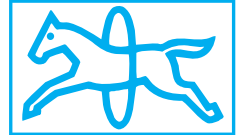


## New Straight Air Grinder PGAS 1/750

For Fine Milling, Grinding and Engraving Work

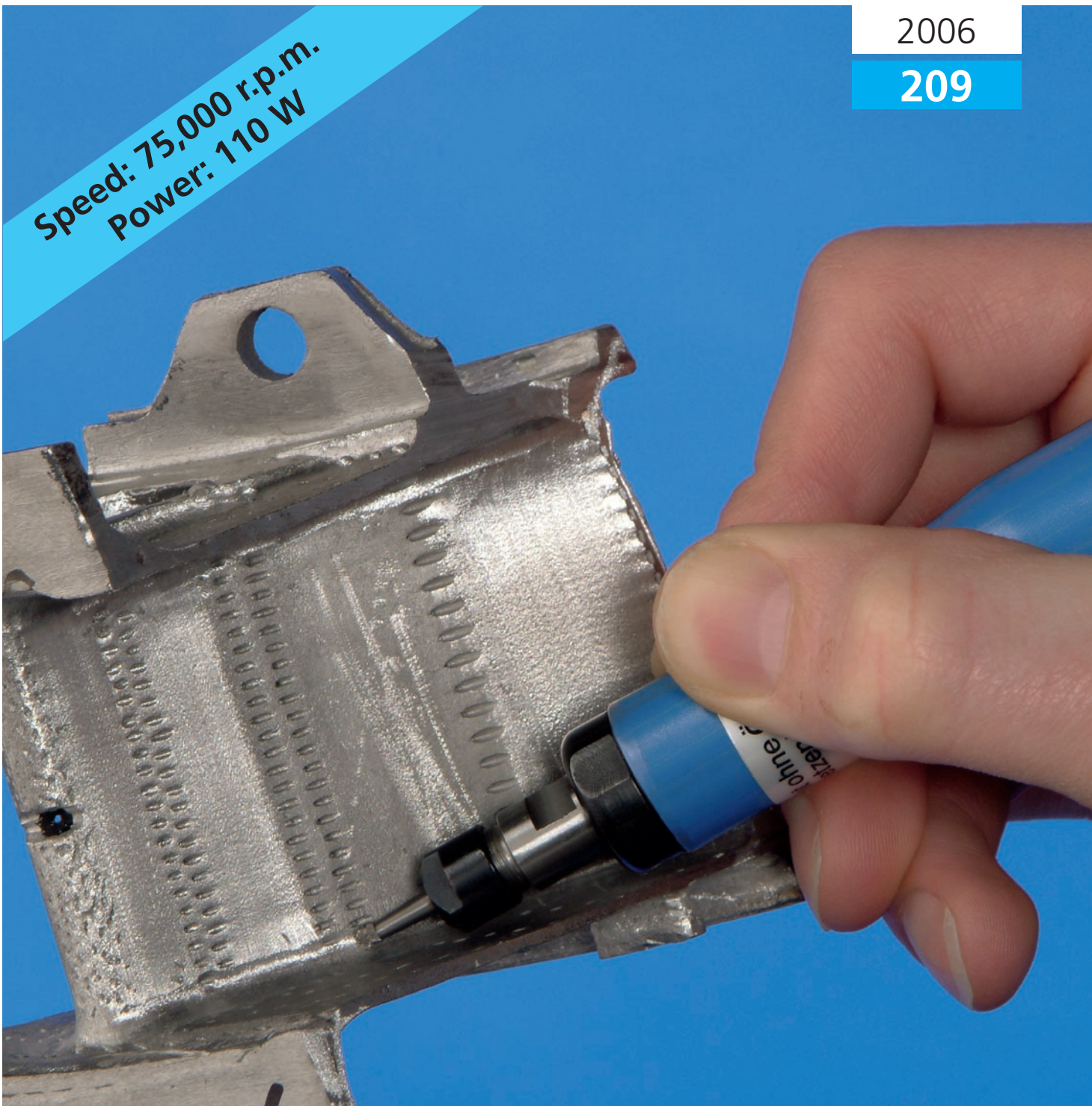
**PFERD**



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.

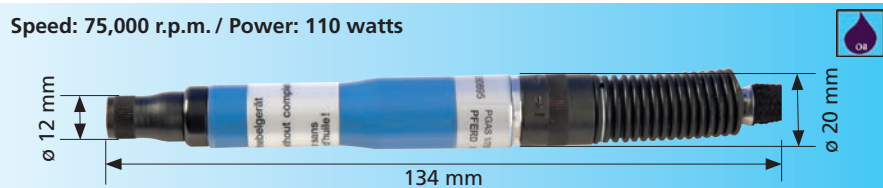
# New Straight Air Grinder PGAS 1/750

## 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 m<sup>3</sup>/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).

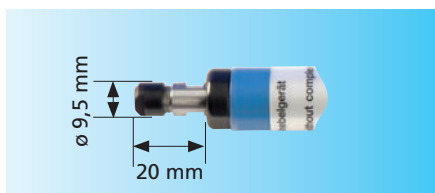
Set comprises of 3 m air hose, 2 hose clamps, 1 quick-coupling (self-closing) with male thread, 1 oil mist generator (complete unit) and 1 litre of special lubricating oil.

### 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



Use only with oil!



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

### 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 <b>Tungsten carbide burs</b> 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 <b>Mounted points</b> 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 <b>Poliflex® fine-grinding points</b> 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 <b>Diamond grinding points</b> Shank dia.: 3 mm Head dia.: up to 3,5 mm  <b>CBN grinding points</b> Shank dia.: 3 mm Head dia.: up to 4 mm	Abrasive grain	Diamond	Diamond	CBN	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.