



Screwdriving technology

Automation

Air motors

Air tools

**Tools for Polishing and Grinding**

## Polishers

- effective
- high power output - low weight
- ergonomic
- long lifespan

Our polishers are designed to perform best on heavy duty, industrial applications. The robust construction of our tools assures an extended logevity - even when used in 24/7 operations.

Whether a tool is needed for a fine-precision polishing or for the heavy-duty de-rusting of metal, for the removal of paint layers, or even the coarse grinding of cast-iron or wood using fiber disks, the economic, effective, and ergonomic operation of our polishers guarantee a long lifespan.



PLU 50A-55 ZK

PA 025-036 SX

PA 070-060 BYI

PLU 180D-80X

PAT 220-085 BX  
*Turbine Polisher*

PS 045-034 BXT

PLUE 125/150



## Pneumatic Polishers for Industrial Applications - Even When Used in 24/7 Operations

### Effective

The operating speed of our polishers is coordinated to optimize its operation. Because of the regulated no-load speed, we achieve a particularly low air consumption, which in turn reduces wear and tear. Our DEPRAG INDUSTRIAL polishers work efficiently.

### High Power - Low Weight

Our polishers feature an unsurpassed compact design while simultaneously achieving an outstanding performance.

### Ergonomic

The balanced, low-vibration polishers are easy to operate and they emit an exceptionally low noise level. The ergonomic grip allows a fatigue-free operation even when used over a long time period.

### Long Lifespan

Our polishers are designed to perform best on heavy duty, industrial applications. The robust construction of our tools assures an extended longevity - even when used in 24/7 operations.



Our broad spectrum includes a polisher with turbine technology.



PAT 220-085 BX

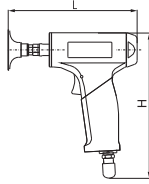
#### Advantages:

- Oil-free and maintenance-free operation; exchange of vane is not needed. Turbine motor does not require airline lubrication.
- High material removal rate reduces operational duration at increased productivity
- Optimal power to weight ratio, low air consumption
- Perfect handling by means of an anti-vibration side handle and ergonomic shape, change-over to left-handed operation possible.
- High operating safety - machine automatically shuts-off at overload - machine incorporates a safety lever and an integrated contact-protection that avoids the inadvertent contact of the grinding disk by the operator and eliminates any subsequent injury.
- Simple oil-change utilizing the integrated oil-drain plug; no disassembly of tool needed
- Spindle-lock at the push of a button; a keyless fiber wheel/disk replacement possible

Technical specifications can you find in this catalogue on page 5.

## SPECIFICATIONS - POLISHERS - WITH PISTOL-GRIP

### Polishers with Pistol-Grip and Speed Regulator



PLU 50A-55ZK  
PLU 50B-45ZK  
PLU 50C-40ZK  
PLU 75A-70ZK

Polisher	Model	PLU 50A-55ZK	PLU 50B-45ZK	PLU 50C-40ZK	PLU 75A-70ZK
Push Button	Part No.	6060670A	6060671A *)	830499 A	830499 B
Speed (no load)	min <sup>-1</sup> (rpm)	21 000	17 800	15 000	17 800
Max. power output	kW (hp)	0,45 (.60)	0,45 (.60)	0,45 (.60)	0,45 (.60)
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,45 (15.9)	0,45 (15.9)	0,45 (15.9)	0,45 (15.9)
Air consumption (load)	m <sup>3</sup> /min (cfm)	0,65 (20.9)	0,65 (20.9)	0,65 (20.9)	0,65 (20.9)
I.D. of air inlet hose	mm (in)	10 (3/8")	10 (3/8")	10 (3/8")	10 (3/8")
Max. Ø of support disk	mm (in)	50 (2")	50 (2")	50 (2")	75 (3")
Max. Ø of grinding tip	mm (in)	35 (1-3/8")	35 (1-3/8")	35 (1-3/8")	-
Max. Ø of grinding insert	mm (in)	9,5 (5/16")	-	-	-
Max. allowable speed of support disk	m/s (ft/s)	55 (180.4)	45 (147.6)	40 (131.2)	70 (229.6)
Max. allowable speed of grinding insert	m/s (ft/s)	45 (147.6)	-	-	-
Spindle thread	mm (in)	M12x1	M12x1	M12x1	M12x1
Weight	kg (lbs)	0,8 (1.65)	0,8 (1.65)	0,8 (1.65)	0,8 (1.65)
Dimensions LxH	mm (in)	160x178 (6x7)	208x178 (8x7)	158x178 (6x7)	160x178 (6x7)
Air connection		G 1/4"	G 1/4"	G 1/4"	G 1/4"

Specifications at 90 psi (6,3 bar)

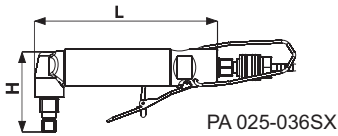
\*) With spindle extension W 1/4" for polishing in heavily open place

Standard Equipment:	Part Number			
Collet Ø 6 mm	827910	-	-	827910
Collet Ø 8 mm	-	830704	-	-
Collet Ø 1/4"	-	-	830653	-
Socket 12 mm	800403	800403	800403	800403
Socket 14 mm	800410	800410	-	800410
Wrench 6/9 mm	-	-	830649	-
Spindle extension	-	6013096	-	-
Connector R 1/4" 25 KA	830689	830689	830689	830689

Optional Accessories:	Part Number			
Wrench	830701	830701	830701	830701
Collet Ø 3 mm	-	-	830650	-
Collet Ø 4mm	-	-	830702	-
Collet Ø 5 mm	-	-	830703	-
Collet Ø 6 mm	Standard Equipment	827910	830648	Standard Equipment
Collet Ø 8 mm	830704	Standard Equipment	-	830704
Collet Ø 9 mm	6014291	6014291	-	6014291
Collet Ø 1/8"	-	-	830651	-
Collet Ø 3/16"	6014287	6014287	830652	6014287
Collet Ø 1/4"	830705	830705	Standard Equipment	830705
Collet Ø 5/16"	830706	830706	-	830706
Extended spindle	-	-	830709	-

## SPECIFICATIONS - ANGLE POLISHERS


Polishers - with Angle Head 90° and with Gear  
For Optimal Work-Speeds and the Best Polishing



Polisher Safety Lever	Model Part No.	PA 025-036 SX 3149172B	PA 025-021 SX 3149172C	PA 025-011 SX 3149172D	PA 035-036 SX 3149181B	PA 035-022 SX 3149181C
Rubber support disk-Ø	mm (in)	120 (4.72)	120 (4.72)	120 (4.72)	120 (4.72)	120 (4.72)
Speed (no load)	min <sup>-1</sup> (rpm)	3 600	2 100	1 100	3 600	2 200
Max. power output	kW (hp)	0,25 (.34)	0,25 (.34)	0,25 (.34)	0,35 (.47)	0,35 (.47)
Air consumption	m <sup>3</sup> /min (cfm)	0,35 (12.4)	0,35 12.4)	0,35 12.4)	0,47 12.4)	0,47 12.4)
Weight	kg (lbs)	0,9 (1.98)	0,9 (1.98)	1,0 (2.2)	1,0 (2.2)	1,0 (2.2)
Spindle thread		M14	M14	M14	M14	M14
I.D. of air inlet hose	mm (in)	6 (15/64")	6 (15/64")	6 (15/64")	10 (25/64")	10 (25/64")
Dimensions LxH	mm (in)	189x67 (7.4x2.6)	189x67 (7.4x2.6)	205x67 (8.1x2.6)	200x67 (7.9x2x6)	200x67 (7.9x2x6)
Air connection		G 1/4"a	G 1/4"a	G 1/4"a	G 1/4"a	G 1/4"a

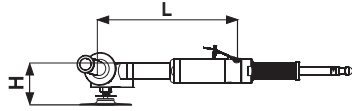
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part-Number				
Quick connect coupler	804251	804251	804251	804252	804252
Plug	323214	323214	323214	323214	323214
Socket 14 mm	800410	800410	800410	800410	800410

Optional Accessories:	Part-Number	
Rubber support disk Ø 120 mm (with flange nut 805187)	6075042	
		
Pin wrench	805080	
Fiber disk Ø 127 (for rubber support disk)		
Grain	16	805800
	24	805799
	30	805802
	40	805803
	50	805804
	60	805805
	80	805806
	100	805807
	120	805808
Pressure hose (2m), exhaust hose (0,75 m)	313179 A (for PA 025-...)	
	313179 B (for PA 035-...)	

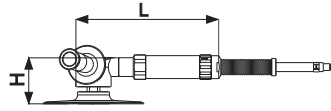
## SPECIFICATIONS - ANGLE POLISHERS

### Angle Polishers - with Speed Regular



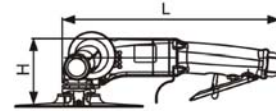
PLP 180A (B) -40X

- Polisher Design:**  
 - with extension spindle (design A)  
 - without extension spindle (design B)



PA 070-060 BYI

- Double Insulated Housing



PAT 220-085 BX

- Turbine Polisher - turbine motor does not require airline lubrication  
 - Safety Lever

Polisher	Model	PLP 180A-40X	PLP 180B-40X	-	PAT 220-085 BX
Safety Lever	Part No.	6060663A	826716 A		Turbine Polisher 310115 A
<b>Polisher</b>	<b>Model</b>	-	-	<b>PA 070-060 BYI</b>	-
Twist Valve	Part No.			6061047A	
Speed (no load)	min <sup>-1</sup> (rpm)	4 000	4 000	6 000	8 500
Max. power output	kW (hp)	0,70 (.94)	0,70 (.94)	0,70 (.94)	2,2 (2,95)
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,45 (15.9)	0,45 (15.9)	0,60 (21.2)	0,70 (24,7)
Air consumption (load)	m <sup>3</sup> /min (cfm)	0,85 (30.0)	0,85 (30.0)	0,75 (26.5)	1,8 (63.6)
I.D. of air inlet hose	mm (in)	10 (3/8")	10 (3/8")	10 (3/8")	13 (1/2")
Max. Ø of vulcan fiber disk	mm (in)	180 (7")	180 (7")	180 (7")	180 (7")
Max. Ø of support disk	mm (in)	-	-	-	180 (7")
Max. allowable speed	m/s (ft/s)	40 (131.2)	40 (131.2)	60 (196.9)	80 (262.4)
Weight	kg lbs	2,4 (5.28)	2,2 (4.8)	2,0 (4.4)	2,0 (4.4)
Length of supply / exhaust hose	m	2 / 1	2 / 1	2 / 1	-
Dimensions LxH	mm (in)	330x78 (13.0x3.1)	238x78 (9.4x3.1)	330x78 (13.0x3.1)	295x93 (11.6x3.7)
Spindle thread		-	-	-	M14
Air connection		Nipple	Nipple	Nipple	G 1/2"

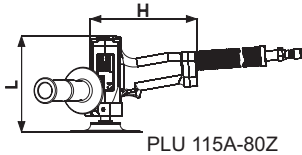
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number			
Pin wrench	828832	828832	828832	828832
Rubber support disk Ø 180 mm	830699	830699	830699	830699

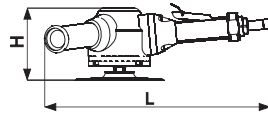
Optional Accessories:	Part Number	
Rubber support disk (with flange nut), Ø 180 mm	830699	
Fiber disk (for rubber support disk)	Grain 16	805818
	24	805819
	30	805820
	40	805821
	50	805822
	60	805823
	80	805824
	100	805825
	120	805826

## SPECIFICATIONS - ANGLE POLISERS

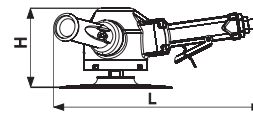
### Angle Polishers - with Speed Regulator



PLU 115A-80Z



PLU 180D-80X



PLU 180E-80X

Polisher	Model	PLU 115A-80Z	-	-
Trigger Start	Part No.	826313 A	-	-
Polisher	Model	-	PLU 180D-80X	PLU 180E-80X
Lever - top / bottom	Part No.	-	826314 A	830499 C
Speed (no load)	min <sup>-1</sup> (rpm)	13 200	8 500	8 500
Max. power output	kW (hp)	0,46 (.62)	1,20 (1.61)	1,20 (1.61)
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,42 (14.8)	0,70 (24.7)	0,70 (24.7)
Air consumption (load)	m <sup>3</sup> /min (cfm)	0,80 (28.3)	1,50 (53.0)	1,50 (53.0)
I.D. of air inlet hose	mm (in)	10 (3/8")	13 (1/2")	13 (1/2")
Max. Ø of vulcan fiber disk	mm (in)	115 (4-1/2")	180 (7")	180 (7")
Max. allowable speed	m/s (ft/s)	80	80	80
Weight	kg (lbs)	1,4 (2.9)	3,1 (6.8)	2,7 (5.94)
Length of supply / exhaust hose	m	2 / 1	-	-
Dimensions LxH	mm (in)	238x150 (9.4x5.9)	434x120 (17.1x120)	425x125 (16.7x4.9)
Air connection		Nipple	Nozzle	G 1/2"

Specifications at 90 psi (6,3 bar)

#### Standard Equipment:

	Part Number		
Pin wrench	828832	828832	828832
Socket (hex) 5 mm	800448	-	-
Socket (hex) 6 mm	800449	800449	800449
Support disc Ø 115 mm	827713	-	-
Support disc Ø 180 mm	-	830699	830699
Sleeve	830700	-	-
Fiber disk Ø 115 mm	830698	-	-

#### Optional Accessories:

	Part Number		
Fiber disk Ø 178 (for rubber support disk)			
Grain 16	-	805818	805818
24	-	805819	805819
30	-	805820	805820
40	-	805821	805821
50	-	805822	805822
60	-	805823	805823
80	-	805824	805824
100	-	805825	805825
120	-	805826	805826
Flange	-	-	830710
Flange	-	-	830711
Support disk Ø 180 mm	-	-	830707 *)

\*) A rubber support disk can only be used in combination with the appropriate flange - Part No. 830710 and tension nut Part No. 830711; the flange and nut must be ordered separately. Rubber support disks can easily be exchanged using the supplied socket - Part No. 800449 and the pin wrench - Part No. 828832.



Rubber support disk Ø 180 mm (with flange nut), Part-No. 830699

Necessary for the exchange: Socket 6 mm (Part-No. 800449) and pin wrench (Part-No. 828832).

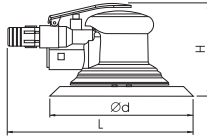


Rubber support disk Ø 180 mm Part-No. 830707

Necessary for the exchange: Socket 6 mm (Part-No. 800449) or pin wrench (Part-No. 828832).

## SPECIFICATIONS - EXCENTRIC POLISHER

Excentric Polisher - with Speed Regulator. Specially for Precision and Demanding Polishing in the Automotive Industry. This Polisher is Intended for the Use with Emery Wheels (with Velcro), Fabric Wheels and Polishing Wheels.



PLUE 125/150

Polisher	Model	PLUE 125/150	
Lever Valve	Part No.	828312 A	
Speed (no load)	min <sup>-1</sup> (rpm)	12 000	
Max. power output	kW (hp)	0,15	(.20)
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,25	(8.8)
Air consumption (load)	m <sup>3</sup> /min (cfm)	0,25	(8.8)
I.D. of air inlet hose	mm (in)	10	(3/8")
Ø of emery wheel - min. / max.	mm (in)	125 / 150	(5" / 6")
Max. allowable speed	m/s (ft/s)	80	(262.4)
Spindle thread	mm (in)	5/16"-24	
Weight	kg (lbs)	0,87	(1.9)
Dimensions Ø dxLxH	mm (in)	150x215x105	(8.9x8.5x4.1)
Air connection		G 1/4"	

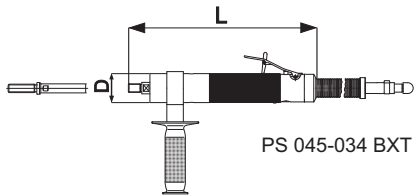
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number
Support disk Ø 125 mm	830629
Support disk Ø 150mm	6075107
Connector R 1/4"	830689
Wrench 17 mm	800405
Hose clamp	830690

Optional Accessories:	Part Number
Suction kit	830691
Quick-connect coupling 3/8" 25 KA	830692

## SPECIFICATIONS - STRAIGHT POLISHER

**Straight Polisher - with Speed Regulator. This Polisher is Designed for Processing of Various Material by Polishing Wheel, the Wheels are Threaded Directly to the Thread 5/8"-11 UNF.**



Polisher	Model	PS 045-034 BXT	
Safety Lever	Part No.	6060684A	
Speed (no load)	min <sup>-1</sup> (rpm)	3 400	
Max. power output	kW (hp)	0,45	(.6)
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,40	(14.1)
Air consumption (load)	m <sup>3</sup> /min (cfm)	0,60	(21.2)
I.D. of air inlet hose	mm (in)	10	(3/8")
Weight	kg (lbs)	1,5	(3.3)
Dimensions Ø DxL	mm (in)	43x405	(1.7x15.9)
Spindle thread		1/2"-20 UNF	
Air connection		Nipple	

Specifications at 90 psi (6,3 bar)

Optional Accessories:	Part Number
Socket 14 mm	800410
Extended spindle - 5/8"-11 UNC	6013230

# DEPRAG

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Specifications subject to change without prior notice