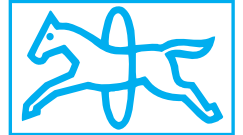


New Straight Air Grinder PGAS 1/750

For Fine Milling, Grinding and Engraving Work

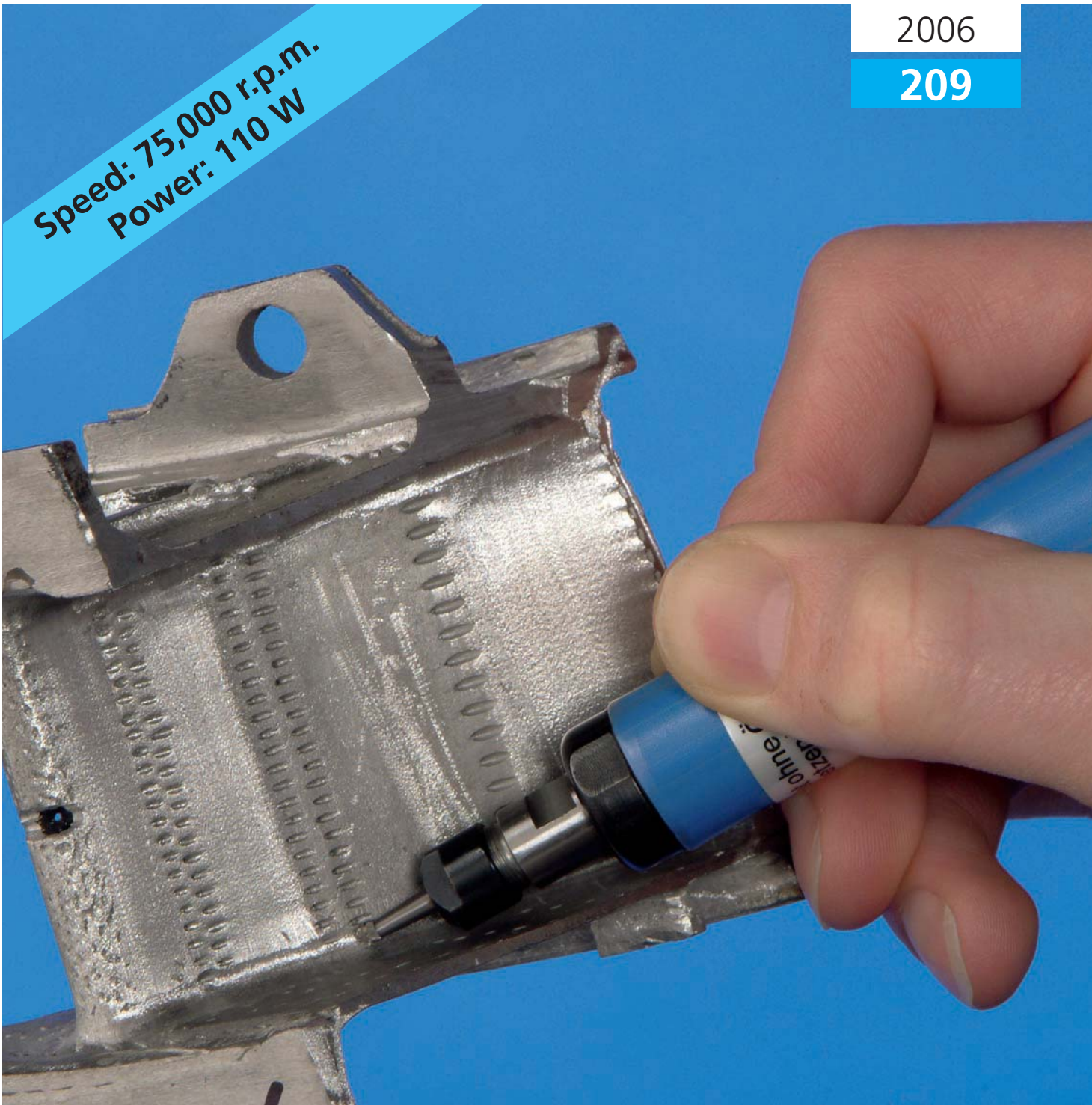
PFERD



2006

209

Speed: 75,000 r.p.m.
Power: 110 W



- High-speed grinder.
- Outstanding speed/power ratio.
- Built-in silencer for reduced noise emissions.
- Attractive price.

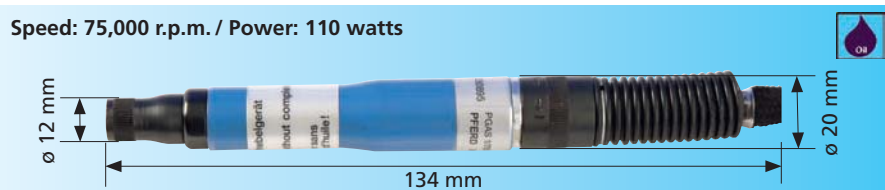
New Straight Air Grinder PGAS 1/750

Features, Recommendations for Use

209

Machine type

Speed: 75,000 r.p.m. / Power: 110 watts



Special features

- For fine milling, grinding and engraving work.
- Lightweight, easy to handle machine.
- Rear exhaust with silencer.
- Air consumption: 0.20 m³/min.
- Supplied with 3 mm collet.
- For 5 mm ID air supply hose.
- Comes with air supply and exhaust hose.

Order No.	EAN	Valve type			Price €
PGAS 1/750	4007220 507803	ring	1	0,150	318,00

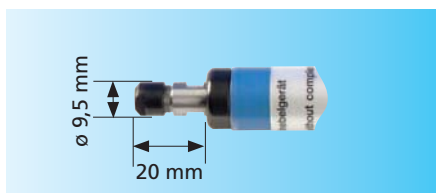
For best results we recommend the use of our **complete connecting set No. 1**.

EAN: 4007220351109, **Price: € 147.00** (please order separately).

Set comprises of 3 m air hose, 2 hose clamps, 1 quick-coupling (self-closing) with male thread, 1 oil mist generator (complete unit) and 1 litre of special lubricating oil.

Other collets

Order No.	EAN	for shank dia.	Price €
91491301	196342	2,34 mm	29,20
91491302	196359	3,0 mm	29,20
91491307	196373	3,32"	29,20
91491303	196366	1,8"	29,20



The black protective sleeve can be removed for work in difficult-to-reach areas.



Use only with oil!

Recommendations for use

Materials which can be machined are colour-coded as follows:

- = Steel including cast steel grades
- = Non-ferrous metals
- = Plastics
- = Glass / ceramics
- = High-grade and stainless steels
- = Cast iron
- = Hard metals

Catalogue	Tool dimensions	Suitable tools for PGAS 1/750											
202	Pages 5 - 7 Tungsten carbide burrs Shank dia.: 3 mm Head dia.: up to 3 mm Head length: up to 13 mm	Head shape	ZYA	ZYA-S	B	WRC	WKN	WKN-S	KUD	SKM	RBF	SPG	TRE
		Cut	3P, 4, 5	3P, 4, 5	5	3P, 4, 5	3P, 5	3P, 5	3P, 4, 5	3P, 4, 5	3P, 5	3P, 4, 5	3P, 5
203*	P. 7, 11-14, 16,18, 20-21, 32 Mounted points Shank dia.: 3 mm Head dia.: up to 6 mm Head length: up to 10 mm Heads can be individually profiled.	Hardness	M	O	H	I	T	J					
		Head shape	ZY	ZY	KU	WR	SP	ZY	ZY	ZY	SP	ZY	
204	Pages 62,65-68 Poliflex® fine-grinding points Shank dia.: 3 mm	Bond types	GR	GHR	LR	TX	LHR						
		Head shape	ZY	ZY	ZY	ZY	KU	ZY					
		Head dia.:	≤ 4 mm	≤ 6 mm	≤ 6 mm	≤ 6 mm	≤ 6 mm	≤ 8 mm					
205	Pages 17, 19-24 Diamond grinding points Shank dia.: 3 mm Head dia.: up to 3,5 mm CBN grinding points Shank dia.: 3 mm Head dia.: up to 4 mm	Abrasive grain	Diamond					CBN					
		Head shape	ZY	KU-A	SPG	KT	KU	ZY	KU-A	SPG			

For detailed ordering data please refer to the catalogues depicted above as appearing in our Tool Manual 2005.

*Catalogue 203: These data apply to a free shank length of 10 mm and the stated max. head length.

For other dimensions refer to EN 12413.