NEWS DEPRAG INDUSTRIAL

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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.

New product:

- **Grinder with collet GDS011-551BY**

Grinder with collet GDS011-551BY

The innovative GDS011-551BY grinder with collet is the successor and replacement of the old GDS011-550BY version.

For this new product, the primary focus has been on improving the hygienic parameters of **vibration** and **noise level**, resulting in a significant reduction of these through the use of high quality materials and geometric processing of selected components. Thanks to this innovation, there is no longer a requirement to take prescribed breaks when working with this machine - the undesirable effects of vibration and noise on the human body have been eliminated. The grinder achieves the best ergonomic parameters in its series of all its worldwide competitors.

Type	Part no.	Price Euro/unit
GDS011-551BY	**8310501A**	***

Industrial application areas:

- Part finishing
- Machining shapes or stamps
- Finishing castings, welding seams and workpieces

Technical data and parameters:

Type		GDS011-551BY
Part no.		8310501A
Version		with collet
Starter		pivoted
Speed (idling -10%)	min^{-1}	55 000
Max. grinding tool diameter	mm	10
Max. carbide cutter diameter	mm	3
Air consumption (idling ±10%)	lmin^{-1}	300[*1]
Power (-10%)	W	60
Weight (±10%)	kg	0.285
Compressed air hose	mm	4
Max. operating pressure	bar	6.3
Sound pressure level	dB	64.7[*5]
Sound pressure output	dB	75.7[*5]
Vibration	m/s^2	1.6[*3] (<2.5)

Measurement uncertainty:

*[*1] – value not accurate, only a comparison (measured value varies in the low range depending on the different measurement devices).*
*[*2] – 0.83 m/s^2*
*[*3] – 0.74 m/s^2*
*[*4] – 0,83 m/s^2*
*[*5] – 3 dB*

Dimension sheet: