

Triple Flexibility With Flexible Shafts



ROTOSTAR

NA 12 x 2000 DIN10/G28

Order Nr. 30 029 02

FSM (1:1)

BSG 10/35, 10/50

FH 12

WI 10 (1,3:1)

FH 10

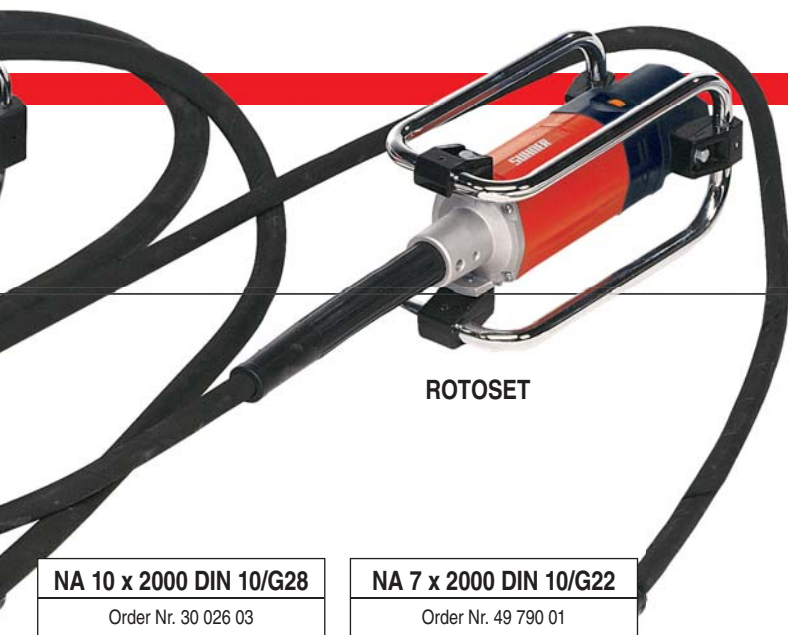
Advantages of Flexible Shaft Grinders/Polishers:

- The most versatile and unique range of grinders/polishers for all materials.
- Light weight tools with excellent power to weight ratio.
- Also suitable to work in hard-to-reach areas.
- Wide speed range.
- Constant speed.
- High stock removal rate.
- All models with rugged frame for portable or suspended use.
- Low noise levels.
- Reduced in-hand weight vs. hand tools.
- Quick change hand pieces.

Machines Type	Description	Order Nr.	Shaft mounting	Voltage V/50Hz	Power W	Weight kg
ROTOSTAR	Single phase Universal Motor with 3 speed gear box (3000, 6000 and 12000 rpm)	110 165	DIN 10	230	1700	10,000
ROTOSET 28	Single phase Universal motor, single speed (28000 rpm)	110 150	DIN 10	230	750	2,850
ROTOSET 25-R	Single phase Universal motor, variable speed control (12000 to 25000 rpm)	110 152	DIN 10	230	1000	2,850
MINIFIX 9-R	Single phase Universal motor, variable speed control (4000 to 9000 rpm)	110 202	DIN 10	230	500	1,650
MINIFIX 25-R	Single phase Universal motor, variable speed control (11000 to 25000 rpm)	110 163	DIN 10	230	500	1,650
MINIFIX 28	Single phase Universal motor, single speed (28000 rpm)	110 161	DIN 10	230	300	1,650

Machines Type	Description	Order Nr.	Shaft mounting	Voltage	Power	Weight kg
FSM (1:1)	Angle grinder for max. 12000, spindle M 14, Gear ratio 1:1	57 891 01	G28	-	-	1,245
BSG 10/35	Belt grinder (max speed 7000 rpm) BSGB Belt size 35 x 450 mm	52 630 02	G28	-	-	1,550
BSG 10/50	Belt grinder (max. speed 7000 rpm) BSGB Belt size 50 x 450	52 630 01	G28	-	-	1,590
FH 12	Straight die grinder (max. speed 18000), collet 12 mm	48 265 01	G28	-	-	0,510
WI 10 (1,3:1)	Angle grinder (max speed 17000 rpm), collet 6 mm, gear ratio 1,3:1	57 645 03	G28	-	-	0,560
FH 10	Straight die grinder (max. speed 25000), collet 6 mm	57 170 01	G28	-	-	0,560
WI 7 (1,3:1)	Angle grinder (max speed 17000 rpm), collet 6 mm, gear ratio 1,3:1	57 645 01	G22	-	-	0,570
FH 7	Straight die grinder (max. speed 25000), collet 6 mm	49 530 01	G22	-	-	0,315
WIG 7 (2,7:1)	Angle for max. 25000, spindle M 14, Gear ratio 2,7:1	49 608 04	G22	-	-	0,660
FH 4	Straight die grinder (max. speed 40000), collet 3 mm	57 570 01	G16	-	-	0,135
WI 4 (1:1)	Angle grinder (max speed 20000 rpm), collet 3 mm, gear ratio 1:1	57 661 01	G16	-	-	0,210

Belt grinders for WI 4, WI 7, WI 10 can be found on page 33.



ROTOSET

NA 10 x 2000 DIN 10/G28

Order Nr. 30 026 03

NA 7 x 2000 DIN 10/G22

Order Nr. 49 790 01



MINIFIX

NA 4 x 1250 DIN 10/G16

Order Nr. 30 002 02



WI 7 (1,3:1)

FH 7

WIG 7 (2,7:1)

FH 4

WI 4 (1:1)



Rotostar

Rotoset

Minifix

Rotostar Kit

- High performance grinder with double insulated motor, suitable for all household power outlets or use with generators.
- Heavy duty work even in hard-to-reach areas.
- Softstart.
- Motor frame protects tool in all positions.

Order Nr. 110 143

Complete Rotostar Kit:

Consist of: Universal, double insulated 1-phase electric motor, 3-speed gear box (3000, 6000, 12000, rpm), 3 m power cord and plug, with flexible shaft NA 10 x 2000 mm DIN 10/G 28, straight hand piece with 6 mm collet, set of wrenches, robust metal carrier case.

Rotoset Kit

- Powerful universal, double insulated electric drive motor.
- Multi-purpose unit with large selection of attachments.
- Constant speed even under full load.

Order Nr. Rotoset 28: 110 157, Rotoset 25-R: 110 159

Complete Rotoset Kit:

Consists of: Universal electric drive motor in sturdy frame, with suspension hook, 3 m power cord and plug, Flexible shaft NA 7 x 2000 mm, DIN 10/G22, straight hand piece FH7 with 6 mm Collet, Angle grinder WIG 7 (gear ratio 2.7:1), wheel guard and flange set for 115 mm Ø grinding and cutting wheels, 115 mm grinding and cutting wheel, wire cup brush TDB 70, 70 mm, Mounted points AR-O A 1325 V, A 2025 V, B 2006 V, Backing pad Type FSS 1110. Two each fiber discs Type KFS 115 ST, grit 60 & 120, 1 set of wrenches, sturdy metal case.

Minifix Kit

- Light weight and compact, guarantees work without operators fatigue.
- Noise suppressed machine for delicate work.
- Easy to handle hand pieces for optimal work performance.

Order Nr. Minifix 28: 110 155, Minifix 25-R: 110 153

Complete Minifix Kit:

Double insulated 1-phase electric drive unit, 3 m power cord and plug, flexible shaft NA4 x 1250 mm DIN/G16, straight hand piece FH 4 with 6 mm collet, Set of accessories: 1 each HSS burr (HSS G 0615 F), virrtified mounted point K 0816 V, B 1303 V, F 0808 V, polishing bob FPB 1208, set of wrenches and metal case.

Flexible Shaft Grinders/Polishers With Gearbox – Three Phase



Versatility in Every Gear

Speed Range: 750, 1400, 3000,
6300, 11 000 min⁻¹

G28

ROTOFIX F G28

Order Nr. 110 007 (400 V, 50 Hz, 3 Ph, 0,5 kW, 11,5 kg)

- 5-speed gearbox drive, heavy duty flexible shaft grinder/polisher.
- Dust sealed and air cooled three phase 500 W (0.67 hp) induction motor.
- Multi-purpose unit with extensive selection of **SUHNER** accessories.



DIN10

ROTOFIX F DIN10

Order Nr. 110 008 (400 V, 50 Hz, 3 Ph, 0,5 kW, 11,5 kg)



The Right Speeds and Power for Most Applications

Speed Range: 850, 1600, 2100,
3200, 5700, 8000
and 12 000 rpm

G28

ROTOFERA F G28

Order Nr. 110 019
(400 V, 50 Hz, 3 Ph, 1,0 kW, 16,8 kg)

- Most widely used flexible shaft grinder in the world.
- 7-speed gearbox can be used in 28 different speeds, with optional speed increaser RG or speed reducer RZ 5.
- Virtually maintenance free dust sealed. Air cooled 1000 Watt (1.34hp) three phase induction motor.
- Rugged design, built for long service life.



DIN10

ROTOFERA F DIN10

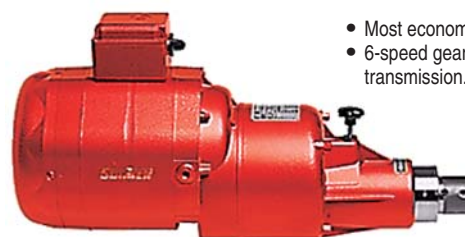
Order Nr. 110 020 (400 V, 50 Hz, 3 Ph, 1,0 kW, 16,8 kg)



Best Speeds and Power for Heavy Jobs

Speed Range: 1000, 1700, 2700,
5100, 7300 and 13500 rpm

- Most economical heavy duty grinder available.
- 6-speed gearbox, extremely high torque transmission.



DIN15

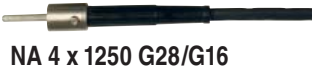
ROTAR STM DIN15

Order Nr. 110 031 (400 V, 50 Hz, 3 Ph, 2,4 kW, 50,5 kg)

All machines are supplied without plugs.
Suitable plugs need to be installed by a specialist.

Quality flexible shafts from the world leader

- Separating the hand piece from the weight of the drive unit drastically reduces operator's fatigue even in continuous operation, increasing productivity.



NA 4 x 1250 G28/G16



Order Nr. 30 001 02



NA 7 x 1500 G28/G22



Order Nr. 30 009 02



NA 4 x 1250 DIN10/G16



Order Nr. 30 002 02



NA 7 x 1500 DIN10/G22



Order Nr. 30 007 02

- Flexible shafts are clean and quiet in operation.
- Highest quality guarantees long service life and minimum maintenance.
- Flexible shafts and hand pieces can be changed quickly for maximum versatility.
- Ideally suited for operations in areas which are difficult to reach with standard portable power tools.



NA 10 x 1500 G28/G28



Order Nr. 30 015 02



NA 12 x 2000 G28/G28



Order Nr. 30 028 02



NA 10 x 1500 DIN10/G28



Order Nr. 30 026 02



NA 12 x 2000 DIN10/G28



Order Nr. 30 029 02



NA 12 x 2000 DIN15/G28



Order Nr. 30 030 02



NA 15 x 2000 DIN15/G35



Order Nr. 30 032 02

G16

- WB 4**
Best-Nr. 110 220
- FH 4 (6 mm)**
Order Nr. 57 570 01
- WI 4 (3 mm)**
Order Nr. 57 661 01

G22

- FH 7 (6 mm)**
Order Nr. 49 530 01
- WI 7 (6 mm)**
Order Nr. 57 645 01
- WIG 7 (M14)**
2,7 : 1
max. 25 000 min⁻¹
Order Nr. 49 608 04
- WB 7 (6 mm)**
Order Nr. 110 221
- FH 10 (6 mm)**
Order Nr. 57 170 01

G28

- WB 10**
Order Nr. 110 222
- WI 10 (6 mm)**
Order Nr. 57 645 03
- FH 12 (12 mm)**
Order Nr. 48 265 01
- FSM 1:1 (M14)**
max. 8000 min⁻¹
Order Nr. 57 891 01
- BSG 10/50** max. 7000 min⁻¹
Order Nr. 52 630 01

G35

- FH 15 (12 mm)**
Order Nr. 10 331 01
- WH 12 (MK1)**
Order Nr. 10 330 01
- WH 15 (MK2)**
Order Nr. 10 340 01