

Turbine Grinder

GTG25

TURBINE TECHNOLOGY BOOSTS PRODUCTIVITY

More efficient than a conventional vane grinder motor, the 2 stage turbine motor in the GTG25 provides an extremely high efficiency leading to great rate of material removal on the roughest surfaces. A speed governor ensures optimum process speed and process time is cut to a minimum. Since the job is done faster, the total energy consumption is significantly lower for each job.

REDUCES OPERATOR STRAIN

The GTG25 is ergonomically designed in every aspect. Its high power-to-weight ratio, 3.4 hp of power in a 5.07 lb tool, makes grinding much easier for the user. Combined with other GTG25 features, for example, an ergonomic angled throttle handle and an autobalancer to minimize vibrations, the overall result is less strain on the operator.



GTG25 F120-527



GTG25 F085-727

HIGHLY SERVICE FRIENDLY

With its all-metal design, the GTG25 turbine grinder is a robust, durable tool. Service intervals are long and servicing is easy thanks to modular internal components and Service Kits from Atlas Copco.

Model	Max free speed r/min	For wheel dia in	Spindle thread	Max output hp	Weight lb	Height over spindle in	Air consumption at		Rec. hose size		Air inlet thread NPT	Ordering No.
							max output cfm	free speed cfm	mm	in		
For grinding and cutting off												
GTG25 F120-527	12000	5	5/8-11	3.4	5.07	2.3	67.8	19	16	5/8	3/8	8423 2525 06
GTG25 F085-727	8500	7	5/8-11	3.4	5.29	2.3	67.8	19	16	5/8	3/8	8423 2525 07
For sanding												
GTG25 S085-700	8500	7	5/8-11	3.4	4.2	2.3	67.8	19	16	5/8	3/8	8423 2525 08
GTG25 S060-700	6000	7	5/8-11	3.4	4.2	2.3	67.8	19	16	5/8	3/8	8423 2525 22

TOOL ACCESSORIES

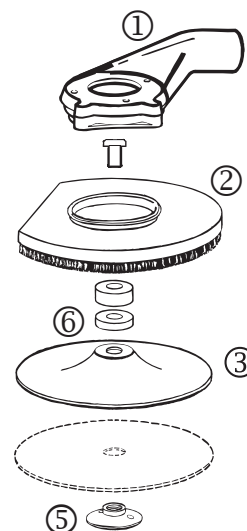
Model	Ordering No.
Whip-hose (incl.)	4175 0738 91
Exhaust hose	4150 1532 95
Spot suction kit for sander	3780 4090 27

AIR LINE ACCESSORIES

Model	Ordering No.
MultiFlex	8202 1350 28
Claw coupling	9000 0262 00
HM Open XL hose reel	8202 1183 50

SPOT SUCTION KIT FOR SANDING WITH FIBRE DISC

Model	Ordering No.
KIT 7"	3780 4007 90
1 Chamber	3780 3100 40
2 Suction cap 180 mm with brush	3780 2675 00
3 Backing pad 180 mm	3780 2710 60
6 Distance washer 9 mm	3780 2721 50
5 Nut 5/8"	3780 2726 70



Productivity Kits

Model	Max air flow	Hose 16.4 ft	Coupling	Lubrication	Ordering No.
MIDI Optimizer F/RD EQ15US-T16	85 cfm	Turbo 16	ErgoQIC 15US	Yes	8202 0850 31

GTG/GTR40

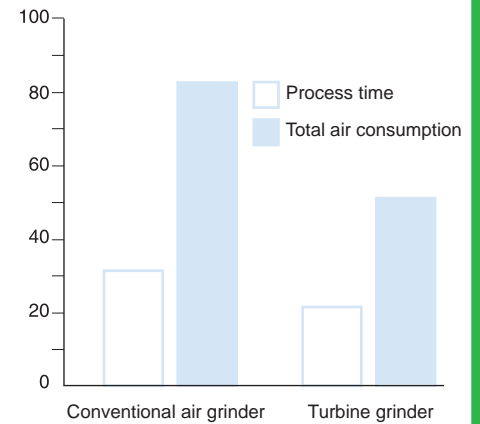
Turbine Grinders and Sanders

The GTG/GTR40 are the most powerful grinders in the turbine grinder range, with incredible power for their size and weight. The range includes angle and straight type grinders for virtually every common rough grinding application.

- For rough grinding and cutting off with depressed center wheels.
- For surface finishing with coated abrasives and wire brushes.
- For rough grinding with cup wheels.
- GTR40 – for rough grinding and applications such as internal and external cleaning of castings with straight grinding wheels.
- Dust extraction – Efficient accessory and standard model for extraction of air-borne dust in sanding applications with fiber discs.



MORE EFFECTIVE



The turbine motor is more efficient than a conventional grinder motor. Therefore it takes less time to do the same job. Also the total air consumption will be a lot less for a specific job.

Model	Max free speed r/min	Max wheel dia in	Max output hp	Weight lb	Height over spindle in	Air consumption at		Hose size in	Air inlet thread NPT	Spindle thread in	Ordering No.
						max output cfm	free speed cfm				
For depressed center wheels, type 27											
GTG40 S060-927	6000	9	6.1	9.5	5.2	126	42	5/8	1/2	UNC 5/8	8423 0715 05
GTG40 S060-727	6000	7	6.1	9.5	5.2	126	42	5/8	1/2	UNC 5/8	8423 0715 07
GTG40 S077-727	7700	7	6.1	9.5	5.2	126	42	5/8	1/2	UNC 5/8	8423 0715 09
GTG40 S085-727	8500	7	6.1	9.5	4.8	126	42	5/8	1/2	UNC 5/8	8423 0715 10
For cup wheel, type 11											
GTG40 S060-611	6000	6	6.1	10.1	5.2	126	42	5/8	1/2	UNC 5/8	8423 0715 00
GTG40 F072-611	7200	5	6.1	10.1	5.2	126	42	5/8	1/2	UNC 5/8	8423 0715 20
For sanding											
GTG40 S060-900	6000	9	6.1	7.9	5.2	126	42	5/8	1/2	UNC 5/8	8423 0715 02
GTG40 S060-700	6000	7	6.1	7.9	5.2	126	42	5/8	1/2	UNC 5/8	8423 0715 03

Model	Max. free speed r/min	Rec. wheel diam. DxTxH in	Spindle		Max output hp	Weight incl. guard flanges lb	Length in	Air consumption at		Air inlet thread NPT	Rec. air hose in	Ordering No.
			thread in	length in				max output cfm	free speed cfm			
GTR40 S085-601	8500	6x1x1	UNC 5/8	2.2	6.1	12.3	22.1	126	42	1/2	5/8	8423 0715 11
GTR40 S072-501	7200	5x1x1	UNC 5/8	2.2	6.1	12.3	22.1	126	42	1/2	5/8	8423 0715 13
GTR40 S060-601	6000	6x1x1	UNC 5/8	2.2	6.1	12.8	22.1	126	42	1/2	5/8	8423 0715 15
GTR40 S060-801	6000	8x1x1	UNC 5/8	2.2	6.1	12.8	22.1	126	42	1/2	5/8	8423 0715 17

Accessories

Turbine Grinders and Sanders

Accessories Included

GTG40

Adjustable wheel guard
Support handle
Attachment flanges
Whip hose 2 ft long, 5/8" dia complete with nipple
Gear box oil, one tube
Hex key for wheel change

GTR40

Wheel guard
Attachment flanges
Whip hose 2 ft long, 5/8" dia complete with nipple
Gear box oil, one tube
Key and spanner for wheel change

Optional Accessories

GTG40

	Ordering No.
Heavy duty backing pad for sanding Ø 180 mm (7")	4170 1192 90
Ø 230 mm (9")	4170 1193 90
Hand shield	4175 0165 90
Adapter for positioning support handle 120/135° between handles	4175 0164 90 ^b
Adapter kit fibre disc	4175 0238 90
Dust extraction kit for 180 mm fiber disc GTG40 S060-700	3780 4090 11 ^a
Hose kit including 1.8 m vacuum hose, Ø 38 mm and air hose Ø 13 mm	3780 2724 41
Attachment nut for cup wheel with plane hole	4175 0178 90

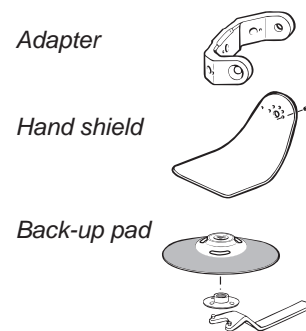
^a Incl. flow chamber, suction cap and support pad.

^b Included as standard in GTG40 S060-611.

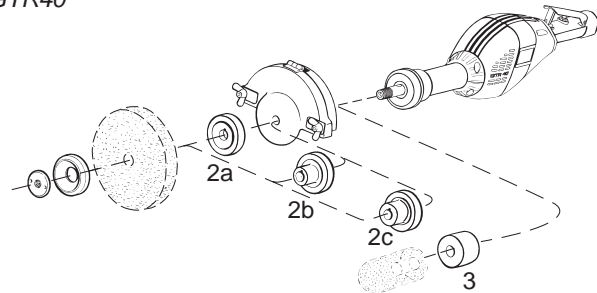
GTR40

	Thickness x Hole dia in	See illustration	Ordering No.
Rear flange	3/4-1 x 5/8	2a	4150 0619 00
	x 1	2a	4150 0713 00
	x 3/4	2b	4150 1650 00
	x 1 1/4	2c	4150 0620 00
Spacer for cone wheel		3	4150 0787 00

GTG40



GTR40



Productivity Kits

Model	Max air flow	Hose 16.4 ft	Coupling	Lubrication	Ordering No.
MAXI F/R EQ15US-T20	140 cfm	Turbo 16	ErgoQIC 15US	No	8202 0850 32
MAXI F/RD EQ15US-T20	140 cfm	Turbo 16	ErgoQIC 15US	Yes	8202 0850 33

NOTE: Tool nipple is not included in the Productivity kit and needs to be order separately together with the tool.



Service Kits

GTG40 4081 0153 90
GTR40 4081 0153 91

228 Grinders