

RPG 4.5 & RPG 8.6

RENTAL
AVAILABILITY

Designed for burr-free squaring of thin-walled stainless steel tubes



LARGE DIAMETER TUBE SQUARING MACHINES

THE LARGE RPG SERIES TUBE SQUARING MACHINES HAVE PROVIDED THE HIGHEST QUALITY TUBE END SQUARING FOR THE SANITARY AND HIGH PURITY ORBITAL WELDING INDUSTRY FOR DECADES.

- Repeatable, high quality burr-free tube end squaring
 - Safety guards to maximize safe operation
 - Stainless steel clamping eliminates cross contamination
 - Wide range of collets for tube and fittings
 - No tools required for operation
 - Linear micrometer feed system for high tolerance length control ($\pm .004$ ")
 - Dual cutting edge tool bit yields the best "cost per cut" of the industry
- POWERFUL (120V - 230V) DRIVE MOTOR**
- Built in electronic VTC speed control gives maximum power at any speed setting
 - Restart protection for operation safety
 - Overload protection
 - Brush wear indication and shut off

RPG 4.5 & RPG 8.6 Tube Squaring

APPLICATION RANGE	RPG 4.5	RPG 8.6
Tube OD	0.5 - 4.5in (12.7 - 114.3mm)	2 - 8.6in (50.8 - 219.1mm)
Wall thickness max.	0.118in (3.0mm)	0.142in (3.6mm)
Tube materials	High-alloy steels, unalloyed and low-alloy steels and aluminum. Others on request.	
Machine Weight	23.1 lb (10.5 kg)	45.2 lb (20.5 kg)
Shipping Weight	42.8 lb (19.4 kg)	70.5 lb (32 kg)
230 V, 50/60 Hz EU	0T790.038.001	0T790.039.001
120 V, 50/60 Hz US	0T790.038.002	0T790.039.002
TECHNICAL DATA	RPG 4.5	RPG 8.6
Dimensions (including motor)	18.1 x 10.2 x 9.1in (460 x 260 x 230mm)	19.7 x 13.8 x 13.8in (500 x 350 x 350mm)
Power	1100 W	
Protection class	Class II	
Speed (max. idling speed)	8 - 52 min ⁻¹	7 - 18 min ⁻¹
Vibration level (EN 60745)	< 2.5 m/s ²	
Noise level at the workplace (EN 23741)	approx. 83 dB (A)	
SCOPE OF DELIVERY	<ul style="list-style-type: none"> • Tube squaring machine • Durable storage and shipping case • Tool holder WH (0T790.038.320) • Multifunctional tool MFW (0T790.038.314) • Tool set • Operating instructions and spare parts list 	

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

CLAMPING SHELLS

Extremely durable. The two-piece-design with click mechanism ensures accurate centering and quick clamping shell change without any tools. Other dimensions of clamping shells are available.

Please check the outer diameter of the tubes before ordering the clamping shells.

WORKS WITH	VERSION	TUBE OD	WEIGHT	CODE
RPG 4.5	Tube	0.5in (12.7mm)	4.8lb (2kg)	0T790.038.438
RPG 4.5	DN 10	0.512in (13mm)	4.8lb (2kg)	0T790.038.439
RPG 4.5	Tube (DN 15)	0.75in (19.05mm)	4.8lb (2kg)	0T790.038.446
RPG 4.5	Tube	0.875in (22.22mm)	4.8lb (2kg)	0T790.038.050
RPG 4.5	DN 20	0.905in (23mm)	4.8lb (2kg)	0T790.038.450
RPG 4.5	Tube	1.in (25.4mm)	4.8lb (2kg)	0T790.038.051
RPG 4.5	DN 25	1.142in (29mm)	4.7lb (2kg)	0T790.038.402
RPG 4.5	Tube	1.25in (31.75mm)	4.6lb (2kg)	0T790.038.052
RPG 4.5	1in Pipe	1.315in (33.4mm)	4.5lb (2kg)	0T790.038.405
RPG 4.5	DN 32	1.378in (35mm)	4.5lb (2kg)	0T790.038.408
RPG 4.5	Tube	1.5in (38.1mm)	4.4lb (2kg)	0T790.038.053
RPG 4.5	DN 40	1.614in (41mm)	4.4lb (2kg)	0T790.038.412
RPG 4.5	11/4in Pipe	1.66in (42.16mm)	4.3lb (2kg)	0T790.038.414
RPG 4.5	11/2in Pipe	1.9in (48.26mm)	4.2lb (2kg)	0T790.038.420
RPG 4.5	Tube	2.in (50.8mm)	4.2lb (2kg)	0T790.038.054
RPG 4.5	DN 50	2.087in (53mm)	4.0lb (2kg)	0T790.038.456
RPG 4.5	2in Pipe	2.375in (60.3mm)	3.8lb (2kg)	0T790.038.427
RPG 4.5	Tube	2.5in (63.5mm)	3.7lb (2kg)	0T790.038.055
RPG 4.5	DN 65	2.759in (70mm)	3.5lb (2kg)	0T790.038.430



RPG 4.5



RPG 8.6



Quick clamping system for tools, clamping shells and tubes



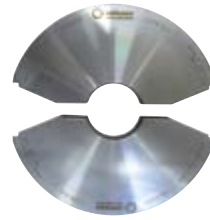
Including durable storage and shipping case



Widely specified in high purity applications

RPG 4.5 & RPG 8.6 Tube Squaring Accessories

WORKS WITH	VERSION	TUBE OD	WEIGHT	CODE
RPG 4.5	2 1/2in Pipe	2.875in (73.03mm)	3.31lb (1kg)	OT790.038.453
RPG 4.5	Tube	3.in (76.2mm)	3.11lb (1kg)	OT790.038.056
RPG 4.5	DN 80	3.346in (85mm)	2.81lb (1kg)	OT790.038.434
RPG 4.5	3in Pipe	3.5in (88.9mm)	2.51lb (1kg)	OT790.038.057
RPG 4.5	Tube	4.in (101.6mm)	1.81lb (816 g)	OT790.038.058
RPG 4.5	DN 100	4.094in (104mm)	1.71lb (771 g)	OT790.038.437
RPG 4.5	4in Pipe	4.5in (114.3mm)	15.31lb (7 g)	OT790.038.059
RPG 8.6	Tube	2.in (50.8mm)	9.92lb (4 g)	OT790.039.260
RPG 8.6	Tube	3.in (76.2mm)	9.26lb (4 g)	OT790.039.261
RPG 8.6	3in Pipe	3.5in (88.9mm)	8.82lb (4 g)	OT790.039.264
RPG 8.6	Tube	4.in (101.6mm)	8.38lb (4 g)	OT790.039.252
RPG 8.6	4in Pipe	4.5in (114.3mm)	7.72lb (4 g)	OT790.039.256
RPG 8.6	Tube	5.in (127mm)	7.54lb (3 g)	OT790.039.262
RPG 8.6	5in Pipe	5.563in (141.3mm)	6.39lb (3 g)	OT790.039.257
RPG 8.6	Tube	6.in (152.4mm)	5.95lb (3 g)	OT790.039.253
RPG 8.6	6in Pipe	6.625in (168.3mm)	5.07lb (2 g)	OT790.039.254
RPG 8.6	Tube	8.in (203.2mm)	3.01lb (1 g)	OT790.039.258
RPG 8.6	8in Pipe	8.625in (219.1mm)	1.31lb (590 g)	OT790.039.255



Stainless steel clamping shell for RPG 4.5



Aluminum clamping shells for RPG 8.6

Tool Holder WH

Fits multifunctional tool OT790.038.314.

Incl. Torx fixing screw.

Beveling with the RPG 4.5 S is not recommended.

APPLICATION RANGE TOOL HOLDER	APPLICATION	WEIGHT	CODE
WH12-I Standard tool holder	Squaring	0.9 oz (25 g)	OT790.038.320
WH12-V-30 Tool holder	30° Beveling	1.2 oz (34 g)	OT790.038.329
WH12-V-35 Tool holder	35° Beveling	1.9 oz (54 g)	OT790.038.282
WH12-V-45*** Tool holder	45° Beveling	1.6 oz (44 g)	OT790.038.280
WH12-U-20 Tool holder	20° Beveling	1.1 oz (31 g)	OT790.038.326



Tool holder WH

Multifunctional Tool MFW

Two-sided tool bit with protective coating against tool wear.

Usable for all machines of the RPG series.

MODEL	QTY.	WEIGHT	CODE
Multifunctional tool MFW-P-2	10	1.6 oz (45 g)	OT790.038.315



Multifunctional tool MFW