

Atlas Copco Turbo Grinders

Truly dazzling performance!



Atlas Copco



Turbo po

Why invest in Atlas Copco Turbo Grinders?

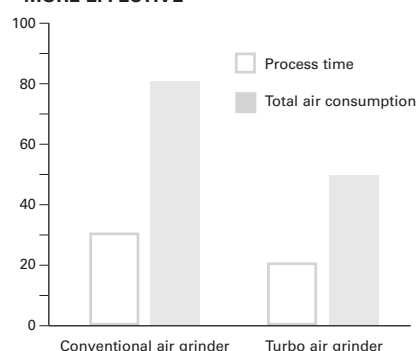
Features	Benefits
Turbine technology gives maximum utilization of compressed air	Exceptional power (2.1–4.5 kW)
Impressively low weight (1.8–3.8 kg)	Minimum strain on the operator
Compact design	Maximum accessibility in cramped spaces
Integrated auto-balancing system	Low vibration levels
Low vibrations, optimum rotation speed	Minimum consumption of abrasives
Overspeed protection device	Optimal performance with increased safety
Vane-free motors	Consistent high performance
Lubrication-free air supply	Reduced risk of hose deterioration, and no oil on the grinding surface

Higher efficiency

The turbine motor is more efficient than the 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.

Atlas Copco was the first manufacturer to provide the market with hand-held industrial grinders with axial turbine motors. Since 1993 we have supplied turbo grinders to customers throughout the world. Thanks to our long experience, we have the know-how to sup-

MORE EFFECTIVE





owered pro

GTG 21

Power: 2.1 kW
Weight: 1.6–2.8 kg
Wheel diameters: 5", 7"
Flap discs
Dust extraction

Adjustable support handle
for maximum feed force
and flexibility

Exceptionally low height
ensures optimum
accessibility (68 mm)

Autobalancer for reduced
vibrations ($<2.5 \text{ m/s}^2$)

Lubrication-free turbine
motor provides maximum
power and efficiency

Speed governor for
optimal performance

Overspeed shut-off
for increased safety

Simple wheel change
with spindle lock, only
one key is needed

Easily adjustable wheel guard
for maximum accessibility
and operator safety

GTG 21 goes where other grinders can't

Combine high power with compact, ergonomic design and you get the GTG 21 Turbo Grinder. This state-of-the-art grinding tool will give you high performance grinding, cutting and sanding, even in the most cramped spaces. The low height of the GTG 21 allows unparalleled accessibility and its lightweight design takes much of the strain out of overhead grinding jobs. The GTG 21 is easy to service, thanks to our motor exchange program.

When it comes to power, performance and operator comfort, the GTG 21 is in a class of its own. Try it, and you'll understand

what we mean!



GTG 21 Sanding



GTG 21 Grinding and cutting



GTG 21 Sanding with
optional dust extraction



GTG 21 Grinding with
optional dust extraction



GTG 21 with optional
diamond cutting kit



Productivity

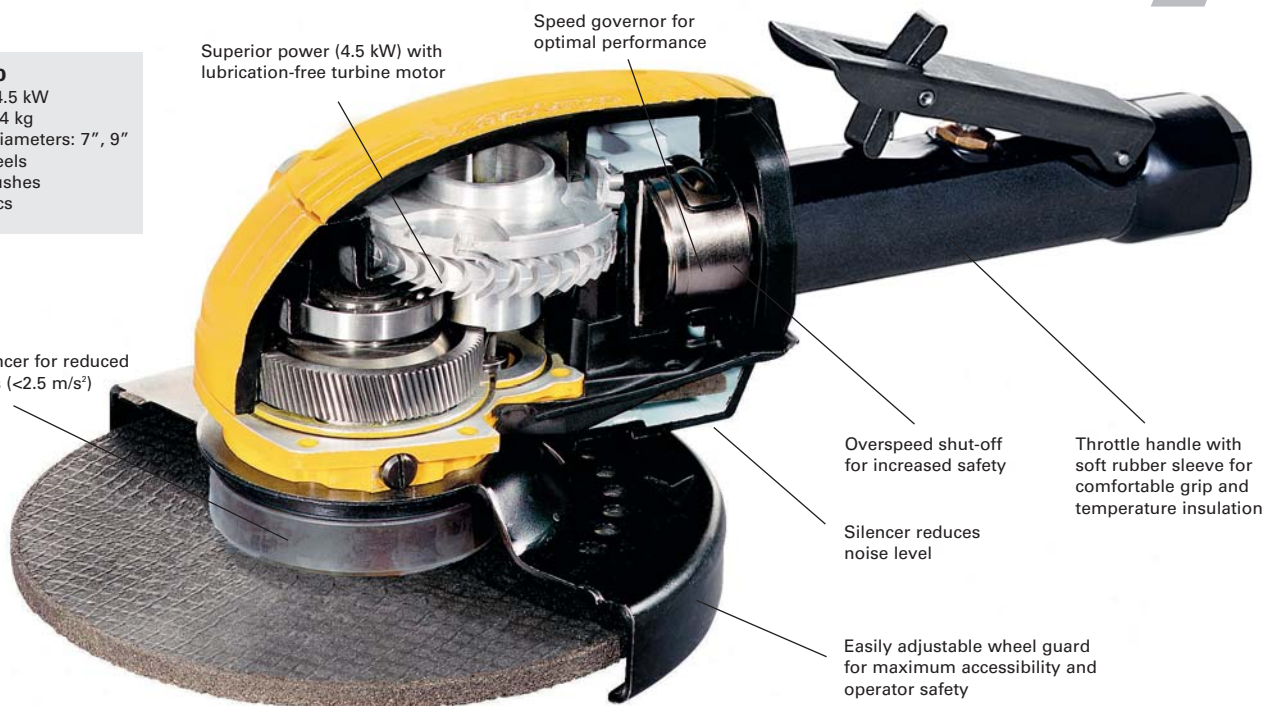
GTG 40

Power: 4.5 kW
Weight: 4 kg
Wheel diameters: 7", 9"
Cup wheels
Wire brushes
Flap discs

Superior power (4.5 kW) with lubrication-free turbine motor

Speed governor for optimal performance

Autobalancer for reduced vibrations (<2.5 m/s²)



GTG 40 – immense power, yet comfortable to work with

Carrying out grinding tasks in a foundry, shipyard, or other heavy industrial situation? If so, you need the toughest, most powerful grinder on the market. But then it's probably so heavy that you're worn out after just a few hours of grinding.

Not at all! The GTG 40 Turbo Grinder is the answer to your prayers. With a turbo-driven motor giving 4.5 kW of power in a grinder weighing only 4 kg, you'll achieve a higher rate of material removal than ever before – with far less effort!

GTR 40 – Straight Turbo Grinder

Based on the same technology as the GTG 40, the GTR 40 is a high-powered, straight turbo grinder. Ideal for rough grinding, fettling of castings or stock removal, the GTR 40 makes light work of the heaviest tasks.



Test an Atlas Copco Turbo Grinder – it's revolutionary.
We promise you'll be amazed by its immense power.

You get an extremely high rate of material removal on the roughest surfaces, the quality of the work is higher, and process time is slashed to a minimum. Combine these benefits with quick, simple wheel changes, and you get a level of productivity you never thought possible.


Designed for maximum operator comfort, our Turbo Grinders are light, well balanced and safe.

Atlas Copco Turbo Grinders are not only revolutionary technology, they cut your costs as well!



GTG 21



	Max. free speed r/min	Max. wheel dia. mm	Max. output kW hp		Weight kg lb		Height over spindle end mm in		Air consumption				Hose size mm in		Air inlet thread BSP	Sound level at free speed dB (A) ^{b)}	Ordering No.	
									at max.		at free speed							
Model									power l/s	cfm	l/s	cfm						
Grinding and cutting																		
GTG 21 F120-13	12.000	125	2.1	2.8	1.8	3.9	68	2.7	30	64	10	21	13	1/2	3/8	74	8423 2963 00*	
GTG 21 F085-18	8.500	180	2.1	2.8	2.0	3.9	72	2.8	30	64	10	21	13	1/2	3/8	74	8423 2963 02*	
Sander																		
GTG 21 S085 ^{c)}	8.500	180 ^{a)}	2.1	2.8	1.8	3.9	80	3.1	30	64	10	21	13	1/2	3/8	74	8423 2963 05*	
GTG 21 S085 M14	8.500	180 ^{a)}	2.1	2.8	1.8	3.9	94	3.7	30	64	10	21	13	1/2	3/8	74	8423 2963 07	
GTG 21 D120	12.000	125 ^{a)}	2.1	2.8	1.6	3.5	92	3.6	30	64	10	21	13	1/2	3/8	74	8423 0800 00*	
GTG 21 D085	8.500	180 ^{a)}	2.1	2.8	1.6	3.5	92	3.6	30	64	10	21	13	1/2	3/8	74	8423 0800 01*	
Spot suction kit accessories for:	Grinding depressed center wheel dia. mm				Sanding fiber disc dia. mm				Cutting in GRP with disc dia. mm				Diamond cutting disc dia. mm					
	125	180			125		180		125		180		125		180			
GTG 21 D120	3780 4090 23				3780 4090 24				3780 4090 25				3780 5074 61					
GTG 21 D085	3780 4090 21				3780 4090 24				3780 4090 26				3780 4090 22				3780 5074 62	

-D prepared for accessories for spot suction kit a) Max. diameter of fiber disc b) According to ISO 15744 c) UNC 5/8"-11 spindle *) Available directly from stock

Standard accessories

For grinder
Adjustable wheel guard:
Attachment flanges for 1–10 mm thick grinding wheels
Hex key for wheel change

For both grinder and sander:
Adjustable support handle

Whip hose 0.7 m long, 13 mm dia. complete with nipple and ErgoNip 10
Gearbox oil, one tube

For sander -D:
Flow chamber
Suction hood
180 mm backing pad

Installation proposal for maximum power:

Turbo 16, 10 m, incl. ErgoNip 10 and ErgoQIC 10
Air Prep unit, incl. Midi F/R, ball valve, ErgoQIC 10


Ordering No.

8202 1180 46
8202 0845 48



GTG 40



	Max. free speed r/min	Max. wheel dia. mm	Max. output kW hp		Weight kg lb		Height over spindle end mm in		Air consumption				Hose size mm in		Air inlet thread BSP	Sound level at free speed dB (A) ^{a)}	Ordering No.
									at max. power		at free speed						
Model									l/s	cfm	l/s	cfm					
Grinding and cutting																	
GTG 40 F085-18	8.500	180	4.5	6.1	3.8	8.4	128	5.0	60	126	20	42	16	5/8	1/2	85	8423 2900 10*
GTG 40 F066-23	6.600	230	4.5	6.1	4.0	8.8	128	5.0	60	126	20	42	16	5/8	1/2	85	8423 2910 10*
Wire brush and sanding																	
GTG 40 S072	7.200	125	4.5	6.1	3.6	7.9	132	5.2	60	126	20	42	16	5/8	1/2	85	8423 2920 00*
GTG 40 S060	6.000	140 ^{b)}	4.5	6.1	3.6	7.9	132	5.2	60	126	20	42	16	5/8	1/2	85	8423 2930 00*
Cup wheel																	
GTG 40 S060-C15	6.000	150	4.5	6.1	4.3	10.5	126	5.0	60	126	20	42	16	5/8	1/2	85	8423 2930 10*

a) According to ISO 15744 b) 230 for sanding, 140 for wire brush *) Available directly from stock

Standard accessories

- Adjustable wheel guard
- Support handle
- Attachment flanges for 1.5–7 mm thick cut off wheels and 2.8–8 mm thick depressed center wheels

- Whip hose 0.7 m long, 16 mm dia. complete with nipple and ErgoNip 10
- Gearbox oil, one tube
- Hex key and spanner for wheel change

Spot suction kit accessory

- Available for GTG 40 S060. Ordering No. 3780 4090 10

Installation proposal for maximum power:

Turbo 16, 5 m incl. ErgoNip 10 and ErgoQIC 10
Turbo 20, 20 m, incl. ErgoQIC 10
Air Preparation unit, incl. Maxi F/R 25, ball valve, claw

Ordering No.

8202 1181 80
8202 1181 75
8202 0845 48



Optional accessories


Attachment flange for 0–4 mm disc thickness

Ordering No.

4175 0194 01

GTR 40



	Max. free speed r/min	Max. wheel dia. mm	Max. output kW hp		Weight kg lb		Length mm	Air consumption				Hose size mm in		Air inlet thread BSP	Sound level at free speed dB (A) ^{a)}	Ordering No.
								at max. power l/s cfm		at free speed l/s cfm						
Model																
GTR 40 S060-20	6.000	200	4.5	6.1	6.4	14.1	563	60	126	20	42	16	5/8	1/2	85	8423 2954 00*
GTR 40 S060-15	6.000	150	4.5	6.1	5.8	12.8	563	60	126	20	42	16	5/8	1/2	85	8423 2952 00*
GTR 40 S072-13	7.200	125	4.5	6.1	5.6	12.3	563	60	126	20	42	16	5/8	1/2	85	8423 2951 00*
GTR 40 S085-15	8.500	150	4.5	6.1	5.6	12.3	563	60	126	20	42	16	5/8	1/2	85	8423 2950 00*

a) According to ISO 15744 *) Available directly from stock

Standard accessories

- Wheel guard
- Key and spanner for wheel change

- Whip hose 0.7 m long, 16 mm dia. complete with nipple and ErgoNip 10
- Gearbox oil, one tube
- Attachment flanges for grinding wheels

Optional accessories Thickness x hole dia. mm

Rear flange TxH 20-32x16
TxH 20-32x20
TxH 20-32x32
Spacer for cone wheel

Ordering No.

4150 0619 00
4150 1650 00
4150 0620 00
4150 0787 00

