

**Newsletter No. CZ 3 – 5.9.2008**

**To:** All International Partners  
**Pages:** 6  
**Attachments:** 1 Excel file containing our newest prices

*Dear DEPRAG-INDUSTRIAL Associate,*

We take the opportunity to inform you about new products that were added to our product line. Detailed technical information and pictures, as well as a catalog in PDF-format can be found on our website [www.depragindustrial.com](http://www.depragindustrial.com).

**Content:**

- **Pneumatic Turbine Die Grinders - Models GDST 050-550 BX(Y)O**
- **Pneumatic Die Grinders**  
**Models GDS 050 - ...BX(F)I, BY(F)I, SX(F)I, SY(F)I, VXI, VYI, WXI, WYI**
- **Pneumatic Angle Polisher - Model PA 070-060 BYI**

**Pneumatic Turbine Die Grinders**  
**GDST 050-550 BXO, GDST 050-550 BYO**

Model No.	Part No.
GDST 050-550 BXO	6061040A
GDST 050-550 BYO	6061041A

**Product Details:**

Collets are equipped with a retainer nut for a superior clamping force. The turbine grinders do not replace the standard grinder series GDS 050; however, they do offer additional choices in this speed range (from 50,000 to 60,000 rpm). The turbine technology equipped grinders are especially well suited for metal- and plastic fabrications. This grinder series does not incorporate an automatic brake. To quickly stop operation, simply press the abrasive onto the fabricated material.

**Advantages:**

- No lubrication required
- Increased motor longevity – no wear parts to replace in motor (such as vanes)
- Due to the high speed, this grinder series is especially well-suited for the use with high-tech grinding inserts
- Low air-consumption at speed without load. Instantaneous regulator response to increased load
- Low weight and low noise level

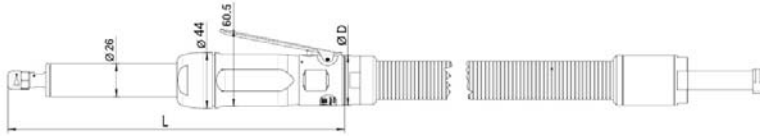
**These grinders are standard products, delivery date on request.**  
**Official date of sale: October 1st, 2008.**

## Specifications

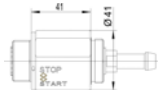
Safety Lever Twist Valve		GDST 050-550 BXO GDST 050-550 BYO
Speed (no load)	min <sup>-1</sup> (rpm)	55 000
Max. power output	kW (hp)	0,5 (.67)
Air consumption (no load/load)	m <sup>3</sup> .min <sup>-1</sup> (cfm)	0,13 / 0,74 (4.59 / 26.13)
Weight of tool	kg (lbs)	0,8 (1.76#)
Noise level	dB(A)	70
Max. Ø of grinding tip	mm (in)	16 (21/32") For radial speed >46m/s
Max. Ø of grinding insert	mm (in)	12,5 (1/2")
Required hose I.D.	mm (in)	10 (13/32")
Length of supply/exhaust hose	m (in)	2 / 1 (78.7 / 39.4)
Dimensions Ø DxL	mm (in)	39,5x259 / 41x265 (1.55x10.19/1.61x10.43)

Specifications at 90 psi (6,3 bar)

## Safety Lever



## Twist Valve



GDST 050-550 BXO



GDST GDST 050-550 BYO

## Pneumatic Die Grinders

**Models GDS 050 - ...BX(F)I, BY(F)I, SX(F)I, SY(F)I, VXI, VYI, WXI, WYI**

Model No.	Part No.
GDS 050-120BXI	6061007A
GDS 050-200BXI	6060991A
GDS 050-250BXI	6060990A
GDS 050-300BXI	6060948A
GDS 050-120SXI	6061010A
GDS 050-200SXI	6061006A
GDS 050-250SXI	6061005A
GDS 050-300SXI	6060996A
GDS 050-120VXI	6061008A
GDS 050-200VXI	6061002A
GDS 050-250VXI	6061001A
GDS 050-300VXI	6060997A
GDS 050-120WXI	6061009A
GDS 050-200WXI	6061004A
GDS 050-250WXI	6061003A
GDS 050-300WXI	6060998A
GDS 050-120BYI	6061015A
GDS 050-200BYI	6061014A
GDS 050-250BYI	6061013A
GDS 050-300BYI	6061012A
GDS 050-120SYI	6061027A
GDS 050-200SYI	6061026A
GDS 050-250SYI	6061025A
GDS 050-300SYI	6061024A
GDS 050-120VYI	6061019A
GDS 050-200VYI	6061018A
GDS 050-250VYI	6061017A
GDS 050-300VYI	6061016A
GDS 050-120WYI	6061023A
GDS 050-200WYI	6061022A
GDS 050-250WYI	6061021A
GDS 050-300WYI	6061020A



**These grinders are standard products DEPRAG INDUSTRIAL.**

**These grinders are not standard products, delivery date on request.**

**Official date of sale: October 1st, 2008.**

The Deprag-Industrial product line has been expanded to include a new, basic or short die grinders series with frontal exhaust (partial).

Model No.	Part No.
GDS 050-200SXFI	6061045A
GDS 050-200BXFI	6061046A
GDS 050-200BYFI	6061095A
GDS 050-200SYFI	6061096A

The specifications are identical to GDS 050-200SXI, BXI, BYI, SYI.

## Product Details:

Air-operated grinders with collets, having a model number GDS 50, are suited for the manual radial- and lateral grinding with grinding-wheels. The grinders can also be used with carbide grinding inserts. The maximum allowable speed of the grinding wheels and grinding inserts is shown in the technical data of each individual grinder.

These grinders are generally used for the treatment of forms, dies, and punches; and to finish different type of cast iron, welding-, or work surface. They can also be used for the treatment of metals, alloys, plastics, and hard rubber.

## Advantages:

Collets are equipped with special nut for superior clamping force

Safety pin protects against the release of lever while in operation

Dual insulated housing

New air connection that prevents the involuntary detachment of exhaust hose

## Specifications – Safety Lever

Basic Design B			GDS 050-120BXI	GDS 050-200 BXI	GDS 050-250BXI	GDS 050-300BXI
Speed (no load)	min <sup>-1</sup>	(rpm)	12 000	20 000	25 000	30 000
Max. power output	kW	(hp)	0,5 (.67)	0,5 (.67)	0,5 (.67)	0,5 (.67)
Air consumption (no load/load)	m <sup>3</sup> .min <sup>-1</sup>	(cfm)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)
Weight of tool	kg	(lbs)	0,9 (#1.98)	0,9 (#1.98)	0,9 (#1.98)	0,9 (#1.98)
Noise level	dB(A)		73,0	81,8	79,6	81,7
Max. Ø of grinding tip	mm	(in)	32 (1-1/4")	32 (1-1/4")	32 (1-1/4")	32 (1-1/4")
Max. Ø of grinding insert	mm	(in)	16 (5/8")	16 (5/8")	16 (5/8")	16 (5/8")
Required hose I.D.	mm	(in)	10 (13/32")	10 (13/32")	10 (13/32")	10 (13/32")
Length of supply/exhaust hose	m	(in)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)
Dimensions Ø DxL	mm	(in)	39,5x284 (1.6x11.2)	39,5x284 (1.6x11.2)	39,5x284 (1.6x11.2)	39,5x284 (1.6x11.2)

Specifications at 90 psi (6,3 bar)

## Specifications – Twist Valve

Basic Design B			GDS 050-120BYI	GDS 050-200 BYI	GDS 050-250BYI	GDS 050-300BYI
Speed (no load)	min <sup>-1</sup>	(rpm)	12 000	20 000	25 000	30 000
Max. power output	kW	(hp)	0,5 (.67)	0,5 (.67)	0,5 (.67)	0,5 (.67)
Air consumption (no load/load)	m <sup>3</sup> .min <sup>-1</sup>	(cfm)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)
Weight of tool	kg	(lbs)	0,9 (#1.98)	0,9 (#1.98)	0,9 (#1.98)	0,9 (#1.98)
Noise level	dB(A)		73,0	81,8	79,6	81,7
Max. Ø of grinding tip	mm	(in)	32 (1-1/4")	32 (1-1/4")	32 (1-1/4")	32 (1-1/4")
Max. Ø of grinding insert	mm	(in)	16 (5/8")	16 (5/8")	16 (5/8")	16 (5/8")
Required hose I.D.	mm	(in)	10 (13/32")	10 (13/32")	10 (13/32")	10 (13/32")
Length of supply/exhaust hose	m	(in)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)
Dimensions Ø DxL	mm	(in)	39,5x291 (1.6x11.5)	39,5x291 (1.6x11.5)	39,5x291 (1.6x11.5)	39,5x291 (1.6x11.5)

Specifications at 90 psi (6,3 bar)

## Specifications – Safety Lever and Twist Valve

Slender Design V			GDS 050-120VXI	GDS 050-200VXI	GDS 050-250VXI	GDS 050-300VXI
Short Design S			GDS 050-120SXI	GDS 050-200SXI	GDS 050-250SXI	GDS 050-300SXI
			GDS 050-120VYI	GDS 050-200VYI	GDS 050-250VYI	GDS 050-300VYI
			GDS 050-120SYI	GDS 050-200SYI	GDS 050-250SYI	GDS 050-300SYI
Speed (no load)	min <sup>-1</sup>	(rpm)	12 000	20 000	25 000	30 000
Max. power output	kW	(hp)	0,5 (.67)	0,5 (.67)	0,5 (.67)	0,5 (.67)
Air consumption (no load/load)	m <sup>3</sup> .min <sup>-1</sup>	(cfm)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)
Weight of tool (V)	kg	(lbs)	0,8 (# 1.76)	0,8 (# 1.76)	0,8 (# 1.76)	0,8 (# 1.76)
Weight of tool (S)	kg	(lbs)	0,65 (#1.43)	0,65 (#1.43)	0,65 (#1.43)	0,65 (#1.43)
Noise level (V)	dB(A)		75,4	84,2	82,0	84,1
Noise level (S)	dB(A)		73,4	82,2	80,0	82,1
Max. Ø of grinding tip	mm	(in)	32 (1-1/4")	32 (1-1/4")	32 (1-1/4")	32 (1-1/4")
Max. Ø of grinding insert	mm	(in)	16 (5/8")	16 (5/8")	16 (5/8")	16 (5/8")
Required hose I.D.	mm	(in)	10 (13/32")	10 (13/32")	10 (13/32")	10 (13/32")
Length of supply/exhaust hose	m	(in)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)

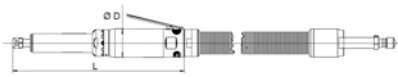
Dimensions Ø DxL (VX/VY) mm	39,5x284/39,5x291 (1.6x11.1/11.5)	39,5x284/39,5x291 (1.6x11.1/11.5)	39,5x284/39,5x291 (1.6x11.1/11.5)	39,5x284/39,5x291 (1.6x11.1/11.5)
Dimensions Ø DxL (SX/SY) (in)	39,5x191/39,5x197 (1.6x7.5/7.8)	39,5x191/39,5x197 (1.6x7.5/7.8)	39,5x191/39,5x197 (1.6x7.5/7.8)	39,5x191/39,5x197 (1.6x7.5/7.8)

Specifications at 90 psi (6,3 bar)

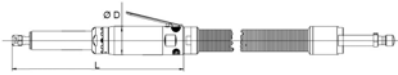
### Specifications – Extension Design W

Safety Lever Twist Valve		GDS 050-120WXI GDS 050-120WYI	GDS 050-2000WXI GDS 050-200WYI	GDS 050-250WXI GDS 050-250WYI	GDS 050-300WXI GDS 050-300WYI
Speed (no load)	min <sup>-1</sup> (rpm)	12 000	20 000	25 000	30 000
Max. power output	kW (hp)	0,5 (.67)	0,5 (.67)	0,5 (.67)	0,5 (.67)
Air consumption (no load/load)	m <sup>3</sup> .min <sup>-1</sup> (cfm)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)	0,8 / 0,9 (28.3/31.8)
Weight of tool	kg (lbs)	0,95 (#2.09)	0,95 (#2.09)	0,95 (#2.09)	0,95 (#2.09)
Noise level	dB(A)	78,7	83,6	81,4	83,5
Max. Ø of grinding tip	mm (in)	32 (1-1/4")	32 (1-1/4")	32 (1-1/4")	32 (1-1/4")
Max. Ø of grinding insert	mm (in)	16 (5/8")	16 (5/8")	16 (5/8")	16 (5/8")
Required hose I.D.	mm (in)	10 (13/32")	10 (13/32")	10 (13/32")	10 (13/32")
Length of supply/exhaust hose	m (in)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)	2 / 1 (78.7/39.4)
Dimensions Ø DxL (Safety lever)	mm	39,5x368 (1.6x14.5)	39,5x368 (1.6x14.5)	39,5x368 (1.6x14.5)	39,5x368 (1.6x14.5)
Dimensions Ø DxL (Twist valve)	(in)	39,5x375 (1.6x14.8)	39,5x375 (1.6x14.8)	39,5x375 (1.6x14.8)	39,5x375 (1.6x14.8)

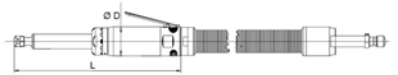
Specifications at 90 psi (6,3 bar)



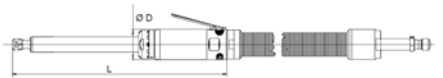
**Basic Design B**



**Basic Design  
Frontal Exhaust B.F**



**Slender Design V**



**Extension Design W**



**Short Design S**



**Short Design  
Frontal Exhaust S.F**

Short Design S

Basic Design B

Slender Design V

Extension Design W



# Pneumatic Angle Polishers

## PA 070-060 BYI, PA 100-050 BYI

Model No.	Part No.
PA 070-060 BYI	6061047A

### Product Details:

Pneumatic angle polisher - model PA 070-060 BYI is suited for processing of various material by vulcan-fibre disks. PA 070 is generally used for fine processing and polishing of castings, forms and dies. They can also be used for brushing-off the old paintings or car bodies after-welding polishing.

Advantages when compared to PLP 180C-63Y: higher power, housing made from temperature insensitive material.

Simple speed-adjustment of the regulator. Lower air consumption and lower weight than PLP 180A(B). Reduced grip diameter.

**Pneumatic angle polishers PA 070 are standard products DEPRAG INDUSTRIAL.**  
**Official date of sale: October 1st, 2008.**

On request we can offer this pneumatic polisher:

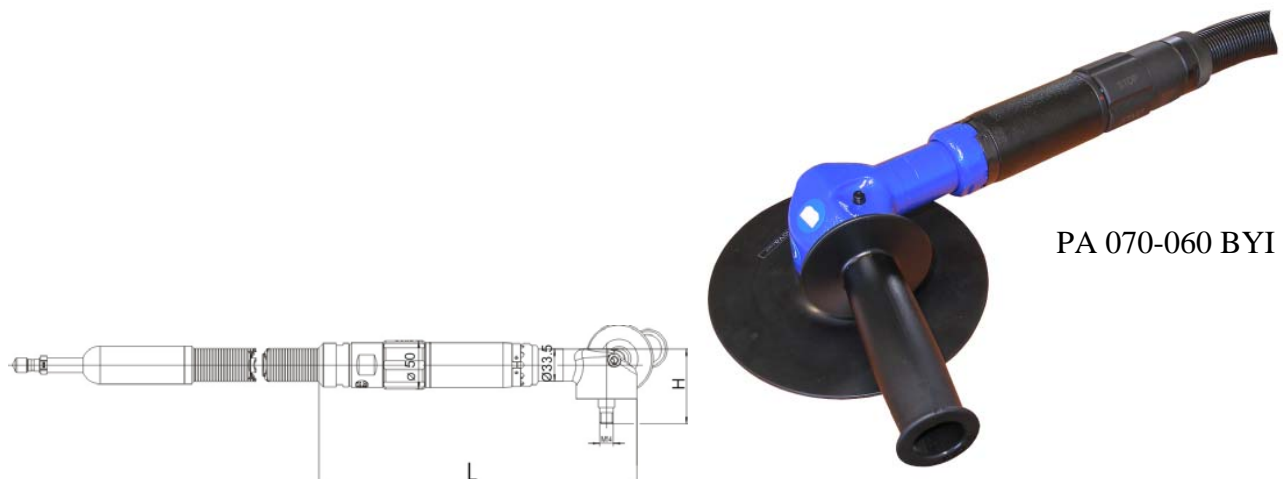
PA 100-050 BYI	Part No.: 6061048A
----------------	--------------------

(Speed-no load 5000 min<sup>-1</sup>; max. power output 1,0 kW (1.34 HP); max. Ø of fibre disk 180 mm (7"); dimensions 353x78mm)

### Specifications

Model			PA 070-060 BYI
Speed (no load)	min <sup>-1</sup>	(rpm)	6 000
Max. power output	kW	(hp)	0,70 (.94)
Air consumption (no load/load)	m <sup>3</sup> .min <sup>-1</sup>	(cfm)	0,60 / 0,75 (21.18/26.48)
Weight of tool	kg	(lbs)	2,0 (#4.4)
Noise level	dB(A)		90,0
Max. Ø of fibre disk	mm	(in)	180 (7")
Required hose I.D.	mm (in)		10
Length of supply/exhaust hose	m (in)		2 / 1
Dimensions Ø DxL	mm (in)		

Specifications at 90 psi (6,3 bar)



PA 070-060 BYI