

# AIR CUTTERS (HAND-HELD TYPE)

## HAND-HELD TYPE

### MR Type

Standard

### MP Type

Heavy-duty



#### MR type specification

Model (less blade)	Length (mm)	Weight (g)	Grip size $\phi$ (mm)	Air consumption (cm <sup>3</sup> /stroke)	Power N (approx.)	Air pressure (MPa)
MR3	112	90	20	31	773	0.4~0.5
MR5	104	130	30	41	842	0.4~0.5
MR10	124	200	36	105	1,493	0.4~0.5
MR20	155	340	45	268	3,490	0.5~0.6
MR30A	191	520	56	631	5,531	0.5~0.6
MR50FK	198	1,170	75	1,212	3,514	0.5~0.6
MR50AK	237	1,290	75	1,285	12,060	0.5~0.6

#### MP type specification

Model (less blade)	Length (mm)	Weight (g)	Grip size $\phi$ (mm)	Air consumption (cm <sup>3</sup> /stroke)	Power N (approx.)	Air pressure (MPa)
MP3	173	120	20	48	1,090	0.3~0.4
MP5	154	200	30	68	1,234	0.3~0.4
MP10	195.5	300	36	171	2,099	0.3~0.4
MP25	204	480	45	405	2,359	0.5~0.6
MP250	250	560	45	624	6,071	0.5~0.6
MP25A	242	560	45	459	5,373	0.4~0.5
MP35A	283	830	56	1,146	10,118	0.5~0.6
MP55AK	370	2,000	75	2,569	23,026	0.5~0.6

#### MR type Blade cutting capacity

Model	Blade (*) Carbide tipped	Copper wire	Steel wire	Stainless wire	Piano wire	Crimping	Plastic	
							Soft	Hard
MR3	S20, S20S, CR20, EP20	0.8	0.4	-	-	-	-	-
	Z20*, Z20S, ZCR20, ZEP20	0.8	0.4	0.2	0.2	-	-	-
	F10, F10S, FD10, FEP20	-	-	-	-	-	1.0	-
MR5	S2, S2S, CR2, EP2	1.0	0.5	-	-	-	-	-
	Z2*, Z2S, ZCR2, ZEP2	1.0	0.5	0.3	0.3	-	-	-
	F1, F1S, FD1, FEP2	-	-	-	-	-	2.0	-
MR10	S4, S4S, CR4, EP4	1.6	1.0	-	-	-	-	-
	Z4*, Z4S, ZCR4, ZEP4	1.6	1.0	0.5	0.5	-	-	-
	F3, F3S, FD3, F3LS, FEP4	-	-	-	-	-	4.0	2.6
	Y4	-	-	-	-	-	-	-
MR20	S5, S5S, P6, CR6, EP6	2.6	2.0	1.6	-	-	-	-
	Z6*, Z6S, ZCR6, ZEP6	2.6	2.0	1.6	1.0	-	-	-
	F5, F5S, FD5, F5LS, FEP6	-	-	-	-	-	7.0	5.0
MR30A	Y6, K6	-	-	-	-	-	-	-
	S7P, S7PS, P8P, CR8P, EP10P, P8PS	3.3	2.8	2.0	-	-	-	-
	Z8P*, Z8PS, ZCR8P, ZEP10P	3.3	2.8	2.0	1.2	-	-	-
	F9P, F9PS, FD9P, FEP10P	-	-	-	-	-	10.0	6.5
	Y8P, K8P, Y817P	-	-	-	-	-	-	-
MR50FK	SH8P	-	-	-	-	-	-	-
	A8P-1.25, A8P-2.0	-	-	-	-	1.25/2.0	-	-
	AR8P-1.25, AR8P-2.0	-	-	-	-	1.25/2.0	-	-
MR50AK	F9PF, FD9PF	-	-	-	-	-	12.0	6.5
	S120, S120S, P120, CR120, EP120	5.5	4.5	3.5	-	-	-	-
	Z120*, Z120S, ZCR120, ZEP120	5.5	4.5	3.5	1.6	-	-	-
Y120	-	-	-	-	-	-	-	

#### MP type Blade cutting capacity

Model	Blade (*) Carbide tipped	Copper wire	Steel wire	Stainless wire	Piano wire	Crimping	Plastic	
							Soft	Hard
MP3	S20, S20S, CR20, EP20	0.8	0.4	-	-	-	-	-
	Z20*, Z20S, ZCR20, ZEP20	0.8	0.4	0.2	0.2	-	-	-
	F10, F10S, FD10, FEP20	-	-	-	-	-	1.0	-
MP5	S2, S2S, CR2, EP2	1.0	0.5	-	-	-	-	-
	Z2*, Z2S, ZCR2, ZEP2	1.0	0.5	0.3	0.3	-	-	-
	F1, F1S, FD1, FEP2	-	-	-	-	-	2.0	-
MP10	S4, S4S, CR4, EP4	1.6	1.0	-	-	-	-	-
	Z4*, Z4S, ZCR4, ZEP4	1.6	1.0	0.5	0.5	-	-	-
	F3, F3S, FD3, F3LS, FEP4	-	-	-	-	-	4.0	2.6
	Y4	-	-	-	-	-	-	-
MP25	S250, S250S, CR250	2.4	1.8	-	-	-	-	-
	F250, F250S, FD250	-	-	-	-	-	8.0	5.0
MP250	S7P1, S7P1S, P8P1, CR8P1, EP10P1	4.0	3.2	-	-	-	-	-
	Z8P1*, ZCR8P1, ZEP10P1	4.0	3.2	2.3	1.2	-	-	-
	F9P1, FD9P1, F9P1S	-	-	-	-	-	8.0	6.5
MP25A	S5, S5S, P6, CR6, EP6	2.6	2.0	1.6	-	-	-	-
	Z6*, Z6S, ZCR6, ZEP6	2.6	2.0	1.6	1.0	-	-	-
	F5, F5S, FD5, F5LS, FEP6	-	-	-	-	-	7.0	5.0
MP35A	Y6, K6	-	-	-	-	-	-	-
	S7P, P8P, S7PS, CR8P, EP10P, P8PS	4.8	4.0	2.8	-	-	-	-
	Z8P*, Z8PS, ZCR8P, ZEP10P	4.8	4.0	2.8	1.2	-	-	-
	F9P, F9PS, FD9P, FEP10P	-	-	-	-	-	13.0	6.5
	Y8P, K8P, Y817P, SH8P	-	-	-	-	-	-	-
MP55AK	A8P-1.25/2.0/5.5, A8WP-1.25-2.0/2.0-5.5	-	-	-	-	-	12.5/20/5.5	-
	AR8P-1.25/2.0/5.5, AR8WP-1.25-2.0/2.0-5.5	-	-	-	-	-	12.5/20/5.5	-
	S120, S120S, P120, CR120, EP120	7.0	6.0	4.3	-	-	-	-
Z120*, Z120S, ZCR120, ZEP120	7.0	6.0	4.3	2.0	-	-	-	
F120	-	-	-	-	-	-	11.0	8.0
Y120	-	-	-	-	-	-	-	-

Shapes & Dimensions of Standard Blades Please see page 5

Special Blades (Custom-made blades) Please see page 8