

Tube squaring machines

RPG 3.0 (battery), RPG 4.5, RPG 4.5 S, RPG 8.6

Properties, application area, technical specifications and delivery scope, see page 45.

Clamping collars have to be ordered separately.

ITEM	VERSION	CODE	MACHINE WEIGHT KG	SHIPPING WEIGHT KG
RPG 3.0	230 V, 50/60 Hz EU	790 031 001	7.800	16.300
RPG 3.0	110 V, 50/60 Hz EU	790 031 003	7.800	16.300
RPG 3.0	120 V, 50/60 Hz US	790 031 002	7.800	16.300
RPG 3.0 battery	(18 V), 230 V, 50/60 Hz EU	790 031 011	7.100	16.800
RPG 3.0 battery	(18 V), 115 V, 50/60 Hz US	790 031 012	7.100	16.800
RPG 4.5	230 V, 50/60 Hz EU	790 038 001	10.500	19.400
RPG 4.5	110 V, 50/60 Hz EU	790 038 003	10.500	19.400
RPG 4.5	120 V, 50/60 Hz US	790 038 002	10.500	19.400
RPG 4.5 S	230 V, 50/60 Hz EU	790 038 011	23.000	34.000
RPG 4.5 S	120 V, 50/60 Hz US	790 038 012	23.000	34.000
RPG 8.6	230 V, 50/60 Hz EU	790 039 001	20.500	32.000
RPG 8.6	110 V, 50/60 Hz EU	790 039 003	20.500	32.000
RPG 8.6	120 V, 50/60 Hz US	790 039 002	20.500	32.000



RPG 4.5



RPG 4.5 S



RPG 8.6

TUBE SQUARING TECHNOLOGY

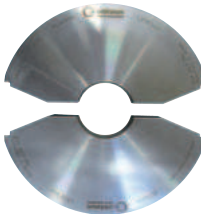
Clamping collars

Extremely resistant. The clamping collar with click mechanism guarantees precise clamping of pipes and rapid clamping collar change without tools. Further clamping collar dimensions are available.

Please check the outer diameter of the pipes before ordering the clamping collars.



Special-steel clamping collar for RPG 3.0 (battery)



Special-steel clamping collar for RPG 4.5



Aluminum clamping collar for RPG 8.6

Machine model:	Clamping lengths:
RPG 3.0	19.9 mm (0.783")
RPG 4.5	24.9 mm (0.980")
RPG 8.6	39.9 mm (1.571")

CAN BE USED WITH:		RPG 3.0 (BATTERY)		RPG 4.5		RPG 8.6	
PIPE OD		STAINLESS STEEL		STAINLESS STEEL		ALUMINUM	
[MM]	[INCH]	CODE	KG	CODE	KG	CODE	KG
6.35	0.25	790 031 239	-	-	-	-	-
10.00	0.394	790 031 243	1.300	-	-	-	-
12.00	0.472	790 031 244	1.300	790 038 454	2.170	-	-
12.70	0.500	790 031 232	1.245	790 038 438	2.177	-	-
13.00	0.512	-	-	790 038 439	2.176	-	-
13.50	0.531	-	-	790 038 440	2.175	-	-
14.00	0.551	-	-	790 038 441	2.174	-	-
16.00	0.630	-	-	790 038 442	2.168	-	-
17.20	0.677	-	-	790 038 443	2.164	-	-
18.00	0.709	-	-	790 038 444	2.161	-	-
19.00	0.748	-	-	790 038 445	2.150	-	-
19.05	0.750	790 031 233	1.225	790 038 446	2.157	-	-
20.00	0.787	-	-	790 038 447	2.153	-	-
21.30	0.839	790 031 245	1.200	790 038 448	2.100	-	-
22.00	0.866	-	-	790 038 449	2.144	-	-
22.22	0.875	-	-	790 038 050	2.195	-	-
23.00	0.906	-	-	790 038 450	2.140	-	-
24.00	0.945	-	-	790 038 451	2.133	-	-
25.00	0.984	790 031 231	-	790 038 452	2.127	-	-
25.25	0.994	-	-	790 038 049	2.180	-	-
25.40	1.000	790 031 234	1.195	790 038 051	2.180	-	-
26.90	1.059	790 031 236	-	790 038 400	2.090	-	-
27.20	1.071	-	-	790 038 468	2.165	-	-
28.00	1.102	-	-	790 038 401	2.110	-	-
29.00	1.142	-	-	790 038 402	2.105	-	-
30.00	1.181	-	-	790 038 403	2.095	-	-
31.75	1.250	790 031 241	1.200	790 038 052	1.865	-	-
31.80	1.250	-	-	790 038 404	2.080	-	-
32.00	1.260	-	-	790 038 455	2.080	-	-
33.00	1.299	-	-	790 038 465	2.120	-	-
33.40	1.315	-	-	790 038 405	2.040	-	-
33.70	1.327	790 031 247	-	790 038 406	2.060	-	-
34.00	1.339	-	-	790 038 407	2.115	-	-
35.00	1.377	-	-	790 038 408	2.050	-	-
36.00	1.417	-	-	790 038 409	2.044	-	-
38.00	1.496	790 031 250	-	790 038 410	2.025	-	-
38.10	1.500	790 031 225	1.2	790 038 053	2.020	-	-
40.00	1.575	-	-	790 038 411	2.000	-	-
41.00	1.614	790 031 220	1.16	790 038 412	1.990	-	-
42.00	1.654	-	-	790 038 413	1.976	-	-
42.16	1.660	-	-	790 038 414	1.950	-	-
42.40	1.669	790 031 221	1.1	790 038 415	1.965	-	-
42.70	1.681	-	-	790 038 416	1.950	-	-
44.45	1.750	-	-	790 038 417	1.955	-	-
44.50	1.752	790 031 229	1.045	790 038 418	1.955	-	-
45.00	1.772	-	-	790 038 419	1.948	-	-
48.00	1.890	-	-	790 038 464	1.960	-	-
48.26	1.900	-	-	790 038 420	1.880	-	-
48.30	1.902	790 031 222	1.1	790 038 421	1.905	-	-
48.60	1.913	-	-	790 038 422	1.875	-	-

TUBE SQUARING TECHNOLOGY

CAN BE USED WITH:		RPG 3.0 (BATTERY)		RPG 4.5		RPG 8.6	
PIPE OD		STAINLESS STEEL		STAINLESS STEEL		ALUMINUM	
[MM]	[INCH]	CODE	KG	CODE	KG	CODE	KG
50.00	1.969	790 031 251	-	790 038 456	1.880	-	-
50.80	2.000	790 031 223	1.1	790 038 054	1.895	790 039 260	4.500
51.00	2.008	790 031 248	-	790 038 423	1.870	-	-
52.00	2.047	-	-	790 038 424	1.850	-	-
53.00	2.087	790 031 224	1.0	790 038 425	1.835	-	-
54.00	2.126	-	-	790 038 426	1.827	-	-
57.00	2.244	790 031 228	0.910	790 038 457	1.780	790 039 265	4.000
60.00	2.362	790 031 230	0.895	790 038 469	1.780	-	-
60.30	2.374	-	-	790 038 427	1.700	-	-
60.45	2.380	790 031 227	0.850	790 038 428	1.726	-	-
60.50	2.382	-	-	790 038 429	1.695	-	-
63.00	2.480	-	-	790 038 461	1.725	-	-
63.50	2.500	-	-	790 038 055	1.670	-	-
65.00	2.559	790 031 226	0.805	790 038 463	1.700	-	-
70.00	2.756	-	-	790 038 430	1.545	-	-
73.03	2.875	790 031 237	0.700	790 038 453	1.460	-	-
73.15	2.880	-	-	790 038 431	1.482	-	-
75.00	2.953	-	-	790 038 462	1.490	-	-
76.10	2.996	-	-	790 038 432	1.420	-	-
76.20	3.000	790 031 238	0.590	790 038 056	1.420	790 039 261	4.200
76.30	3.004	790 031 236	0.600	790 038 433	1.390	-	-
80.00	3.150	-	-	790 038 466	1.390	790 039 308	-
85.00	3.346	-	-	790 038 434	1.220	-	-
85.90	3.382	-	-	790 038 435	1.124	-	-
88.90	3.500	-	-	790 038 057	1.130	790 039 264	4.000
89.10	3.508	-	-	790 038 436	1.100	-	-
90.00	3.543	-	-	790 038 467	1.150	-	-
101.60	4.000	-	-	790 038 058	0.800	790 039 252	3.800
104.00	4.094	-	-	790 038 437	0.740	790 039 309	2.500
108.00	4.252	-	-	790 038 458	0.620	790 039 266	3.750
114.30	4.500	-	-	790 038 059	0.435	790 039 256	3.500
127.05	5.002	-	-	-	-	790 039 262	3.420
133.00	5.236	-	-	-	-	790 039 267	2.980
139.70	5.500	-	-	-	-	790 039 259	3.100
141.30	5.563	-	-	-	-	790 039 257	2.900
152.40	6.000	-	-	-	-	790 039 253	2.700
159.00	6.260	-	-	-	-	790 039 268	2.500
168.30	6.625	-	-	-	-	790 039 254	2.300
193.70	7.626	-	-	-	-	790 039 269	3.500
197.00	7.756	-	-	-	-	790 039 263	1.530
203.20	8.000	-	-	-	-	790 039 258	1.350
219.10	8.625	-	-	-	-	790 039 255	0.600

TUBE SQUARING TECHNOLOGY



Tool holder WH

Tool holder WH

Fitting for multifunctional tool 790 038 314.
Incl. Torx fastening screw M4x10 (790 086 220).

Beveling with the RPG 4.5 S is not recommended.

Application area Tool holder	Machine method		Beveling angle [°]
	Squaring	Beveling	
Tool holder WH12-I	x	-	-
Tool holder WH12-V-30°	-	x	30
Tool holder WH12-V-35°	-	x	35
Tool holder WH12-V-45°	-	x	45
Tool holder WH12-U-20°	-	x	20

ITEM	CODE	KG
Tool holder WH12-I	790 038 320	0.025
Tool holder WH12-V-30°	790 038 329	0.034
Tool holder WH12-V-35°	790 038 282	0.054
Tool holder WH12-V-45°	790 038 280	0.044
Tool holder WH12-U-20°	790 038 326	0.031



Multifunctional tool MFW

Multifunctional tool MFW

With 2 cutting edges and process-specific tool wear protective coating.
Can be used with all the machines of the RPG series.

ITEM	QUAN- TITY	CODE	KG
Multifunctional tool MFW-P-2	1	790 038 314	0.003
Multifunctional tool MFW-P-2	10	790 038 315	0.045

Other accessories

- Folding workbench, see page 80