coated tool bit with two cutting edges
- Micrometer feed for optimum results
- 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:

- Low initial costs
- Increased productivity
- Reduced manufacturing costs
- Mobile and secure operation
- Easy handling
- Clean-room suitable



❖ Quick Tool Change
QTC®



Including adjustable tool holder.
Optional tool holder for
machining micro fittings are
also available.

Including two-sided tool bit with
high-performance Balinit® Futura
protective coating against tool wear.
Usable for all machines of the
RPG series.

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 RPG

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 inch	230 x 380 x 75 mm / 9 x 15 x 3 inch
Total weight (without clamping shells)	4.4 kg	3.3 kg
Power / Voltage of rechargeable accumulator	1010 W	12 V
Versions	200 – 240 V, 50/60 Hz (Code 790 037 001) 100 – 120 V, 50/60 Hz (Code 790 037 003)	200 – 240 V, 50/60 Hz (Code 790 037 011) 100 – 120 V, 50/60 Hz (Code 790 037 013)
Speed (max. idling speed)	20 – 160 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 – 38.1 mm / 0.118 – 1.500 inch	3 – 38.1 mm / 0.118 – 1.500 inch
Wall thickness max.	3 mm / 0.118 inch	3 mm / 0.118 inch
Tube materials	High-alloy steels, unalloyed and low-alloy steels and aluminum. Others on request.	

Accessories for RPG 1.5 (Cordless)	for tubes (OD)	for micro fittings (OD)
One-piece stainless steel clamping shells (Code on request)	3 – 38.1 mm / 0.118 – 1.500 inch	3 – 21.2 mm / 0.118 – 0.835 inch
Standard tool holder WH12-I (Code 790 037 152)	3 – 38.1 mm / 0.118 – 1.500 inch*	–
Optional tool holder WH12-I (Code 790 037 154)	15 – 38.1 mm / 0.590 – 1.500 inch	–
Optional tool holder WH12-I (Code 790 037 156)	–	3 – 21.2 mm / 0.118 – 0.835 inch
Multifunctional tool MFW-P-2 (Code 790 038 314)	Usable for all machines of the RPG series.	

* best machining results with tube OD 15 mm (0.590 inch)

The technical data are not binding. They are not warranted and characteristics are subject to change. Please consult our General Conditions of Supply.

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