

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.

Program expansion DEPRAG INDUSTRIAL:

Straight Grinders – Model GS 510-230BX, GS 515-280BX, GS 818-210BX(E), GS 823-280BXE

Tools removed from DEPRAG INDUSTRIAL-Program (Hammers, Drills, Scalers, Industrial Vibrators, Polishers, Grinders)

Straight Grinders

Model GS 510-230BX, GS 515-280BX, GS 818-210BX(E), GS 823-280BXE

We are pleased to inform you that we are introducing our new Straight Grinders Model No. GS 510-230BX, GS 515-280BX (for flat grinding disks) and GS 818-210BX(E), GS 823-280BXE (for flex-grinding disks). The grinders are designed to perform best on heavy duty, industrial applications – even when used in 24/7 operations.

Model	Replacement for	Type of Grinding Disk	Part Number
GS 510-230BX	PBO 100MX	for Flat Grinding Disk	6061289A
GS 515-280BX	PBO 150MX	for Flat Grinding Disk	6061301A
GS 818-210BX	PBO 180NX	for Flex Grinding Disk	6061296A
GS 818-210BXE	PBO 180NX	for Flex Grinding Disk	6061296B
GS 823-280BXE	PBO 230MX	for Flex Grinding Disk	6061307B

Applications:

- machine building
- foundries
- grinding room
- automotive industry
- production of containers, railway carriages, construction etc.



Our air straight grinders are used with flat/flex grinding disks, wherever heavy-duty fabrication is required on steel and castings or when deburring welding-, casting-, and ridge-seams. It has never been easier to perform smooth or coarse grinding of steel & cast iron in foundries, or when polishing welding seams or when fabricating casted parts.

Our straight grinders can also be used with steel brushes for the removal of rust or when descaling rolled steel and forgings.

Advantages:

- optimal power-to-weight ratio, high power
- robust, ergonomic
- extremely durable
- easy to operate

Specifications:

Straight Grinders for Flat Grinding Disk-Ø 100 mm (5"), 150 mm (7")

Straight Grinders for Flat Grinding Disks	Model Part No.	GS 510-230BX 6061289A	GS 515-280BX 6061301A
Speed (no load)	min ⁻¹ (rpm)	9 500	6 400
Max. power output	kW (hp)	2,3 (3.08)	2,8 (3.75)
Air consumption (loaded)	m ³ /min (cfm)	2,2 (77.68)	2,4 (84.75)
Air consumption (no load)	m ³ /min (cfm)	0,7 (24.72)	0,8 (28.25)
I.D. of air inlet hose	mm (in)	16 (.63)	16 (.63)
Flat grinding disk – Ø outside	mm (in)	100 (4")	150 (6")
Flat grinding disk – Ø inside	mm (in)	20 (.79)	20 (.79)
Flat grinding disk – width	mm (in)	20÷25 (.79-98)	20÷25 (.79-98)
Max. allowable speed	m/s (ft/s)	50 (164)	50 (164)
Air connection		thread 1/2" female	thread 1/2" female
Vibration a _{hd}	m/s ²	2,44 (K:0,81)	1,26 (K:0,42)
Sound pressure level A, L _{pA}	dB(A)	84,8 (K:3)	87,3 (K:3)
Sound power level A, L _{wa}	dB(A)	95,8 (K:3)	98,3 (K:3)
Weight	kg (lbs)	4,0 (8.82)	5,4 (11.9)

Specifications at 90 psi (6,3 bar)

Straight Grinders for Flex Grinding Disk-Ø 180 mm (7"), 230 mm (9")

Straight Grinders for Flex Grinding Disks	Model Part No.	GS 818-210BXE* 6061296B	GS 818-210BX 6061296A	GS 823-280BXE* 6061307B
Speed (no load)	min ⁻¹ (rpm)	8 500	8 500	6 600
Max. power output	kW (hp)	2,1 (2.81)	2,1 (2.81)	2,8 (3.75)
Air consumption (loaded)	m ³ /min (cfm)	2,1 (74.2)	2,1 (74.2)	2,4 (84.75)
Air consumption (no load)	m ³ /min (cfm)	0,65 (23.0)	0,65 (23.0)	0,8 (28.25)
I.D. of air inlet hose	mm (in)	16 (.63)	16 (.63)	16 (.63)
Flex grinding disk – Ø outside	mm (in)	180 (7")	180 (7")	230 (9")
Flex grinding disk – Ø inside	mm (in)	22,23 (.84)	22,23 (.84)	22,23 (.84)
Flex grinding disk – clamping range	mm (in)	2,5-10 (.1-.39)	8-10 (.31-.39)	2,5-10 (.1-.39)
Max. allowable speed	m/s (ft/s)	80 (262.5)	80 (262.5)	80 (262.5)
Air connection		thread 1/2" female	thread 1/2" female	thread 1/2" female
Vibration a _{hd}	m/s ²	0,93 (K:0,31)	7,14 (K:2,36)	2,02 (K:0,67)
Sound pressure level A, L _{pA}	dB(A)	85,8 (K:3)	85,3 (K:3)	85,8 (K:3)
Sound power level A, L _{wa}	dB(A)	96,8 (K:3)	96,8 (K:3)	96,8 (K:3)
Weight	kg (lbs)	4,25 (9.37)	4,0 (8.82)	5,5 (12.1)

Specifications at 90 psi (6,3 bar)

*) With Autobalancer for reduced vibrations

Optional Accessories:

Set - Hose 4m, connection, Part No. 315130 A

Swivel connector, Part No. 6078628

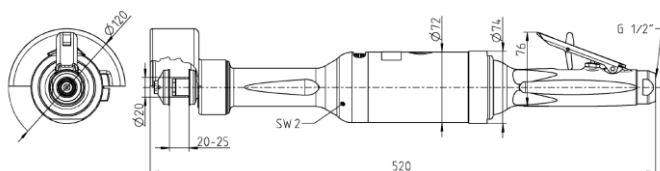
Hose Nozzle, turn-able, Part No. 6021377

Nipple, Part No. 6072227

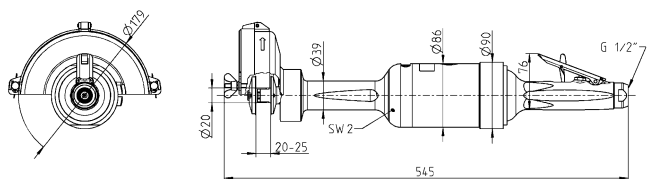


Specifications – dimensional-sketch (mm)

Straight Grinders for Flat Grinding Disks

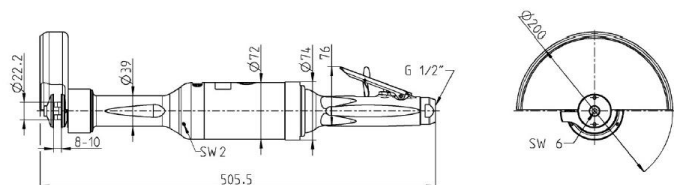


GS 510-230BX

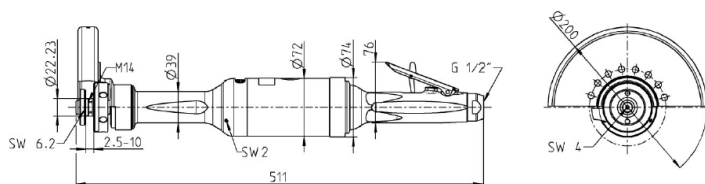


GS 515-280BX

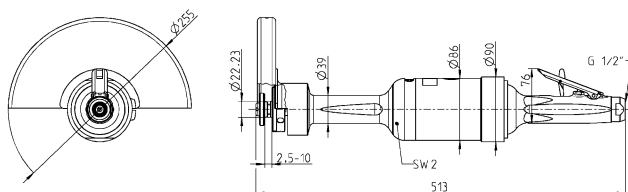
Straight Grinders for Flex Grinding Disks



GS 818-210BX



GS 818-210BXE



GS 823-280BXE

These straight grinders will be added to standard products of the DEPRAG INDUSTRIAL brand;

The following tools are removed from our product line, effective from May 1st, 2016.

Part Number	Model
Hammers	
2101911A	HC 008-R10K
2101911B	HC 008-HR12K
2101921A	HC 007-R10S
2101921B	HC 007-HR12S
2102281A	HCK 009-R10K
2102281B	HCK 009-HR12K
2102291A	HCK 009-R10S
2102291B	HCK 009-HR12S
2103431A	HC 010-R14K
2103431B	HC 010-HR14K
2103441A	HC 010-R14D
2103451A	HC 017-R14K
2103451B	HC 017-HR14K
8087111A	HD 130-H22B
8087121A	HD 170-H22B
8118001A	HD 034-HR19B
Straight Drills	
3011111A	DS 070-014ZB16
3021141A	DS 100-004YMK3
3021121A	DS 100-005YMK2
3021221B	DS 180-002YMK4
3021221A	DS 180-004YMK4
3021191A	DS 180-007YMK3
3009521A	DS 100-004YRMK3
3016801A	DS 100-005YRMK2
3017151B	DS 180-002YRMK4
3017151A	DS 180-004YRMK4
3007911A	DS 180-007YRMK3
3007781A	DS 310-005YRMK4
3021301B	DS 350-001YMK5
3021301A	DS 350-002YMK5
3021281A	DS 350-005YMK4

Part Number	Model
Angle Drills	
3029381B	DA 025-036SXB12
3029381C	DA 025-021SXB12
3029381D	DA 025-011SXB12
3029381E	DA 025-006SXB12
3148954B	DA 025-036SXC
3148954C	DA 025-021SXC
3148954D	DA 025-011SXC
3148954E	DA 025-006SXC
3014471C	DA 048-010YB16
3029471A	104-1257G
Scaler/Vibrator	
2203701A	AK 100
2201001A	V 36
Polishers	
3149181A	PA 035-120SX
3149181B	PA 035-036SX
3149181C	PA 035-022SX
3149182B	PA 035-036SX/S1
Grinders	
3150561A	GDS 025-045BX
3150511B	212-30DA-2
310100A	GAT 811-220BX
3148952A	282-0251-2
3149191D	282-031-2