



Screwdriving technology



Automation



Air motors



Air tools

DEPRAG
INDUSTRIAL



Air Turbine Grinders - Angle

Double the Power! Half the Weight!

Power Output: 1,8 / 2,2 / 4,5 kW (2.4 / 3.0 / 6.0 HP)

Speed - no load: 6 000 - 12 000 min⁻¹

- oilfree and maintenance-free operation, turbine motor does not require airline lubrication
- optimal power to weight ratio, low air consumption
- maximum material removal
- perfect handling by means of an anti-vibration side handle and ergonomic shape
- keyless adjustability of safety guard
- spindle-lock at the push of a button; keyless wheel/disk replacement possible
- high operating safety
- adjustable exhaust - left / right

These robust high-powered grinders are best used for the scrubbing and leveling of cast-iron-parts, steel parts, welding seams, non-ferrous metals of all types and rock, as well as for any other fabrication areas such as the steel-, and container construction, for machine building, in foundries and concrete-construction. These grinders are designed to perform best on heavy duty, industrial applications. The robust construction of these tools assure an extended longevity - even when used in 24/7 operations.

For an oilfree operation, we recommend the use of our turbine grinders. The already excellent power-to-weight ratio of our vane-motors is surpassed by our turbine grinders. The operating speed of our grinders is adapted to assure the best-possible grinding result.



GAT 823-450 BX



GAT 515-450 CXT



GAT 818-450 BX



GAT 812-220 BX



GAT 815-180 BX



The best tools for efficient material removal

High power output

The DEPRAG Industrial line of angle grinders excel through the compact design and the concurrent high power-output. The construction of the motor is based on the most modern materials, which allow them to reach their maximum possible power. The already high power-to-weight ratio of our standard air-grinders is surpassed by our grinders equipped with turbine motors.

Ergonomical

These grinders operate at an extreme low noise-level. The ergonomic design of the tool-grip and also the side-handle reduces the machine's vibration.

Efficient

The speed-generator guarantees the highest amount of material removal with a low air-consumption, while reaching an outstanding life span.

Grinder with gearing

By installing a gear into the angle-head, it is possible to greatly reduce the head height. Because of the reduced head height, it is possible to use these grinders in hard-to-reach areas.

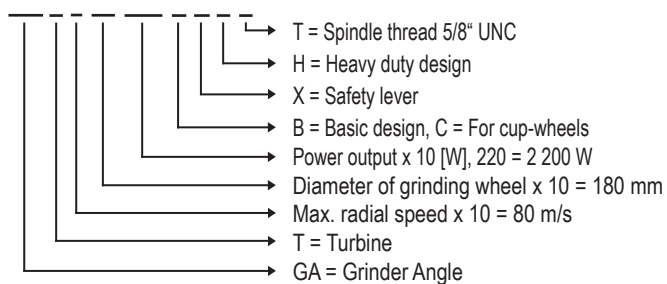
Oilfree operation

For an oilfree operation, we offer our special line of turbine grinders.



TYPE KEY

GA T 8 18-220 B X H T

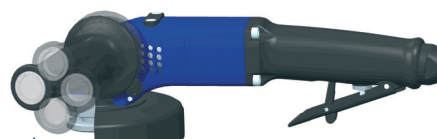
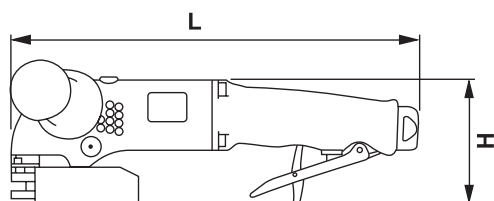


Applications

- Deburring of welding seams (ship building)
- Cutting of gate sections (cast-iron engine blocks)
- Cutting of thick-walled profiles (steel construction)

SPECIFICATIONS - TURBINE GRINDERS - POWER OUTPUT 1,8 / 2,2 kW (2.41 / 2.95 HP)

Design - Angle grinders for grinding or cutting-off wheels of type 27/28, 41/42: Ø 115 mm, 125 mm, 150 mm and 180 mm



Anti-vibration side handle
(change-over to left-hander
operation possible)

Keyless adjustability
of safety guard

Machine automatically
shuts-off at overload

Safety Lever	Model Part No.	GAT 811-220 BX 310100 A	GAT 812-220 BX 315193 E	GAT 815-180 BX 315193 M	GAT 818-220 BXH 310062 A
Speed (no load)	min ⁻¹ (rpm)	12 000	12 000	10 200	8 500
Max. power output	kW (hp)	2,2 (2.4)	2,2 (2.4)	1,8 (3.0)	2,2 (2.4)
Air consumption (under load)	m ³ /min (cfm)	1,8 (63.6)	1,8 (63.6)	2,2 (77.7)	1,8 (63.6)
Air consumption (no load)	m ³ /min (cfm)	0,7 (24.7)	0,7 (24.7)	0,9 (31.8)	0,7 (24.7)
O.D. of grinding wheel	mm (in)	115 (4-1/2")	125 (5")	150 (6")	180 (7")
I.D. of grinding wheel	mm (in)	22,2 (7/8")	22,2 (7/8")	22,2 (7/8")	22,2 (7/8")
Thickness of grinding wheel	mm (in)	3;4;6 (.12,.16,.24)	3;4;6 (.12,.16,.24)	3;4;6 (.12,.16,.24)	4;6;8;10 (.16,.24,.32,.39)
Thickness of cutting-off wheel	mm (in)	2;2,5;3,2 (.08,.10,.13)	2;2,5;3,2 (.08,.10,.13)	2;2,5;3,2 (.08,.10,.13)	2;2,5;3,2 (.08,.10,.13)
Max. radial speed	m/s	80	80	80	80
I.D. of air inlet hose	mm (in)	13 (1/2")	13 (1/2")	13 (1/2")	13 (1/2")
Height of tool H	mm (in)	98 (3.9)	98 (3.9)	93 (3.7)	110 (4.3)
Length of tool L	mm (in)	295 (11.6)	295 (11.6)	295 (11.6)	304 (12.0)
Max. cutting depth	mm (in)	35 (1.38)	40 (1.6)	52 (2.0)	58 (2.3)
Weight	kg (lbs)	1,8 (4.0)	1,9 (4.2)	2,2 (4.9)	2,8 (6.2)
Spindle thread		M14	M14	M14	M14
Air connection		thread 1/2" female	thread 1/2" female	thread 1/2" female	thread 1/2" female

Specifications at 90 psi (6,3 bar)

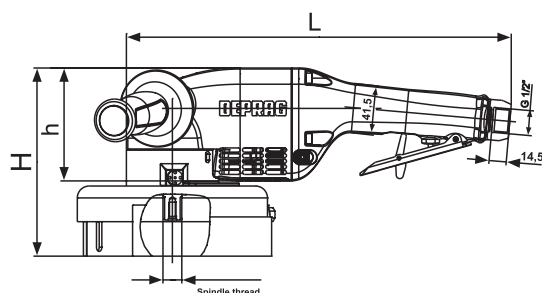
Standard Equipment:	Part Number			
Pin wrench	828832	828832	828832	828832
Plug	6072227	6072227	6072227	6072227

Optional Accessories:	Part Number			
Hose set (4-meter hose, LW 13 mm)	315130 A	315130 A	315130 A	315130 A
Oil set for oil change in head	790083 A	790083 A	790083 A	790083 A
Filter (20 µm) *	6021281A	6021281A	6021281A	6021281A
Clamp nut (for cutting-off wheel of type 41)	-	-	310187	310186
Flange (for cutting-off wheel of type 41)	-	-	310188	-
Support disk (Ø 180 mm x Ø 22,2 mm)	-	-	-	310324

* We offer and recommend using an external filter for an additional filtration of the supply air.

SPECIFICATIONS - TURBINE GRINDERS - POWER OUTPUT 4,5 kW (6.03 HP)

Design - Angle Grinders for grinding or cutting-off wheels of type 27/28, 41/42: Ø 180 mm and 230 mm; for cup-wheels of type 11: - Ø 150 mm, with spindle thread 5/8"-11 UNC



Anti-vibration side handle
(change-over to left-hander
operation possible)

Keyless adjustability
of safety guard

Machine automatically
shuts-off at overload

Safety Lever	Model Part No.	GAT 818-450 BX 418193 A	GAT 823-450 BX 418193 B	GAT 515-450 CXT 418193 C
Speed (no load)	min ⁻¹ (rpm)	8 500	6 600	6 000
Max. power output	kW (hp)	4,5 (6.0)	4,5 (6.0)	4,5 (6.0)
Air consumption (under load)	m ³ /min (cfm)	3,6 (127.1)	3,6 (127.1)	3,6 (127.1)
Air consumption (no load)	m ³ /min (cfm)	1,2 (42.4)	1,2 (42.4)	1,2 (42.4)
O.D. of grinding wheel	mm (in)	180 (7")	230 (9")	150 (6")
I.D. of grinding wheel	mm (in)	22,2 (7/8")	22,2 (7/8")	5/8"-11 UNC
Thickness of grinding wheel	mm (in)	4; 6; 8; 10 (.16, .24, .32, .39)	4; 6; 8 (.16, .24, .32)	-
Thickness of cutting-off wheel	mm (in)	2; 2,5; 3,2 (.08, .10, .13)	2; 2,5; 3,2 (.08, .10, .13)	-
Max. radial speed	m/s	80	80	50
I.D. of air inlet hose	mm (in)	19 (3/4")	19 (3/4")	19 (3/4")
Height of tool incl. guard H	mm (in)	125 (4.9)	125 (4.9)	158 (6.2)
Height of tool h	mm (in)	95 (3.7)	95 (3.7)	95 (3.7)
Length of tool L	mm (in)	324 (12.8)	324 (12.8)	324 (12.8)
Max. cutting depth	mm (in)	51,3 (2.0)	76,3 (3.0)	-
Weight	kg (lbs)	4,0 (8.8)	4,0 (8.8)	4,5 (9.9)
Spindle thread		M14	M14	5/8"-11 UNC
Air connection		thread 1/2" female	thread 1/2" female	thread 1/2" female

Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number		
Pin wrench	828832	828832	-
Flange	-	-	310119
Flange	-	-	310122
Screw	-	-	310127
Wrench	-	-	814220
Allen key 4 mm	-	-	800447
Spanner 10 mm	-	-	800402
Nozzle, turnable	6021323A	6021323A	6021323A

Optional Accessories:	Part Number		
Hose set (4-meter hose, LW 19 mm, turnable)	418710 A	418710 A	418710 A
Oil set for oil change in head	790083 A	790083 A	790083 A
Filter (20 µm) *	6021283A	6021283A	6021283A
Clamp nut (for cutting-off wheel of type 41)	310184	310184	-
Flange (for cutting-off wheel of type 41)	310324	-	-
Support disk (Ø 180 mm x Ø 22,2 mm)	-	310325	-

* We offer and recommend using an external filter for an additional filtration of the supply air.

DEPRAG
DEPRAG CZ a.s., Lázně Bělohrad



DEPRAG CZ a.s., T. G. Masaryka 113, 507 81 Lázně Bělohrad - Czech Republic
Tel.: +420-493 771 511, Fax: +420-493 771 623, E-mail: sales@deprag.cz, Internet: www.deprag.cz

Specifications subject to change without prior notice