

Circular Letter No. 6 dated November 18th, 2013

Address: All International Offices

Pages: 4
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SUBJECT: NEW PRODUCTS

Dear DEPRAG INDUSTRIAL Associate,

we would like to inform you about new some products that were added to our product line. Technical information with pictures, as well as a PDF-catalog, can be found on our web-site www.deprag.cz.

Contents:

- **Angle Grinders - Model GA 811-100BX, GA 812-100BX (replacement for PBP 115/125A-80X)**
- **Impact tool with fist grip – Model SMS 265-1”ZA (replacement for PSR 36)**

Angle Grinders - Model GA 811-100BX, GA 812-100BX

We are proud to introduce our new angle grinders model GA 811-100BX and GA 812-100BX that replace the existing models PBP 115/125A-80X.

Model	Part Number
GA 811-100BX	6060546A
GA 812-100BX	6060545A

Description:

Our new angle grinders are used mainly for the treatment of metals, to level, de-burr or treat cast-iron parts. These grinders offer a high power-to-weight ratio, which translates into maximum material removal using only a minimum of effort. These grinders cover virtually every application area.

- Ship building
- Machine building
- Automotive industry
- Steel fabricating industry



Advantages:

- High power output
- Ergonomic
- Efficient
- Because of the reduced head height, it is possible to use these grinders in hard-to-reach areas.
- Perfect handling by means of an anti-vibration handle and the ergonomic shape
- High operating safety

Advantages compared to the model PBP:

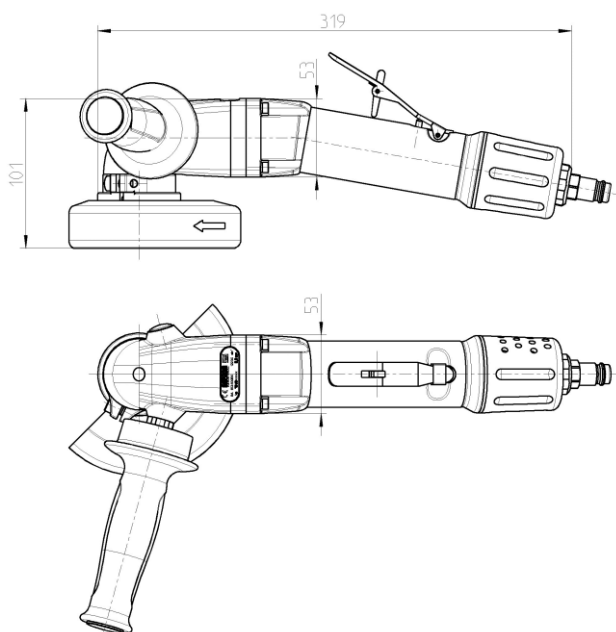
Increased lifespan of the gearing, new wheel guard, new exhaust design for better handling (instead of the rigid outlet it now allows the free movement of exhaust connection)

Specifications:

Air Angle Grinders		For grinding wheels type 27/28 and for cut-off wheels type 41/42	
Safety lever	Model Part No.	GA 811-100BX 6060546A	GA 812-100BX 6060545A
Speed (no load)	min ⁻¹ (rpm)	13 200	12 200
Max. power output	kW (hp)	1,0 (1.34)	1,0 (1.34)
Air consumption / idle speed	m ³ /min (cfm)	0,7 (24.72)	0,7 (24.72)
Air consumption / under load	m ³ /min (cfm)	1,2 (42.37)	1,2 (42.37)
Weight	kg (lbs)	2,4 (5.29)	2,4 (5.29)
Max. radial speed	m/s (ft/s)	80 (262.40)	80 (262.40)
Inside diameter of abrasive	mm (in)	115 (4.53)	125 (4.92)
Outside diameter of abrasive	mm (in)	22,2 (.87)	22,2 (.87)
Max. cutting depth	mm (in)	29 (1.14)	34 (1.34)
Width of grinding wheel	mm (in)	3; 4; 6 (.12; .16; .24)	3; 4; 6 (.12; .16; .24)
Width of cutting-off wheel	mm (in)	1; 1,6; 2 (.04; .06; .08)	1; 1,6; 2 (.04; .06; .08)
I.D. of air inlet hose	mm (in)	13 (.51)	13 (.51)
Air connection		Hose nozzle	Hose nozzle
Dimensions LxH	mm (in)	319x101 (12.56x3.98)	319x101 (12.56x3.98)

Specifications at 90 psi (6,3 bar)

Specifications – dimensional-sketch (mm):



GA 812-100BX

The angle grinders GA 811-100BX, GA 812-100BX are standard DEPRAG INDUSTRIAL products.
Official date of sale: November 18th, 2013.
Effective May 18th, 2013, we started to replace the models PBP 115/125A-80X by the new model GA 811/812-100BX.

Air Impact Tool – Model SMS 265-1“ZA

For screws from M24 to M45
Max. torque capability 2 650 Nm

We are also proud to introduce our new air impact wrench model SMS 265-1”ZA, which replaces the existing model PSR 36. The new SMS 265-1”ZA is another tool of the new generation of the DEPRAG impact wrenches. These tools are well-suited for the effective tightening of fasteners in mass-production environments, which demand high performance, utmost reliability and an extreme operational efficiency.

Model	Part Number
SMS 265-1“ZA	6061222A

Description:

This new impact wrench is designed to allow a fast, but low-reaction tightening of fasteners size M24 to M45. The design assures that the operation is fatigue-free, no matter if a fastener is tightened or loosened. This tool is well-suited for the use in a mass-production environment or in a maintenance department.

Robust

Versatile usability: this robust tool is suitable for the heavy industrial use for example in the automobile industry or in machine building industry.

High longevity

The robust construction secures a high lifespan of the tool, even when used in a 24/7 operation.

Because of the new twin-hammer impact system, a clearly better power-to-weight ratio can be reached, while simultaneously achieving a lower vibration level. With the integrated torque selector switch, the torque can be comfortably set in three easy adjustments. Adjustment 1 = 2500 Nm, adjustment 2 = 1900 Nm, adjustment 3 = 1200 Nm. In steps 2 and 3, the air consumption is automatically reduced; this increases the tool's economic operation even at a lower torque setting. The maximum loosening torque is approximately 2650 Nm. Because of the newly developed drive motor, a higher torque can be reached while keeping the size of the tool to a minimum and well below the size of a comparable tool offered by our competitors. Particular attention was paid to the ergonomic design of the hand-grip. The new grip was made to assure a centered handling, which guarantees a fatigue-free operation. The reverse slide is simple to operate and easy to reach. As a standard accessory, this tool is supplied with a suspension hanger.

Advantages:

- Maximum operational power even in 24/7 operations
- Advanced motor solution – increased power output
- 3-step torque adjustment starting from 15 % of maximum working torque
- Maximum longevity and reliability
- Truly Ergonomic design
- 35 % higher torque than the predecessor PSR 36
- Lower body weight
- Lower air consumption
- Simple operation

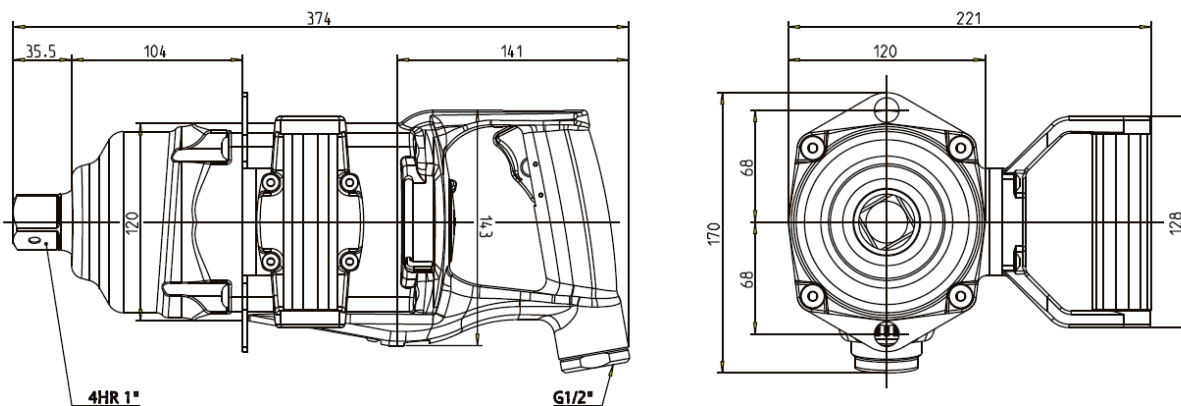
Our industrial 1“ air impact wrench can be used for the most demanding fabrication requirements. It is especially well-suited for the tightening and loosening of screws, sizes M24 to M45. This tool has been designed to excel in automotive- and machine-building industries. It is economical, efficient and easy for an operator to use.

Specifications:

Model Part Number	SMS 265-1"ZA 6061222A	
For screws up to	mm (in)	M45
Max. torque capability	Nm	2 650
Operating torque range	Nm	1200 - 2500
Speed, unloaded	min ⁻¹ (rpm)	6000 ±10%
Impacts per minute	Hz	13
Air consumption no load / under load	m ³ /min (cfm)	2,5 / 1,3 ±10% (88.28 / 45.90 ±10%)
Spindle – external square	in	1"
I.D. of air inlet hose	mm (in)	16 (.63)
Weight	kg (lbs)	10,4 (22.93)
Declared emission-level for acoustic-pressure A, L _{pA}	dB/20μPa	92,7 + 3
Declared emission-level for acoustic-power A, L _{wa}	dB/1pW	103,7 + 3
Vibrations a _{hv}	m/s ²	14,5 + 1,93

Specifications at 90 psi (6,3 bar)

Specifications – dimensional-sketch (mm):



New generation of impact wrenches – Model SMS 265-1"ZA



SMS 265-1"ZA



The impact-wrench SMS 265-1"ZA is a standard DEPRAG INDUSTRIAL product.

Official date of sale: November 18th, 2013.

Effective May 18th, 2013, we replaced the model PSR 36 with the new model SMP 110-3/4"ZA.