

Dear DEPRAG-INDUSTRIAL Associate,  
we take the opportunity to inform you about new and improved products that were either added to our product line or where we made improvements. Detailed technical information and pictures, as well as a catalog in PDF-format can be found on our website [www.deprag.cz](http://www.deprag.cz).

- **Program expansion DEPRAG INDUSTRIAL : Air Angle Grinders with Turbine Drive – Model GAT 812-221BX-M14, GAT 812-260BX-M14, GAT 815-260BX, GAT 818-260BX-M14**

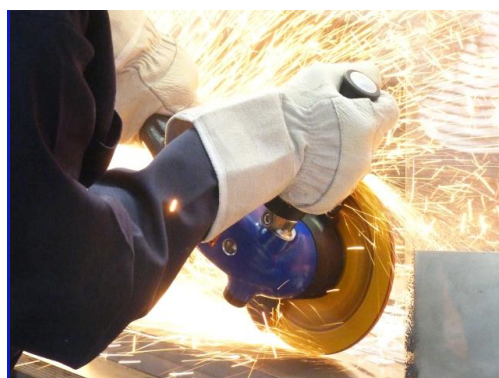
## Air Grinders with Turbine Drive

Model GAT 812-221BX-M14, GAT 812-260BX-M14, GAT 815-260BX-M14, GAT 818-260BX-M14

We are pleased to inform you that we are introducing our new Turbine Grinders for grinding/cutting-off disks with Diameter 5" -125 mm, 6" -150 mm, 7" -180 mm **with spindle thread M14**. The grinders are designed to perform best on heavy duty, industrial applications – even when used in 24/7 operations.

Model	Part Number
GAT 812-221BX-M14	310519H
GAT 812-260BX-M14	310519F
GAT 815-260BX-M14	310687C
GAT 818-260BX-M14	310687D

For an oil-free 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. 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 air types and rock, as well as for any other fabrication areas such as the steel-, and container construction.



## Advantages:

- Oil-free and maintenance-free operation (turbine motor does not require airline lubrication, exchange of vanes not needed)
- Optimal power-to-weight ratio, maximum material removal, dual-power (Grinder with turbine motor achieves double power at half the weight compared to conventional grinders with vane motor. Therefore the same operation requires less time)
- Perfect handling due to the vibration-dampening grip and the ergonomic form
- The tool can simply be changed to accommodate a left-handed operator.
- An integrated ABU (auto-balancing-unit) reduces vibration and allows a fatigue-free operation
- The machine automatically shuts-off at overload
- The best-possible grinding results even on hard-to-reach areas.
- Efficiency, ergonomic – perfect handling due to the grip and ergonomic form. The lever start can be rotated by 90°.

## Specifications:

Air grinders for grinding of cut-off disks of type 27 and 41/42	Model Part No.	GAT 812-221BX-M14 310519H	GAT 812-260BX-M14 310519F	GAT 815-260BX-M14 310687C	GAT 818-260BX-M14 310687D
Speed (no load)	min <sup>-1</sup> (rpm)	12 000	12 000	10 200	8 500
Max. power output	kW (hp)	2,2 (2.95)	2,6 (3.49)	2,6 (3.49)	2,6 (3.49)
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,56 (19.8)	0,63 (22.2)	0,63 (22.2)	0,63 (22.2)
Air consumption (loaded)	m <sup>3</sup> /min (cfm)	2,0 (70.6)	2,25 (79.4)	2,25 (79.4)	2,25 (79.4)
I.D. of air inlet hose	mm (in)	13 (.47)	13 (.47)	13 (.47)	13 (.47)
O.D. of grinding wheel	mm (in)	125 (5")	125 (5")	150 (6")	180 (7")
I.D. of grinding wheel	mm (in)	22,23 (29.8)	22,23 (29.8)	22,23 (29.8)	22,23 (29.8)
Thickness of grinding wheel	mm (in)	4; 6; 8 (.16,.24,.32)	4; 6; 8 (.16,.24,.32)	4; 6; 8; 10 (.16,.24,.32,.39)	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 (ft/s)	80	80	80	80
Weight	kg (lbs)	2,3 (5.07)	2,3 (5.07)	2,8 (6.17)	3,0 (6.61)
Sound pressure level L <sub>pA</sub>	dB/A	86	86	86	86
Vibration	m/s <sup>2</sup>	3,7	3,7	3,6	3,6
Dimensions LxH	mm (in)	299x98 (11.8x3.9)	299x98 (11.8x3.9)	313x109 (12.3x4.29)	313x109 (12.3x4.29)
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)



GAT 818-260BX-M14

Our angle grinders are standard products supplied by DEPRAG INDUSTRIAL; official date of sale: May 1<sup>st</sup>, 2015.

## Specifications – dimensional-sketch (mm):

