

Straight grinders

with 50 or 100 watt motors



Straight Grinders

- ▶ High speed for precise grinding and delicate polishing applications
- ▶ Excellent performance/weight ratio
- ▶ Some models are available with both metric and SAE collets; SAE collet is included as an accessory item
- ▶ Ideal for working in damp or wet environments
- ▶ Comprehensive range of accessories

For grinding bits with
6 – 20 mm diameter

Straight grinders



**50 watt
0.07 Hp motor**

Straight grinders



**50 watt
0.07 Hp motor**

Straight grinders



**50 watt
0.07 Hp motor**

Straight grinders



**100 watt
0.13 Hp motor**

Straight grinders



**100 watt
0.13 Hp motor**

Straight grinders



**100 watt
0.13 Hp motor**

Part number	Maximum grinding stone diameter in mm (inch)	No-load speed (rpm)
0 607 250 203	6 (1/4")	85000
0 607 250 208	6 (1/4")	85000
0 607 250 202	6 (1/4")	85000
0 607 250 207	6 (1/4")	85000
0 607 250 201	10 (3/8")	55000
0 607 250 206	10 (3/8")	55000
0 607 254 100	13 (1/2")	50000
0 607 254 106	13 (1/2")	50000
0 607 254 105	13 (1/2")	50000
0 607 254 107	13 (1/2")	50000
0 607 254 101	20 (3/4")	33000
0 607 254 108	20 (3/4")	33000

Air consumption under load in l/s (cfm)	Weight in kg (lbs)	Collet diameter in mm or inches	Air inlet thread	Hose inner diameter (mm)	Comments	Included accessories
1.8 (3.8)	0.24 (0.53)	3	M 6	4.5	safety lever switch	3 mm collet 2 open-ended spanners (wrenches) KW 6/8 Exhaust air hose
1.8 (3.8)	0.24 (0.53)	3 1/8"	M 6	4.5	safety lever switch	Model ...208 includes 3 mm and 1/8" collet
1.8 (3.8)	0.24 (0.53)	3	M 6	4.5	rotary switch	3 mm collet 2 open-ended spanners (wrenches) KW 6/8 Exhaust air hose
1.8 (3.8)	0.24 (0.53)	3 1/8"	M 6	4.5		Model ...207 includes 3 mm and 1/8" collet
1.8 (3.8)	0.12 (0.26)	3	M 6	4.5	rotary switch	3 mm collet 2 open-ended spanners (wrenches) KW 6/8 Exhaust air hose
1.8 (3.8)	0.12 (0.26)	3 1/8"	M 6	4.5	rotary switch	Model ...206 includes 3 mm and 1/8" collet
2.7 (5.7)	0.43 (0.95)	3 6	G 1/8"	6	lever switch	Model ...100 includes 3 and 6 mm collet Locking nut Open-ended spanner (wrench) KW 14 Barbed hose nipple
2.7 (5.7)	0.43 (0.95)	1/8" 1/4"	G 1/8"		lever switch	Model ...106 includes 1/8" and 1/4" collet
2.7 (5.7)	0.43 (0.95)	3	G 1/8"	6	lever switch	3 mm collet Locking nut 2 open-ended spanners (wrenches) KW 9 Barbed hose nipple
2.7 (5.7)	0.43 (0.95)	3 1/8"	G 1/8"		lever switch	Model ...107 includes 3 mm and 1/8" collet
2.7 (5.7)	0.8 (1.8)	6	G 1/8"	6	lever switch	6 mm collet Locking nut 2 open-ended spanners (wrenches) KW 14 Barbed hose nipple
2.7 (5.7)	0.8 (1.8)	6 1/4"	G 1/8"		lever switch	Model ...108 includes 6 mm and 1/4" collet

All motor power & torque data in this catalog assumes an air pressure of 6.3 bar/91psi exists at the tool inlet.
Correct air pressure and volume should be verified at inlet with the tool running at no-load speed.

Straight grinders

with 220, 400 or 450 watt motors

Straight Grinders

- ▶ High speed for precise grinding and delicate polishing applications
- ▶ Excellent performance/weight ratio
- ▶ Some models are available with both metric and SAE collets; SAE collet is included as an accessory item
- ▶ Ideal for working in damp or wet environments
- ▶ Comprehensive range of accessories

For grinding bits with
20 – 50 mm diameter

Straight grinders



220/240 watts
0.3/0.32 Hp motor

Straight grinders



400 watts
0.54 Hp motor

Straight grinders



450 watts
0.6 Hp motor

Part number	Maximum grinding stone diameter in mm (inch)	No-load speed (rpm)
0 607 253 101	20 (3/4")	33000
0 607 253 103	20 (3/4")	33000
0 607 253 100	40 (1/5")	21000
0 607 253 104	40 (1/5")	21000
0 607 261 101	30 (1/2")	26000
0 607 261 104	30 (1/2")	26000
0 607 261 102	50 (2")	15000
0 607 261 105	50 (2")	15000
0 607 251 102	40 (1/5")	21000
0 607 251 103	40 (1/5")	21000

Power output in watts (Hp)	Air consumption under load in l/s (cfm)	Weight in kg (lbs)	Collet diameter in mm or inches	Air inlet thread	Hose inner diameter (mm)	Comments	Included accessories
220 (0.3)	6.0 (12.7)	0.65 (1.43)	6	G 1/8"	6	safety lever switch	6 mm collet Locking nut 2 open-ended spanners (wrenches) KW 14 Barbed hose nipple
220 (0.3)	6.0 (12.7)	0.65 (1.43)	6 1/4"	G 1/8"	6	safety lever switch	Model ...103 includes 6 mm and 1/4" collet
240 (0.32)	6.0 (12.7)	0.65 (1.43)	6	G 1/8"	6	safety lever switch, speed regulated	6 mm collet Locking nut Open-ended spanner (wrench) KW 14 Open-ended spanner (wrench) KW 17 Barbed hose nipple
240 (0.32)	6.0 (12.7)	0.65 (1.43)	6 1/4"	G 1/8"	6	safety lever switch, speed regulated	Model ...104 includes 6 mm and 1/4" collet
400 (0.54)	11.0 (23.3)	0.65 (1.43)	6	G 1/4"	10	safety lever switch	6 mm collet Locking nut Open-ended spanner (wrench) KW 14 Open-ended spanner (wrench) KW 17 Barbed hose nipple Suspension hook
400 (0.54)	11.0 (23.3)	0.65 (1.43)	6 1/4"	G 1/4"	10	safety lever switch	Model ...104 and ...105 include 6 mm and 1/4" collet
400 (0.54)	11.0 (23.3)	0.7 (1.43)	6	G 1/4"	10	safety lever switch, speed regulated	
400 (0.54)	11.0 (23.3)	0.7 (1.43)	6 1/4"	G 1/4"	10	safety lever switch, speed regulated	
450 (0.6)	11.0 (23.3)	1.05 (2.3)	6	G 1/4"	10	lever switch, speed regulated	6 mm collet Locking nut 2 open-ended spanners (wrenches) KW 17 Barbed hose nipple Suspension hook
450 (0.6)	11.0 (23.3)	1.05 (2.3)	6 1/4"	G 1/4"	10	lever switch, speed regulated	Model ...103 includes 6 mm and 1/4" collet

All motor power & torque data in this catalog assumes an air pressure of 6.3 bar/91psi exists at the tool inlet.
Correct air pressure and volume should be verified at inlet with the tool running at no-load speed.