



Abrasive expert.

SUHNER





SUHNER has been developing, designing and manufacturing machines and tools for rational surface finishing since 1914.

Forward-looking R&D work, high quality standards and an intensive exchange of experience with users have resulted in individual solutions for everyday industrial practice.

With a workforce of more than 700 dedicated employees, state-of-the-art production facilities in several countries and a global distribution concept **SUHNER** is a leading company in many fields of manufacturing technology.

An active marketing policy combined with innovation concepts drawn from everyday working practice, optimised by our engineers, ensures that **SUHNER** products and **SUHNER** expertise continually evolve and remain available to you in the long term.



Brugg (AG), Switzerland



Bad Säckingen, Germany



Rome, Georgia, USA



SUHNER

SUHNER HOLDING AG, CH-5201 BRUGG AG, Switzerland
MANAGEMENT

Dear Customer,

Our company has enjoyed remarkable success in the area of industrial surface finishing:

A new and extremely attractive range of abrasives featuring products manufactured to our specifications together with some of the world's leading tool manufacturers. Quality and performance are our foremost principle. In particular we would like to recommend our synthetic fleece products, suitable for applications from cleaning through to satin finish.

Choosing the appropriate drive systems is of course critical to achieving optimum results, and our unique concept with choice of power tools, machines with flexible shafts and pneumatic drives satisfies that requirement to be greatest possible extent. Power ranges from 75 to 3500 W and speed variants from 150 to 80000 revolutions per minute are also available.

For us, marketing means first and foremost coming up with practical solutions to problems, close customer relations, an on-site demonstration concept, and a global exchange of experience.

So put us to the test. Our abrasives experts are happy to advise you in person.

We wish you every success with our SUHNER tools and our great machines!



SUHNER HOLDING AG

J. Suhner

Jürg Suhner
CEO

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Subject to technical modifications

Tungsten carbide burrs

Long service life and quality



Extremely high cutting rates and a long service life; can be reground repeatedly.

Professional chip removal and optimum surface finish, special standard (N) and double-cut (NK) tooth pattern.

Smooth running, especially in combination with precision-bearing **SUHNER** drives.

| Carbide burrs with 6 mm shank type | A 06/19 | A 08/19 | A 12/25 | B 06/19 | B 08/19 | B 12/25 | C 06/19 | C 08/19 | C 10/19 | C 12/25 |
|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Ø x length mm | 6 x 19 | 8 x 19 | 12 x 25 | 6 x 19 | 8 x 19 | 12 x 25 | 6 x 19 | 8 x 19 | 10 x 19 | 12 x 25 |
| Shank Ø mm | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Weight g | 42 | 46 | 65 | 42 | 46 | 65 | 41 | 44 | 53 | 50 |
| Recommended RPM | 40000 | 25000 | 20000 | 40000 | 25000 | 20000 | 40000 | 25000 | 25000 | 20000 |
| Order No. N tothing | 912 012 | 912 015 | 912 025 | 912 051 | 912 054 | 912 064 | 912 105 | 912 108 | 912 112 | 912 120 |
| Order No. NK tothing | 912 014 | 912 017 | 912 027 | 912 053 | 912 056 | 912 066 | 912 107 | 912 110 | 912 114 | 912 122 |

| Carbide burrs with 6 mm shank type | D 06/06 | D 10/09 | D 12/11 | M 06/19 | M 10/16 | E 10/16 | E 12/22 | H 08/19 | H 12/32 | L 12/30 |
|------------------------------------|---------|---------|-----------|---------|---------|---------|---------|---------|---------|---------|
| Ø x length mm | 6 x 5,4 | 10 x 9 | 12 x 10,8 | 6 x 19 | 10 x 16 | 10 x 16 | 12 x 22 | 8 x 19 | 12 x 32 | 12 x 30 |
| Shank Ø mm | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Weight g | 41 | 39 | 44 | 39 | 43 | 40 | 50 | 20 | 40 | 60 |
| Recommended RPM | 40000 | 25000 | 10000 | 40000 | 25000 | 25000 | 20000 | 40000 | 20000 | 20000 |
| Order No. N tothing | 912 210 | 912 216 | 912 220 | 912 496 | 912 087 | 912 276 | 912 280 | 912 300 | 912 303 | 912 475 |
| Order No. NK tothing | 912 212 | 912 218 | 912 222 | 912 086 | 912 497 | 912 278 | 912 282 | 912 302 | 912 305 | 912 477 |

| Carbide burrs with 3 mm shank type | A 03/13 | B 03/13 | C 03/13 | D 04/04 | M 03/11 | F 03/13 | G 03/13 | L 03/08 | E 03/06 | H 03/08 |
|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Ø x length mm | 3 x 13 | 3 x 13 | 3 x 13 | 4 x 3,6 | 3 x 11 | 3 x 13 | 3 x 13 | 3 x 8 | 3 x 6 | 3 x 8 |
| Shank Ø mm | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Recommended RPM | 80000 | 80000 | 80000 | 80000 | 80000 | 80000 | 80000 | 80000 | 80000 | 80000 |
| Order No. N tothing | 912 003 | 912 042 | 912 099 | 912 207 | 912 078 | 912 238 | 912 172 | 912 138 | 912 267 | 912 294 |
| Order No. NK tothing | 912 005 | 912 044 | 912 101 | 912 209 | 912 352 | 912 240 | 912 174 | 912 472 | 912 269 | 912 296 |

Tothing

N



Free-cutting and cast steels, weld seams, high-strength steels in general.

NK



Double-cut tooth pattern for short chips. High alloy steels, reinforced plastics.

Grinding and cutting discs

Top quality



Magic Disc

High-performance grinding discs: unrivalled stock removal rate and long service life on all materials, particularly stainless steel and aluminium. Less dust, noise and heat generation; neat grinding pattern. Flexible grinding disc, 3 mm (black): easy tool guidance, available in three grain sizes. Cutting and grinding in a single operation! Use with back-up pad.

SUN-disc M

General-purpose grinding and cutting disc with a wide range of applications in steel and stainless steel processing. Cutting wheels: 2 mm thick for extremely high cutting rates, flat design (reduced operating time). High cost efficiency due to optimum ratio between cutting performance and long service life.

Turbo-disc

Cutting wheel with less machine stress less material removal thanks to a thinner cut.

- less heat generated
- fewer burrs
- less odour
- fast cut
- constant cutting rate

| Grinding discs | Order No. | Ø x thickness x bore (mm) | Max. RPM | Box | Application | | | | | | |
|------------------------------|-----------|---------------------------|----------|------|-------------|--------------------|-------|-----------------|------------|-----------|-------|
| | | | | | Cast iron | Non-ferrous metals | Steel | Stainless steel | Weld seams | Aluminium | Stone |
| Magic Disc 125-6 | 908 613 | 125 x 6 x 22 | 1200 | 10 | x | x | x | x | x | x | x |
| Magic Disc 150-6 | 909 714 | 150 x 6 x 22 | 10200 | 10 | x | x | x | x | x | x | x |
| Magic Disc 178-6 | 908 945 | 178 x 6 x 22 | 8600 | 10 | x | x | x | x | x | x | x |
| Magic Disc 230-6 | 909 896 | 230 x 6 x 22 | 6600 | 10 | | | | | | | |
| Magic Disc 125-3 K 36 | 908 610 | 125 x 3 x 22 | 12200 | 15+* | x | x | x | x | x | x | x |
| Magic Disc 125-3 K 60 | 908 611 | 125 x 3 x 22 | 12200 | 15+* | x | x | x | x | x | x | x |
| Magic Disc 125-3 K 80 | 908 612 | 125 x 3 x 22 | 12200 | 15+* | x | x | x | x | x | x | x |
| *Back-up Pad | 908 700 | | | | | | | | | | |
| SUN-disc M 115-6 | 909 870 | 115 x 6 x 22 | 13300 | 10 | x | | x | x | x | | |
| SUN-disc M 125-6 | 909 871 | 125 x 6 x 22 | 12200 | 10 | x | | x | x | x | | |
| SUN-disc M 178-6 | 909 872 | 178 x 6 x 22 | 8600 | 10 | x | | x | x | x | | |
| SUN-disc M 230-6 | 909 873 | 230 x 6 x 22 | 6600 | 10 | x | | x | x | x | | |
| Cutting wheels | | | | | | | | | | | |
| SUN-disc M 115-2 | 909 866 | 115 x 2 x 22 | 13300 | 35 | x | | x | x | | | |
| SUN-disc M 125-2 | 909 867 | 125 x 2 x 22 | 12200 | 35 | x | | x | x | | | |
| SUN-disc M 178-2 | 909 868 | 178 x 2 x 22 | 8600 | 35 | x | | x | x | | | |
| SUN-disc M 230-2 | 909 869 | 230 x 2 x 22 | 6600 | 35 | x | | x | x | | | |
| Turbo-disc 50-1 | 908 074 | 50 x 1 x 6 | 30000 | 50 | x | x | x | x | | x | |
| Turbo-disc 75-1 | 908 078 | 75 x 1 x 10 | 20200 | 50 | x | x | x | x | | x | |
| Turbo-disc 115-1 | 908 075 | 115 x 1 x 22 | 13300 | 25 | x | x | x | x | | x | |
| Turbo-disc 125-1 | 908 076 | 125 x 1 x 22 | 12200 | 25 | x | x | x | x | | x | |
| Turbo-disc 150-1.6 | 909 648 | 150 x 1.6 x 22 | 10200 | 25 | x | x | x | x | | x | |
| Turbo-disc 178-1.6 | 908 440 | 178 x 1.6 x 22 | 8600 | 25 | x | x | x | x | | x | |

| Discs | Recommended machines | | | | | |
|-------|----------------------|------|------------------------|-------|-----------------------------|-------|
| | Electric power tools | | Pneumatic power tools | | Flexible shaft machines | |
| | | Page | | Page | | Page |
| Ø 115 | UWK 10-R | 16 | LWG 12, LWH 12, LLH 12 | 26-27 | ROTOSET | 28-43 |
| Ø 125 | UWK 10-R 125 | 16 | LWG 12, LWH 12, LLH 12 | 26-27 | ROTOSTAR, ROTOFERA, ROTOMAX | 28-43 |
| Ø 150 | UWK 10-R 150 | 16 | LWH 9 | 26-27 | ROTOSTAR, ROTOFERA, ROTOMAX | 28-43 |
| Ø 178 | | | LWH 6 | 26-27 | ROTOSTAR, ROTOFERA, ROTAR | 28-43 |
| Ø 230 | | | LWH 6 | 26-27 | ROTAR, ROTOMAX | 28-43 |

Abrasive flap discs

LFT Superflex and LFS Superflex

Operates at low temperatures:
extra thick for maximum ventilation.

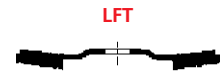
High-quality zircon abrasive:
no clogging, coating or glazing.


Economical to use: 10 to 12 times longer service
life than conventional fibre wheels.

Good tool guidance and fatigue-free operation
even over large surfaces.

For steel and stainless steel.

Available with carrier material made of fibre fabric
or nylon.



| Type | Order No. | Disc Ø mm | Bore mm | Max. RPM |  |
|-------------------------|-----------|-----------|---------|----------|---|
| LFS 115 SUperflex K 40 | 913 000 | 115 | 22.2 | 13300 | 10 |
| LFS 115 SUperflex K 60 | 913 001 | 115 | 22.2 | 13300 | 10 |
| LFS 115 SUperflex K 80 | 913 002 | 115 | 22.2 | 13300 | 10 |
| LFS 115 SUperflex K 120 | 913 003 | 115 | 22.2 | 13300 | 10 |
| LFS 125 SUperflex K 40 | 913 008 | 125 | 22.2 | 12200 | 10 |
| LFS 125 SUperflex K 60 | 913 009 | 125 | 22.2 | 12200 | 10 |
| LFS 125 SUperflex K 80 | 913 010 | 125 | 22.2 | 12200 | 10 |
| LFS 125 SUperflex K 120 | 913 011 | 125 | 22.2 | 12200 | 10 |
| LFT 115 SUperflex K 40 | 913 004 | 115 | 22.2 | 13300 | 10 |
| LFT 115 SUperflex K 60 | 913 005 | 115 | 22.2 | 13300 | 10 |
| LFT 115 SUperflex K 80 | 913 006 | 115 | 22.2 | 13300 | 10 |
| LFT 115 SUperflex K 120 | 913 007 | 115 | 22.2 | 13300 | 10 |
| LFT 125 SUperflex K 40 | 913 012 | 125 | 22.2 | 12200 | 10 |
| LFT 125 SUperflex K 60 | 913 013 | 125 | 22.2 | 12200 | 10 |
| LFT 125 SUperflex K 80 | 913 014 | 125 | 22.2 | 12200 | 10 |
| LFT 125 SUperflex K 120 | 913 015 | 125 | 22.2 | 12200 | 10 |

TIGERBITE – both aggressive and smooth


Nothing beats ceramic abrasives when time is of
the essence.

The unique properties of the ceramic grain make
for faster processing times and a longer disc
service life.

The new TIGERBITE abrasive flap discs from
SUHNER are extremely efficient and stand out
by virtue not only of their quality for also their
cost-effectiveness.

For steel, stainless steel and aluminium.



| Type | Order No. | Disc Ø mm | Bore mm | Max. RPM |  |
|----------------------------|-----------|-----------|---------|----------|---|
| LFS 125 TIGERBITE CE K 40 | 909 891 | 125 | 22.2 | 12200 | 10 |
| LFS 125 TIGERBITE CE K 60 | 909 892 | 125 | 22.2 | 12200 | 10 |
| LFS 125 TIGERBITE CE K 80 | 909 893 | 125 | 22.2 | 12200 | 10 |
| LFS 125 TIGERBITE CE K 120 | 909 894 | 125 | 22.2 | 12200 | 10 |
| LFT 125 TIGERBITE CE K 40 | 909 980 | 125 | 22.2 | 12200 | 10 |
| LFT 125 TIGERBITE CE K 60 | 909 981 | 125 | 22.2 | 12200 | 10 |
| LFT 125 TIGERBITE CE K 80 | 909 982 | 125 | 22.2 | 12200 | 10 |
| LFT 125 TIGERBITE CE K 120 | 909 983 | 125 | 22.2 | 12200 | 10 |


Abrasive flap wheels


Soft and supple

FSW abrasive flap wheels

Ideal for working recesses and ridges evenly
 Vibration-free work along edges and corners.
 Wide choice of dimensions and grain sizes for all types of work.
 Abrasive flap wheels with \varnothing 165 mm with countersunk bores so the mandrel is not prominent and does not obstruct you when working.
 Grinding oil added to enhance cost effectiveness (service life).
 Eco-friendly, degradable carrier material.
 With flexible shaft machines you have the right speed for every flap wheel.




| Abrasive flap wheels Type | Grain sizes and Order No. | | | | | | | \varnothing x width mm | Shank \varnothing mm | Max. RPM |  |
|---------------------------|---------------------------|---------|---------|---------|---------|---------|---------|--------------------------|------------------------|----------|---|
| | 60 | 80 | 120 | 150 | 180 | 240 | 320 | | | | |
| FSW 30/10 | 907 390 | 907 391 | 906 419 | 907 392 | 906 420 | 907 393 | 906 418 | 30 x 10 | 6 | 19 000 | 10 |
| FSW 40/15 | 901 920 | 901 921 | 901 923 | 901 924 | 903 338 | 901 925 | 901 926 | 40 x 15 | 6 | 14 300 | 10 |
| FSW 60/30 | 901 956 | 903 339 | 901 958 | 901 959 | 901 960 | 901 961 | 901 962 | 60 x 30 | 6 | 9 500 | 10 |
| FSW 80/30 | 901 975 | 901 976 | 901 978 | 901 979 | 901 980 | 901 982 | 901 983 | 80 x 30 | 6 | 7 100 | 10 |
| FSW 80/50 | 901 985 | 901 986 | 901 987 | 903 340 | 901 988 | 901 989 | 901 990 | 80 x 50 | 6 | 7 100 | 10 |

| Abrasive flap wheels Type | Grain sizes and Order No. | | | | | | | \varnothing x width x bore mm | Compatible spindle | Spindle Order No. | Max. RPM |  |
|---------------------------|---------------------------|---------|---------|---------|---------|---------|---------|---------------------------------|--------------------|-------------------|----------|---|
| | 60 | 80 | 120 | 150 | 180 | 240 | 320 | | | | | |
| FSW 165/50 | 902 004 | 902 006 | 902 008 | 902 009 | 902 010 | 902 011 | 907 908 | 165 x 50 x 45 | FDV 12-48 | 57 652 02 | 4 000 | 2 |
| | | | | | | | | | FDV MK 1-48 | 57 652 05 | | |
| FSW 100/100 | 907 885 | 907 886 | 907 887 | - | - | - | - | 100 x 100 x 19.1 | FG M14 | 907 875 | 6 700 | 1 |

FVSK non-woven fibre brushes/ flap brushes combined with abrasive flaps.

The ideal combination of abrasive flaps and non-woven fibre.
 The logical follow-on from FSW abrasive wheel flaps for a satin finish.
 The soft flaps also adapt to rounded surfaces.
 No grinding marks – forgiving of grinding errors.
 FVSK create a finer grinding pattern than FSW.
 Ideal for removing fine scratches.
 Ideally suited for blending previously finished areas, e.g. after grinding off weld seams on stainless steel.



| Combined surface grinders Type | Grain sizes and Order No. | | | | | | \varnothing x width x shaft mm | \varnothing x width x bore mm | Compatible spindle | Order No. | Max. RPM |  |
|--------------------------------|---------------------------|---------|---------|---------|---------|---------|----------------------------------|---------------------------------|--------------------|-----------|----------|---|
| | 40 | 60 | 100 | 120 | 150 | 240 | | | | | | |
| FVSK 40/30 | - | 907 999 | 908 000 | - | 908 001 | 908 002 | 40 x 30 x 6 | | | | 13 000 | 10 |
| FVSK 75/45 | - | 906 878 | 906 879 | - | 906 880 | 906 881 | 75 x 45 x 6 | | | | 8 000 | 10 |
| FVSW 105/100 | 907 876 | 907 877 | - | 907 878 | - | - | | 105 x 100 x 19.1 | FG M14 | 907 875 | 5 700 | 1 |
| FVSR 175/45 | - | 906 886 | 906 887 | - | 906 888 | 906 889 | | 175 x 45 x 51 | FDV 12-51 | 48 593 02 | 3 000 | 2 |

Non-woven fibre brushes

For soft grinding with a fine finish

Synthetic non-woven fibre brushes/flap brushes

In lamellar form. Soft finish with lower grain content for softer buffing and polishing and a finer finish on stainless steels. The brushes are soft, adapting even to geometrically complex work pieces.

For matt surfaces, depending on the grain used: brushed matt or satin finish.

Cleaning or finishing work in fitted kitchen manufacture or the food industry e.g. breweries.

For cooking appliances (brushed stainless steel).
For apparatus, tank and container construction.



| Non-woven fibre brushes/flap brushes Type | Grain sizes and Order No. | | | | Ø x width x shaft mm | Ø x width x bore mm | Compatible spindle | Order No. | Max. RPM | 📦 |
|---|---------------------------|---------|---------|---------|----------------------|---------------------|--------------------|-----------|----------|----|
| | 80 | 100 | 180 | 280 | | | | | | |
| FVVK 40/30 | – | 907 996 | 907 997 | 907 998 | 40 x 30 x 6 | | | | 13000 | 10 |
| FVVK 80/50 | – | 903 429 | 903 430 | 903 431 | 80 x 50 x 6 | | | | 6000 | 10 |
| FVWV 110/100 | 908 769 | 907 881 | 907 882 | 907 883 | | 110 x 100 x 19.1 | FG M14 | 907 875 | 5700 | 1 |
| FVVR 150/50 | – | 902 106 | 902 107 | 902 108 | | 150 x 50 x 51 | FDV 12–51 | 48 593 02 | 3200 | 1 |

OPN PLUS

The premium grinding disc for orbital sanders.

Flexible grinding disc for surface treatment of stainless steel, fibre glass, carbon, synthetic materials, composites, wood, paint and lacquer.

For removing surface damage and general cleaning operations.

For an even surface finish without any disc clogging.

For extremely low-dust work.



| Designation | Grain type | Diameter | Order No. | 📦 | Designation | Grain type | Diameter | Order No. | 📦 |
|--------------|------------|----------|-----------|----|--------------|------------|----------|-----------|----|
| OPN PLUS 150 | 40 | 150 mm | 909 938 | 50 | OPN PLUS 120 | 40 | 120 mm | 909 936 | 50 |
| | 60 | | 909 939 | | | 909 937 | | | |
| | 80 | | 909 969 | | | 909 962 | | | |
| | 120 | | 909 970 | | | 909 963 | | | |
| | 180 | | 909 971 | | | 909 964 | | | |
| | 220 | | 909 972 | | | 909 965 | | | |
| | 320 | | 909 973 | | | 909 966 | | | |
| | 400 | | 909 974 | | | 909 967 | | | |
| | 600 | | 909 975 | | | 909 968 | | | |
| | 800 | | 909 976 | | | | – | | |


SUN-Press

Unitised non-woven tools for the most demanding requirements



SUN-Press

From deburring, cleaning, blending and finishing to pre-polishing.
Saves time and costs: only one work step from weld-seam removal to the perfect, smooth surface.
For all materials, especially stainless steel, titanium and aluminium.

| Type | Dimension Max. RPM | soft Density 2 | soft/medium Density 4 | medium/hard Density 6 | hard Density 8 | extra hard Density 10 |  |
|--|---------------------------|--|---|--|---|--|---|
| SUN-fix (Roll-On) | 75 x 6 x roll-on 12000 | SUN-Press R 75 2SF HVFS 908 801 | SUN-Press R 75 4SF HVFS 909 624 | SUN-Press R 75 6AF HVFS 909 625 | SUN-Press R 75 8AM HVFS 908 800 | | 5 |
| Discs 150 mm | 150 x 3 x 25 mm 6000 | | | SUN-Press 150/3/25 6SF HVFS 909 475 | SUN-Press 150/3/25 8AM HVFS 909 476 | SUN-Press 150/3/25 10AM HVFS 909 623 | 10 |
| | 150 x 6 x 25 mm 6000 | SUN-Press 150/6/25 2SF HVFS 909 471 | SUN-Press 150/6/25 4SF HVFS 909 472 | SUN-Press 150/6/25 6SF HVFS 909 473 | SUN-Press 150/6/25 8AM HVFS 909 474 | SUN-Press 150/6/25 10AM HVFS 909 622 | 10 |
| Discs with fibre backing | 115 mm 10000 | SUN-Press 115 2SF HVFS 909 626 | | | SUN-Press 115 8AM HVFS 909 627 | | 5 |
| Properties and applications | | Light cleaning (tarnishing, paint), re- moving rust and scratches, blending, polishing | Cleaning, blending sur- faces, removing scratch- es, polishing after weld seam removal, pre-pol- ishing | Deburring, removing grinding marks (K80 on steel, K120 on alumin- ium), rounding off edg- es, rough cleaning | Deburring (large burrs), very rough cleaning, re- moving weld seams | Removing weld seams and deburring on very hard materials | |

- Grain type: silicon carbide (S)
- Grain type: aluminium oxide (A)

Surface finish

Abrasive
performance

| SUN-Press | Recommended machine | | | | | |
|--------------------------|----------------------|-------|-----------------------|------|-----------------------------|-------|
| | Electric power tools | Page | Pneumatic power tools | Page | Flexible shaft machines | Page |
| SUN-Press SUN-fix | UWG 10-R | 17 | LPB 12 | 22 | MINIFIX 25-R, ROTOFIX | 28-43 |
| SUN-Press Ø 150 | UKC 3-R | 17 | | | ROTOSTAR, ROTOFIX, ROTOMAX | 28-43 |
| SUN-Press Ø 115 | UWG 10-R, UWK 10-R | 16-17 | LWH 9 | 27 | ROTOSTAR, ROTOFERA, ROTOMAX | 28-43 |

SUN-Roll

Convolute non-woven tools



SUN-Roll and SUN-Roll *finish*

For deburring, blending and finishing small work-pieces.

For all materials, especially stainless steel, titanium and aluminium.

SUN-Roll *finish*: open structure for matt decorative finishes.

| Type | Dimension Max. RPM | SUN-Roll finish | soft Density A | medium Density B | hard Density C | Compati- ble spindle | Spindle Order No. | |
|-----------------------------|--------------------------|--|--|--|---|----------------------------|----------------------|---|
| Wheels | 150 x 25 x 25 mm 6000 | | SUN-Roll A FVHR 150/25/25 909 631 | SUN-Roll B FVHR 150/25/25 909 632 | SUN-Roll C FVHR 150/25/25 909 633 | FDV 12-25 | 48 594 01 | 1 |
| | 150 x 50 x 25 mm 6000 | SUN-Roll <i>finish</i> 150/50/25 908 111 | SUN-Roll A FVHR 150/50/25 909 637 | SUN-Roll B FVHR 150/50/25 909 638 | SUN-Roll C FVHR 150/50/25 909 639 | FDV 12-50 | 48 594 02 | 1 |
| | 200 x 25 x 76 mm 4500 | | SUN-Roll A FVHR 200/25/76 909 634 | SUN-Roll B FVHR 200/25/76 909 635 | SUN-Roll C FVHR 200/25/76 909 636 | FDV 12-76 | 52 0000 83 | 1 |
| | 200 x 50 x 76 mm 4500 | SUN-Roll <i>finish</i> 200/50/76 908 112 | SUN-Roll A FVHR 200/50/76 909 640 | SUN-Roll B FVHR 200/50/76 909 641 | SUN Roll C FVHR 200/50/76 909 642 | FDV 12-76 | 48 593 01 | 1 |
| Properties and applications | | Matt decorative finish | Pre-polishing, finishing, light deburring of small parts | Deburring, removing grinding marks, finishing, edge grinding | | | | |

| | | |
|---------------------------------|----------------|----------------------|
| Grain type: silicon carbide (S) | Surface finish | Abrasive performance |
| | | |

| SUN-Roll | Recommended machine | | | | | |
|----------------|----------------------|------|-----------------------|------|-----------------------------|-------|
| | Electric power tools | Page | Pneumatic power tools | Page | Flexible shaft machines | Page |
| SUN-Roll Ø 150 | USK 6-R | 18 | | | ROTOSTAR, ROTOFERA, ROTOMAX | 28-43 |
| SUN-Roll Ø 200 | | | | | ROTOSTAR, ROTOFERA, ROTOMAX | 28-43 |

Abrasive belts

Compatible with belt sanding attachments (p. 46–48)



VA

BSGB VA

For stainless steel, steel, non-ferrous metals, plastics and wood.

BSGB FVV

Special non-woven fabric design with cloth underlay and integrated abrasive agent for low-temperature grinding. Free of corrosion-inducing metals; creates burr-free surfaces. Available in 5 grades through to "ultra-fine".



FVV

For matt finishes to stainless steel and non-ferrous metals.

Reduces surface roughness after sanding with an abrasive belt.

Blends previously sanded areas, e.g. after grinding weld seams on stainless steel.

Removes oxides and tarnishing (spot welds).



TZ


BSGB TZ


Abrasive belt with self-renewing pyramid structure.


For hard metals and stainless steel.

Allows certain work steps to be skipped: saves time and costs.

Extra-long service life.

| Type | Dimensions | for belt standing at-attach- | Max. RPM | Grain sizes and Order No. | | | | | | | | | | |  |
|----------------|------------|------------------------------|----------|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|
| | | | | 40 | 60 | 80 | 100 | 120 | 150 | 180 | 220 | 240 | 320 | 400 | |
| BSGB 35/450 VA | 35 × 450 | 46-48 | 7000 | – | 901 235 | 901 236 | 901 237 | 901 238 | 901 239 | 901 240 | 901 241 | 901 242 | 901 243 | 901 244 | 20 |
| BSGB 50/450 VA | 50 × 450 | 46-48 | 7000 | 904 100 | 901 245 | 901 246 | 901 247 | 901 248 | 901 249 | 901 250 | 901 251 | 901 252 | 901 253 | 901 254 | 20 |
| BSGB 63/950 VA | 63 × 950 | 46-48 | 5000 | – | 901 255 | 901 256 | 901 257 | 901 258 | 901 259 | 901 260 | 901 261 | – | 901 262 | – | 20 |
| BSGB 3/520 VA | 3 × 520 | 46-48 | 16000 | – | 907 981 | 907 982 | 907 983 | 907 984 | – | – | – | – | – | – | 20 |
| BSGB 6/520 VA | 6 × 520 | 46-48 | 16000 | 900 835 | 900 836 | 900 837 | 900 838 | 900 839 | – | 907 918 | – | 907 919 | 907 920 | – | 20 |
| BSGB 12/520 VA | 12 × 520 | 46-48 | 16000 | 900 845 | 900 846 | 900 847 | 900 848 | 900 849 | – | 907 921 | – | 907 922 | 907 923 | – | 20 |
| BSGB 16/520 VA | 16 × 520 | 46-48 | 16000 | 900 855 | 900 856 | 900 857 | 900 858 | 900 859 | – | 907 924 | – | 907 925 | 907 926 | – | 20 |
| BSGB 19/520 VA | 19 × 520 | 46-48 | 16000 | 900 874 | 900 875 | 900 876 | 900 877 | 900 878 | – | 907 927 | – | 907 928 | 907 929 | – | 20 |
| BSGB 3/305 VA | 3 × 305 | 46-48 | 20000 | – | 908 338 | 908 339 | – | 908 341 | – | – | – | – | – | – | 20 |
| BSGB 6/305 VA | 6 × 305 | 46-48 | 20000 | 908 342 | 908 343 | 908 344 | 908 345 | 908 346 | – | 908 347 | – | 908 348 | 908 349 | – | 20 |
| BSGB 12/305 VA | 12 × 305 | 46-48 | 20000 | 908 350 | 908 351 | 908 352 | 908 353 | 908 354 | – | 908 355 | – | 908 356 | 908 358 | – | 20 |
| BSGB 30/533 VA | 30 × 533 | 46-48 | 7000 | – | 908 585 | 908 586 | 908 587 | 908 588 | 908 589 | 908 590 | – | – | – | – | 20 |
| BSGB 30/610 VA | 30 × 610 | 46-48 | 9000 | – | 909 695 | 909 696 | 909 697 | 909 698 | 909 699 | 909 700 | – | – | – | – | 20 |

| Type | Dimensions | for sanding belt machine see page | Max. RPM | Grades and Order No. | | | | |  |
|-----------------|------------|-----------------------------------|----------|----------------------|---------|-----------|------------|------------|---|
| | | | | coarse | medium | very fine | super fine | ultra fine | |
| BSGB 50/450 FVV | 50 × 450 | 46-48 | 5 700 | 907 103 | 907 038 | 903 444 | 907 628 | 907 027 | 5 |
| BSGB 63/950 FVV | 63 × 950 | 46-48 | 3 200 | 907 954 | 907 104 | 903 445 | – | – | 5 |
| BSGB 6/520 FVV | 6 × 520 | 46-48 | 10 000 | 900 860 | 900 861 | 900 862 | – | 908 715 | 20 |
| BSGB 12/520 FVV | 12 × 520 | 46-48 | 10 000 | 900 863 | 900 864 | 900 865 | 908 701 | 908 716 | 20 |
| BSGB 16/520 FVV | 16 × 520 | 46-48 | 10 000 | 900 866 | 900 867 | 900 868 | – | – | 20 |
| BSGB 19/520 FVV | 19 × 520 | 46-48 | 10 000 | 900 879 | 900 880 | 900 881 | 908 702 | 908 813 | 20 |
| BSGB 6/305 FVV | 6 × 305 | 46-48 | 20 000 | – | 908 358 | 908 359 | 908 360 | – | 20 |
| BSGB 19/305 FVV | 9 × 305 | 46-48 | 20 000 | – | 908 634 | 908 362 | 908 363 | – | 20 |
| BSGB 30/533 FVV | 30 × 533 | 46-48 | 7 000 | 908 591 | 908 592 | 908 593 | 908 703 | 908 699 | 5 |
| BSGB 30/610 FVV | 30 × 610 | 46-48 | 9 000 | 909 701 | 909 702 | 909 703 | 909 704 | – | 5 |

| Type | Dimensions | for sanding belt machine see page | Grain sizes and Order No. | | | | | | |  |
|----------------|------------|-----------------------------------|---------------------------|---------------|--------------|--------------|--------------|---------------|--------------|---|
| | | | A 160 (K 120) | A 100 (K 220) | A 65 (K 280) | A 45 (K 400) | A 30 (K 600) | A 16 (K 1200) | A 6 (K 2500) | |
| BSGB 50/450 TZ | 50 × 450 | 46-48 | 908 820 | 908 821 | 908 823 | 908 824 | 908 825 | 908 826 | 909 085 | 20 |
| BSGB 6/520 TZ | 6 × 520 | 46-48 | 908 827 | 908 828 | 908 830 | 908 831 | 908 832 | 908 833 | – | 20 |
| BSGB 12/520 TZ | 12 × 520 | 46-48 | 908 834 | 908 835 | 908 837 | 908 838 | 908 839 | 908 840 | – | 20 |
| BSGB 30/533 TZ | 30 × 533 | 46-48 | 908 841 | 908 842 | 908 844 | 908 845 | 908 846 | 908 847 | 909 086 | 20 |
| BSGB 30/610 TZ | 30 × 610 | 46-48 | 909 705 | 909 706 | 909 708 | 909 709 | 909 710 | 909 711 | 909 712 | 20 |

Spiral belts

Easy to handle and highly efficient



ESB VA/PSWB VA

High-performance abrasive belts for ESR and PSW available in VA (for stainless steel, steel and aluminium).

Ideal for pre-sanding V2A containers, sanding spot welds, light alloy castings, dressing dies, re-sanding pipe ends in pipe and radiator construction, etc.

ESR

The sanding belt is attached to the rubber grooved sanding drum.

The grooves allow the drum to expand during sanding, tensioning the belt and increasing the elasticity.

The belt stays non-slip, lying flush against the workpiece, so it is able to work evenly across its entire width.

PSW

The "Formula 1 tyre" for a super-sanded finish.

Pneumatic drum. Depending on the work step the hardness is steplessly adjusted using a compressed air gun.

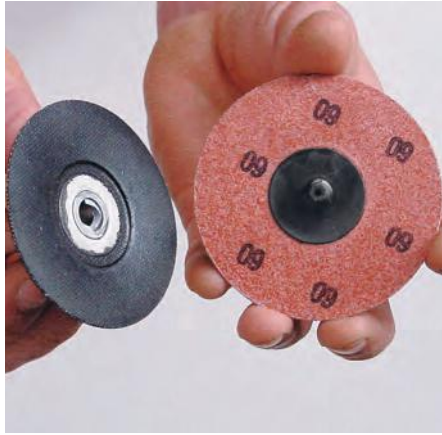
| Abrasive belts VA Type | Dimensions | Grain sizes and Order No. | | | | | | | | | | Sanding drum | Order No. | Max. RPM | |
|------------------------|------------|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|-----------|----------|----|
| | | 40 | 60 | 80 | 100 | 120 | 150 | 180 | 220 | 240 | 320 | | | | |
| ESB 10/20 VA | 20×31 | 908 142 | 908 143 | 908 144 | – | 908 145 | – | 908 146 | 908 704 | 908 705 | 908 706 | ESR 10/20 | 907 930 | 44 000 | 50 |
| ESB 15/30 VA | 30×47 | 908 147 | 908 148 | 908 149 | – | 908 150 | – | 908 151 | 908 704 | – | – | ESR 15/30 | 907 931 | 36 000 | 50 |
| ESB 22/14 VA | 14×69 | 901 273 | 901 275 | 901 276 | 901 277 | 901 278 | 901 279 | 901 280 | – | – | – | ESR 22/14 | 49 395 01 | 26 000 | 50 |
| ESB 22/20 VA | 20×69 | 908 026 | 908 027 | 908 028 | 908 029 | 908 030 | 908 031 | 908 032 | – | – | – | ESR 22/20 | 907 932 | 26 000 | 50 |
| ESB 22/36/60 VA | 60 | 908 040 | 908 041 | 908 042 | 908 043 | 908 044 | 908 045 | 908 046 | – | – | – | ESR 22/36/60 | 908 048 | 16 000 | 50 |
| ESB 25/30 VA | 30×78 | 901 295 | 901 297 | 901 298 | 901 299 | 901 300 | 901 301 | 901 302 | – | – | – | ESR 25/30 | 49 396 01 | 11 000 | 50 |
| ESB 30/18 VA | 18×94 | 901 306 | 901 308 | 901 309 | 901 310 | 901 311 | 901 312 | 901 313 | – | – | – | ESR 30/18 | 49 397 01 | 19 100 | 50 |
| ESB 30/30 VA | 30×94 | 906 921 | 906 922 | 906 923 | 906 924 | 906 925 | 906 926 | 906 927 | – | – | – | ESR 30/30 | 52 778 01 | 19 100 | 50 |
| ESB 45/30 VA | 30×141 | 907 943 | 907 944 | 907 945 | 907 946 | 907 947 | 907 948 | 907 949 | 908 707 | 908 708 | 907 709 | ESR 45/30 | 907 934 | 12 700 | 50 |
| ESB 60/30 VA | 30×188 | 908 153 | 908 154 | 908 155 | 908 156 | 908 157 | 908 158 | 908 159 | – | – | – | ESR 60/30 | 908 152 | 9 500 | 50 |
| ESB 75/30 VA | 30×236 | 907 967 | 907 968 | 907 969 | 907 970 | 907 971 | 907 972 | 907 973 | – | – | – | ESR 75/30 | 907 935 | 7 600 | 50 |
| PSWB 75/75 VA | 75×251 | 907 866 | 907 867 | 907 868 | 907 869 | 907 870 | 907 871 | 907 872 | 907 873 | – | – | PSW 75/75 | 907 851 | 6 000 | 10 |
| PSWB 120/80 VA | 85×383 | 907 858 | 907 859 | 907 860 | 907 861 | 907 862 | 907 863 | 907 864 | 907 865 | – | – | PSW 120/80 | 907 850 | 4 000 | 10 |

| Abrasive belts FVV Type | Dimensions | Grades and Order No. | | | Sanding drum | Order No. | Max. RPM | |
|-------------------------|------------|----------------------|---------|-----------|--------------|-----------|----------|----|
| | | coarse | medium | very fine | | | | |
| ESB 75/30 FVV | 30×236 | 907 974 | 907 975 | 907 976 | ESR 75/30 | 907 935 | 5 000 | 20 |
| PSWB 75/75 FVV | 80×251 | 907 855 | 907 856 | 907 857 | PSW 75/75 | 907 851 | 4 500 | 5 |
| PSWB 120/80 FVV | 90×390 | 907 852 | 907 853 | 907 854 | PSW 120/80 | 907 850 | 3 200 | 5 |

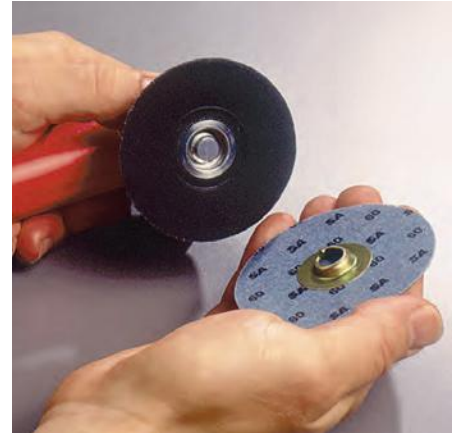
| Abrasive belts TZ Type | Dimensions | A 160 | A 100 | A 65 | A 45 | A 30 | A 16 | A 6 | Sanding drum | Order No. | Max. RPM | |
|------------------------|------------|---------|---------|---------|---------|---------|---------|---------|--------------|-----------|----------|----|
| | | (K120) | (K220) | (K280) | (K400) | (K600) | (K1200) | (K2500) | | | | |
| ESWB 45/30 TZ | 30×143 | 909 322 | 909 321 | 909 320 | 909 319 | 909 318 | 909 317 | – | ESR-W 45×30 | 908 802 | 12 700 | 20 |
| ESWB 60/30 TZ | 30×190 | 909 316 | 909 315 | 909 314 | 909 313 | 909 312 | 909 311 | – | ESR-W 60×30 | 908 927 | 9 500 | 20 |
| PSWB 75/75 TZ | 80×251 | 909 507 | 909 506 | 909 504 | 909 503 | 909 502 | 909 501 | 909 500 | PSW 75×75 | 907 851 | 4 000 | 10 |

SUN-fix

The first complete grinding system



Roll-on



Turn-on



The SUN-fix grinding system from **SUNNER** with quick-release fastener! Compared with all previous systems, ours offers the following advantages:

Maximum safety and longest service life for the grinding discs due to the connection with the backing plate.

A matching range of machines, electric and pneumatic machines, and flexible shaft machines.

The right abrasive for each work step (from material removal to finishing).



SUN-fix VA/ST (abrasive sheets)

For steel, stainless steel, cast steel, titanium, and Hastalloy. The integrated coolant prevents the workpiece from discolouring and overheating; this in turn increases the disc service life and the grinding performance (by up to 25%).

| VA/ST | Ø mm | Grain type | Roll-on | | Turn-on | | Max. RPM | |
|-------|---------|---------------|---------------|-------------|-------------|-----------|----------|-----|
| | | | Type | Order No. | Type | Order No. | | |
| | 19 | 36 | SB R 19 VA/ST | - | SB 19 VA/ST | 908 641 | 20 000 | 100 |
| | | 60 | | - | | 908 642 | | |
| | | 80 | | - | | 908 643 | | |
| | | 120 | | - | | 908 644 | | |
| | 25 | 36 | SB R 25 VA/ST | - | SB 25 VA/ST | 900 920 | 20 000 | 100 |
| | | 60 | | - | | 900 921 | | |
| | | 80 | | - | | 900 922 | | |
| | | 120 | | - | | 908 645 | | |
| | 50 | 36 | SB R 50 VA/ST | 908 454 | SB 50 VA/ST | 900 923 | 20 000 | 100 |
| | | 60 | | 908 455 | | 900 924 | | |
| | | 80 | | 908 456 | | 900 925 | | |
| | | 120 | | 908 764 | | 908 646 | | |
| 75 | 36 | SB R 75 VA/ST | 908 460 | SB 75 VA/ST | 900 926 | 12 000 | 50 | |
| | 60 | | 908 461 | | 900 927 | | | |
| | 80 | | 908 462 | | 900 928 | | | |
| | 120 | | 908 765 | | 908 647 | | | |


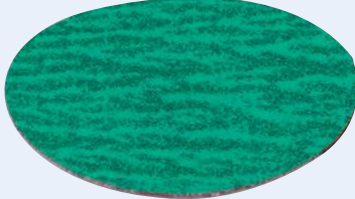
SUN-fix SC (abrasive sheets)

This abrasive is ideally suited for grinding aluminium, titanium, stone, brass, bronze and non-ferrous metals.

| SC | Ø mm | Grain type | Roll-on | | Turn-on | | Max. RPM |  |
|---|---------|---------------|------------|-----------|----------|-----------|----------|---|
| | | | Type | Order No. | Type | Order No. | | |
|  | 50 | 36 | SB R 50 SC | 908 457 | SB 50 SC | 900 990 | 20 000 | 100 |
| | | 60 | | | | 900 991 | | |
| | | 80 | | | | 900 992 | | |
| | | 120 | | | | 900 993 | | |
| | | 180 | | | | 900 994 | | |
| | | 240 | | | | 900 995 | | |
| | | 320 | | | | 900 996 | | |
| | 75 | 36 | SB R 75 SC | 908 929 | SB 75 SC | 908 684 | 12 000 | 50 |
| | | 60 | | | | 908 685 | | |
| | | 80 | | | | 908 686 | | |
| | | 120 | | | | 908 687 | | |
| | | 180 | | | | 908 688 | | |
| | | 240 | | | | 908 689 | | |
| | | 320 | | | | 908 690 | | |



SUN-fix VA (abrasive sheets)

Specially well suited for stainless steel. The added coolant results in an optimum surface and prevents discolouration.

| VA | Ø mm | Grain type | Roll-on | | Turn-on | | Max. RPM |  |
|---|---------|---------------|------------|-----------|----------|-----------|----------|---|
| | | | Type | Order No. | Type | Order No. | | |
|  | 50 | 36 | SB R 50 VA | 908 451 | SB 50 VA | 900 930 | 20 000 | 100 |
| | | 60 | | | | 900 931 | | |
| | | 80 | | | | 900 932 | | |
| | 75 | 36 | SB R 75 VA | 908 460 | SB 75 VA | 900 933 | 12 000 | 50 |
| | | 60 | | | | 900 934 | | |
| | | 80 | | | | 900 935 | | |

SUN-fix FVVS (reinforced non-woven finishing discs)



Ideal for light-duty deburring, for removing pre-grinding marks as well as rust and oxidation. For a clean, smooth surface finish. For all grinding operations finer than grain 80/120.

| FVVS | Ø mm | Grade | Roll-on | | Turn-on | | Max. RPM |  |
|---|---------|----------------|-----------|-----------|---------|-----------|----------|---|
| | | | Type | Order No. | Type | Order No. | | |
|  | 19 | C (coarse) | FVVS R 19 | - | FVVS 19 | 900 940 | 20 000 | 50 |
| | | M (medium) | | | | 900 941 | | |
| | | VF (very fine) | | | | 900 942 | | |
| | 25 | C (coarse) | FVVS R 25 | - | FVVS 25 | 900 943 | 20 000 | 50 |
| | | M (medium) | | | | 900 944 | | |
| | | VF (very fine) | | | | 900 945 | | |
| | 50 | C (coarse) | FVVS R 50 | 908 477 | FVVS 50 | 900 946 | 20 000 | 50 |
| | | M (medium) | | | | 900 947 | | |
| | | VF (very fine) | | | | 900 948 | | |
| | 75 | C (coarse) | FVVS R 75 | 908 480 | FVVS 75 | 900 949 | 12 000 | 25 |
| | | M (medium) | | | | 900 950 | | |
| | | VF (very fine) | | | | 900 950 | | |

| Abrasives | Recommended machines | | | | | |
|--------------|----------------------|-------|-----------------------|-------|-------------------------|-------|
| | Electric power tools | | Pneumatic power tools | | Flexible shaft machines | |
| | Page | Page | Page | Page | Page | Page |
| SUN-fix Ø 19 | | | LWB 20 | 22 | MINIFIX 25-R, ROTOFIX | 28-43 |
| SUN-fix Ø 25 | | | LWB 20 | 22 | MINIFIX 25-R, ROTOFIX | 28-43 |
| SUN-fix Ø 50 | | | LWB 20, LPB 12 | 22 | MINIFIX 25-R, ROTOFIX | 28-43 |
| SUN-fix Ø 75 | UWG 10-R | 16-17 | LPB 12, LWC 16 | 22-24 | MINIFIX 25-R, ROTOFIX | 28-43 |



SUN-fix FVBS (open-web non-woven finishing discs)

Synthetic non-woven fibre discs for fast, effective removal of light oxidation, for preping parts prior to lacquer coating, and for high-gloss effect polishing.

| FVBS | Ø mm | Grade | Roll-on | | Turn-on | | Max. RPM |  |
|---|---------|----------------|-----------|-----------|---------|-----------|----------|---|
| | | | Type | Order No. | Type | Order No. | | |
|  | 25 | C (coarse) | FVBS R 25 | – | FVBS 25 | 913 034 | 20 000 | 50 |
| | | M (medium) | | – | | 913 035 | | |
| | | F (fine) | | – | | 913 036 | | |
| | | VF (very fine) | | – | | 913 037 | | |
| 50 | 50 | C (coarse) | FVBS R 50 | 913 046 | FVBS 50 | 913 038 | 20 000 | 50 |
| | | M (medium) | | 913 047 | | 913 039 | | |
| | | F (fine) | | 913 048 | | 913 040 | | |
| | | VF (very fine) | | 913 049 | | 913 041 | | |
| 75 | 75 | C (coarse) | FVBS R 75 | 913 050 | FVBS 75 | 913 042 | 12 000 | 25 |
| | | M (medium) | | 913 051 | | 913 043 | | |
| | | F (fine) | | 913 052 | | 913 044 | | |
| | | VF (very fine) | | 913 053 | | 913 045 | | |


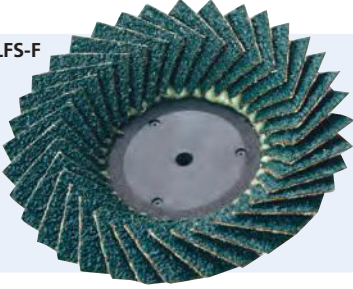
SUN-fix LFS (mini ribbed discs)

Low-temperature, gentle, fatigue-free grinding. extremely long service life, and consistent grinding performance. Suitable for stainless steel, cast steel, steel, chromium and nickel alloys, non-ferrous metals and aluminium.

| LFS | Ø mm | Grain type | Roll-on | | Turn-on | | Max. RPM |  |
|--|---------|------------|-------------|-----------|---------|-----------|----------|--|
| | | | Type | Order No. | Type | Order No. | | |
|  | 50 | 40 | LFS R 50 VA | 908 785 | – | – | 20 000 | 10 |
| | | 60 | | 908 786 | | – | | |
| | | 80 | | 908 787 | | – | | |
| 75 | 75 | 40 | LFS R 75 VA | 908 788 | – | – | 12 000 | 10 |
| | | 60 | | 908 789 | | – | | |
| | | 80 | | 908 790 | | – | | |



SUN-fix LFS-F (flexible mini ribbed discs)

Optimum cooling of both disc and workpiece, ideal for use in curved areas and radii. Suitable for stainless steel, cast steel, steel, chromium and nickel alloys, non-ferrous metals and aluminium.

| LFS-F | Ø mm | Grain type | Roll-on | | Turn-on | | Max. RPM |  |
|---|---------|------------|---------------|-----------|---------|-----------|----------|---|
| | | | Type | Order No. | Type | Order No. | | |
|  | 50 | 40 | LFS-F R 50 VA | 908 791 | – | – | 20 000 | 10 |
| | | 60 | | 908 792 | | – | | |
| | | 80 | | 908 793 | | – | | |
| 75 | 75 | 40 | LFS-F R 75 VA | 908 794 | – | – | 12 000 | 10 |
| | | 60 | | 908 795 | | – | | |
| | | 80 | | 908 796 | | – | | |

SUN-fix SBH (backing pad)

SBH with detachable 6 mm shaft and ¼" inner thread or with M14 inner thread for angle grinders.

| SBH | Ø mm | Hardness | Roll-on | | Turn-on | | Max. RPM |  |
|---|---------|----------|-----------|-----------|---------|-----------|----------|---|
| | | | Type | Order No. | Type | Order No. | | |
|  | 6 | – | SBH R | – | SBH | 900 976 | 20 000 | 1 |
| | 19 | medium | | – | | 900 970 | | |
| | 25 | medium | | 908 797 | | 900 971 | | |
| | 50 | medium | | 908 525 | | 900 972 | | |
| | 50 | hard | | 909 104 | | 900 973 | | |
| | 75 | medium | | 908 526 | | 900 974 | | |
| | 75 | hard | | – | | 900 975 | | |
| SBH M14 | 50 | medium | SBH R M14 | 908 601 | SBH M14 | 908 599 | 20 000 | 1 |
| | 75 | medium | | 908 602 | | 908 600 | 12 000 | |

Electric power tools

Power packs with typically high efficiency ratings

UPK 5-R



UWK 10-R

Angle grinders and special tools

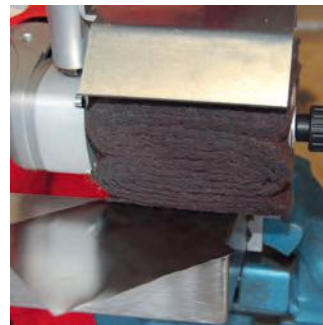
SUHNER electric power tools – high output power, safety and reliability guaranteed.

High output with a low tool weight.


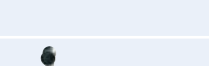

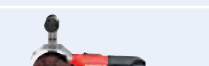
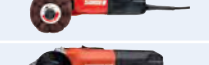
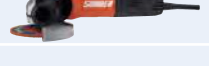

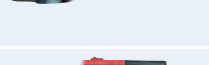
Electric grinders designed specially for industry and trade.

Spindle lock for quick disc change.

Ergonomic design and smooth running for effortless, concentrated work.





| Type | Designation | Voltage | Order No. | Power | RPM | Working spindle | |
|---|---------------------|------------------------------|-----------|---------|--------|-----------------|-----------|
|  | UWK 10-R 125 | Angle grinders (adjustable) | 230 V | 111 200 | 1530 W | 4600-10500 | M14 |
|  | UWK 10-R 150 | Angle grinders (adjustable) | 230 V | 111 204 | 1530 W | 4600-10500 | M14 |
|  | UPK 5-R | Angle polisher (adjustable) | 230 V | 111 236 | 1530 W | 1800-4000 | 19x100 mm |
|  | UPG 5-R | Angle polisher (adjustable) | 230 V | 111 234 | 1050 W | 1800-4000 | 19x100 mm |
|  | UWG 10-R 125 | Angle grinders (adjustable) | 230 V | 111 208 | 1050 W | 4200-10000 | M14 |
|  | UWC 7 | Single-handed angle grinders | 230 V | 111 107 | 500 W | 7000 | M14 |
|  | UWC 10 | Single-handed angle grinders | 230 V | 111 109 | 500 W | 10000 | M14 |
|  | UKC 3-R | Fillet weld grinders | 230 V | 111 206 | 500 W | 1400-3200 | M14 |

Slim-line power tools

Optimum speeds for a variety of applications

Straight grinders

SUHNER high-performance straight grinders cover all areas of application at both high and low speeds.

Optimum machine handling thanks to long spindle housings.

Electronic speed control on all models for variable selection of the optimum speed.

Electric file

Flexible use (e. g. construction site)

Adjustable stroke speed

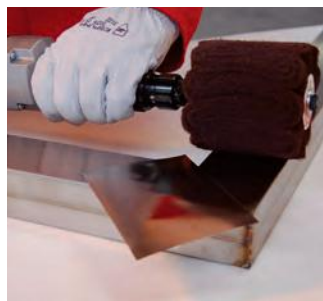
Digital electronics ensures constant working speed

Undervoltage protection. Unintentional activation following a voltage interruption, even with the machine on, is impossible

Can also be used in tight access points



| Type | Designation | Voltage | Order No. | Power | RPM | Collet mm | |
|------|-------------|--------------------------------|-----------|---------|--------|-----------|----|
| | USK 3-R | Straight grinders (adjustable) | 230 V | 111 194 | 1530 W | 1400–3000 | 12 |
| | USK 6-R | Straight grinders (adjustable) | 230 V | 111 196 | 1530 W | 2800–5800 | 6 |
| | USK 15-R | Straight grinders (adjustable) | 230 V | 111 196 | 1530 W | 2800–5800 | 6 |








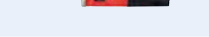

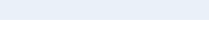
USG 33-R

UMB 4-RQ

USC 25-R

UMC 6-R

USC 9-R

| Type | Designation | Designation | Voltage | Order No. | Power | RPM | Collet mm |
|---|-----------------|--------------------------------|---------|-----------|--------|-------------|-----------|
|  | USC 9-R | Straight grinders (adjustable) | 230 V | 111 241 | 1050 W | 3800-8300 | 6 |
|  | USG 33-R | Straight grinders (adjustable) | 230 V | 111 214 | 1050 W | 15000-33000 | 6 |
|  | UMB 4-RQ | Cross stroke file (adjustable) | 230 V | 111 259 | 270 W | 1500-3750 | 6 |
|  | USC 9-R | Straight grinders (adjustable) | 230 V | 111 079 | 500 W | 4000-9000 | 6 |
|  | UMC 6-R | Electric file (adjustable) | 230 V | 111 247 | 500 W | 2300-5250 | 6 |
|  | USC 25-R | Straight grinders (adjustable) | 230 V | 110 080 | 500 W | 11000-25000 | 6 |

Akku-Serie

Mobile, enduring, powerful:
The Suhner Battery Range.

ABC 7



AKC 3



ABC 7-Set



AKC 3-Set

1 machine, 2 battery packs, and 1 charger and case
4 connecting lines for international use

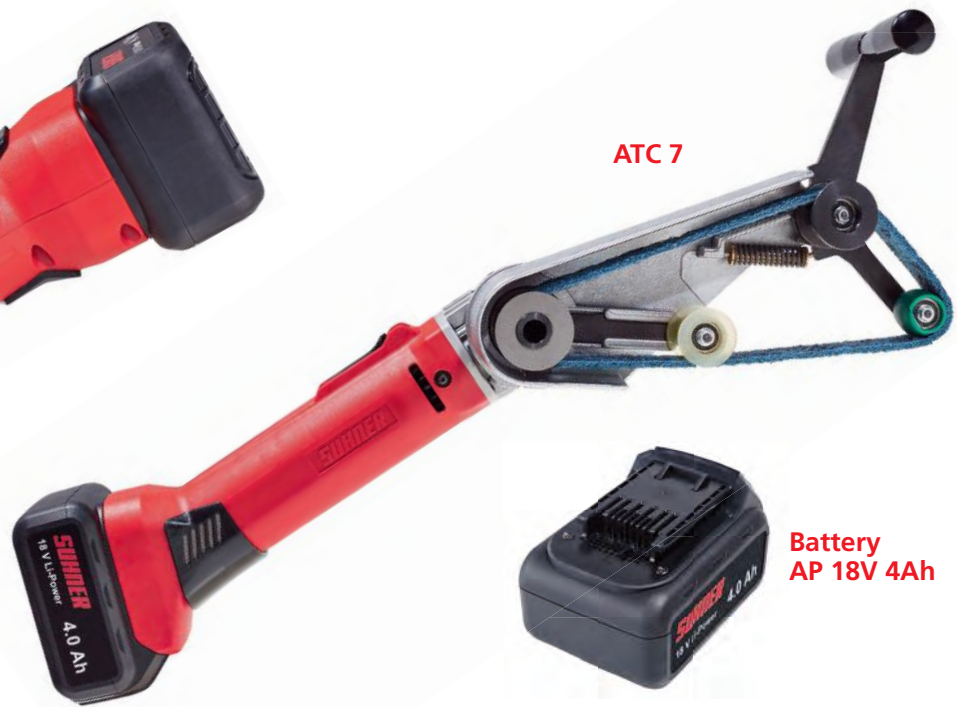
| | |
|--------------------------|-------------------------|
| Capacity | 4 Ah |
| Voltage | 18 V |
| Speed | 7 000 min ⁻¹ |
| Belt dimensions | 3/6/12 × 520 |
| Weight with battery pack | 2,4 kg |
| Part-No. | 111 263 01 |

1 machine, 2 battery packs, and 1 charger and case
4 connecting lines for international use

| | |
|--------------------------|-------------------------|
| Capacity | 4 Ah |
| Voltage | 18 V |
| Speed | 3 000 min ⁻¹ |
| Weight with battery pack | 2,2 kg |
| Part-No. AKC 3 Set M14 | 111 265 01 |
| Part-No. AKC 3 Set 5/8" | 111 265 03 |



ASC 9



ATC 7



Battery AP 18V 4Ah

| | |
|----------|------------|
| Capacity | 4 Ah |
| Voltage | 18 V |
| Part-No. | 111 267 01 |



ASC 9-Set



ATC-Set

1 machine, 2 battery packs, and 1 charger and case
 4 connecting lines for international use

| | |
|--------------------------|------------------------|
| Capacity | 4 Ah |
| Voltage | 18 V |
| Speed | 9000 min ⁻¹ |
| Weight with battery pack | 2,0 kg |
| Part-No. ASC 9 Set 6 mm | 111 266 01 |
| Part-No. ASC 9 Set 1/4" | 111 266 03 |

1 machine, 2 battery packs, and 1 charger and case
 4 connecting lines for international use

| | |
|--------------------------|------------------------|
| Capacity | 4 Ah |
| Voltage | 18 V |
| Speed | 7000 min ⁻¹ |
| Belt dimensions | 30 x 533 mm |
| Weight with battery pack | 2,9 kg |
| Part-No. | 111 264 01 |

Pneumatic power tools

High-powered sensitivity at your fingertips



LWA 80

LWA 81

LGS 30

LWA 80/81

Small lightweight angle grinders.
Suitable for fine milling and grinding.
"80" with air exhaust to the front (adjustable).
"81" with air exhaust to the rear (hose-integrated silencer).

LGS 30

Marking pen with carbide point for engraving metal, glass, stone and plastics.
Vibration-free operation.

| Type | Designation | Order No. | Idling RPM | Collet mm | Power | Air consumption when idling (m ³ /min) | Exhaust air | Weight kg |
|--------|----------------|-----------|-------------------|-----------|-------|---|--------------|-----------|
| LWA 80 | Angle grinders | 47 516 01 | 80000 | 3 | 75 W | 0.200 | to the front | 0.120 |
| LWA 81 | Angle grinders | 57 970 01 | 80000 | 3 | 75 W | 0.200 | to the rear | 0.270 |
| LGS 30 | Engraving pen | 57 950 01 | 30000 (frequency) | – | – | 0.030 | to the front | 0.150 |

LSA 61/77 / 80 / 81

Straight grinders in mini-format.

Extremely light power tool, as light as a pencil in your hand. Ideal for tool and mould design.

Tough, durable, and with a proven track record.

"80" with air exhaust to the front (adjustable).

"81" with air exhaust to the rear (hose-integrated silencer).



| Type | Designation | Order No. | Idling RPM | Collet mm | Power | Air consumption when idling (m ³ /min) | Exhaust air | Weight kg |
|--------|-------------------|-----------|------------|-----------|-------|---|--------------|-----------|
| LSA 61 | Straight grinders | 59 100 02 | 60000 | 3 | 75 W | 0.200 | to the rear | 0.310 |
| LSA 77 | Straight grinders | 112 013 | 77000 | 3 | 110 W | 0.310 | to the rear | 0.344 |
| LSA 80 | Straight grinders | 47 479 01 | 80000 | 3 | 75 W | 0.200 | to the front | 0.160 |
| LSA 81 | Straight grinders | 57 070 01 | 80000 | 3 | 75 W | 0.200 | to the rear | 0.310 |

Pneumatic power tools

Hands-on grinding solutions...

LWB 20 DH



LSB 35/20 DH



LPB 12 DH



LWB 20 DH, LSB 35/20 DH, LPB 12 DH

High-powered straight grinders and angle grinders with lever throttle.

Optimised gear mounting, ideally suited for working in confined spaces.

Extremely compact yet highly powerful.

The LPB 12 DH with ¼" working spindle, compatible with SUN-fix quick-release system (p. 11–13).

| Type | Designation | Order No. | Idling RPM | Collet/spindle mm | Power | Air consumption when idling (m ³ /min) | Exhaust air | Weight kg |
|-----------|-------------------|-----------|------------|-------------------|-------|---|--------------|-----------|
| LWB 20 DH | Angle grinders | 59 352 01 | 20000 | 6 | 250 W | 0.52 | to the front | 0.370 |
| LSB 35 DH | Straight grinders | 59 350 01 | 35000 | 6 | 220 W | 0.52 | to the front | 0.290 |
| LSB 20 DH | Straight grinders | 59 320 01 | 20000 | 6 | 270 W | 0.59 | to the front | 0.400 |
| LPB 12 DH | Angle grinders | 59 351 02 | 12000 | ¼" spindle | 250 W | 0.48 | to the front | 0.390 |



LSB 44 DH

The LSB 44 DH is a powerful straight grinder with multi-disc motor and ergonomically shaped grip.

LFC 11

All-purpose pneumatic file for deburring, filing, grinding, polishing, cutting, sawing, etc.
 Features include a steplessly adjustable stroke (2–8 mm) and high operating speed (12000 RPM)
 Practically noise and vibration-free.

| Type | Designation | Order No. | Idling RPM | Collet mm | Power | Air consumption when idling (m ³ /min) | Exhaust air | Weight kg |
|------------|----------------------------|-----------|------------|-----------|-------|---|-------------|-----------|
| LSB 44 DH | Straight grinders | 59 330 01 | 44000 | 6 | 250 W | 0.52 | to the rear | 0.340 |
| LFC 11 | All-purpose pneumatic file | 112 014 | 12000 | – | 300 W | 0.3 | to the rear | 0.900 |
| LFC 11 set | All-purpose file set | 112 015 | 12000 | – | 300 W | 0.3 | to the rear | 2.087 |

Pneumatic power tools

State-of-the-art and power-packed

- Rear exhaust with integral silencer
- Modern design and ergonomically shaped grip by SUHNER
- Straight and angle in compact form
- Extremely quiet, lightweight and portable
- Governor control ■ – constant speed under load
- Ergonomic design, cold-insulating plastic housing
- Elastic mounting ▲, low vibration
- Safety lever throttle

Belt grinder

- Compact pneumatic belt grinder with 320 W / 350 W output.
- Available with a range of contact arms.
- Easy-to-change contact arms and trouble-free belt adjustment.



LSC 10

LSC 20
LSC 35
LSB 14
LSB 25

LWB 4

LPB 4 / LPC 12

| Pneumatic machines Type | Designation | Order No. | Idling RPM | Collet mm | Power | Air consumption when idling (m ³ /min) | Exhaust air | Weight kg |
|-------------------------|------------------|------------|------------|--------------|-------|---|-------------|-----------|
| LSC 10 | Straight Grinder | 112 036 01 | 8600 | 6 mm | 350 W | 0.80 | to the rear | 0.550 |
| LSC 20 ■ ▲ | Straight Grinder | 112 028 01 | 20000 | 6 mm | 350 W | 0.28 | to the rear | 0.380 |
| LSC 35 ▲ | Straight Grinder | 112 029 01 | 35000 | 6 mm | 350 W | 0.80 | to the rear | 0.380 |
| LSB 14 ■ ▲ | Straight Grinder | 112 042 01 | 14000 | 6 mm | 250 W | 0.20 | to the rear | 0.380 |
| LSB 25 ■ ▲ | Straight Grinder | 112 019 01 | 25000 | 6 mm | 250 W | 0.33 | to the rear | 0.380 |
| LWB 4 ■ | Angle Grinder | 112 018 01 | 4500 | 6 mm | 250 W | 0.20 | to the rear | 0.490 |
| LPB 4 ■ | Angle Grinder | 112 021 01 | 4500 | 1/4" Spindel | 250 W | 0.20 | to the rear | 0.420 |
| LPC 12 | Angle Grinder | 112 027 01 | 11000 | 1/4" Spindel | 350 W | 0.80 | to the rear | 0.420 |
| LLC 4 ■ ▲ | Straight Grinder | 112 037 01 | 4600 | 6 mm | 320 W | 0.22 | to the rear | 0.730 |
| LLC 20 ■ | Straight Grinder | 112 030 01 | 20000 | 6 mm | 350 W | 0.28 | to the rear | 0.560 |
| LLC 35 ▲ | Straight Grinder | 112 020 01 | 35000 | 6 mm | 350 W | 0.80 | to the rear | 0.560 |



**LWC 10 / LWC 13
 LWC 16 / LWC 20**



LLC 4



LLC 20 / LLC 35



LVC 4 / LVB 13 / LVC 20

| Pneumatic machines Type | Designation | Order No. | Idling RPM | Collet mm | Power | Air consumption when idling (m ³ /min) | Exhaust air | Weight kg |
|-------------------------|---------------|------------|------------|-----------|-------|---|-------------|-----------|
| LWC 10 ■ | Angle Grinder | 112 022 01 | 10000 | 6 mm | 320 W | 0.22 | to the rear | 0.490 |
| LWC 13 ■ | Angle Grinder | 112 033 01 | 13500 | 6 mm | 350 W | 0.28 | to the rear | 0.490 |
| LWC 16 ■ | Angle Grinder | 112 024 01 | 16000 | 6 mm | 350 W | 0.46 | to the rear | 0.490 |
| LWC 20 | Angle Grinder | 112 034 01 | 21000 | 6 mm | 350 W | 0.80 | to the rear | 0.490 |
| LVC 4 ■ | Angle Grinder | 112 035 01 | 4000 | 6 mm | 320 W | 0.22 | to the rear | 0.900 |
| LVB 13 ■ | Angle Grinder | 112 025 01 | 13000 | 6 mm | 250 W | 0.20 | to the rear | 0.730 |
| LVC 20 ■ | Angle Grinder | 112 026 01 | 20'000 | 6 mm | 350 W | 0.28 | to the rear | 0.730 |

LWG, LLG, LSG

900 W: Outstanding design-to-power ratio.
 State-of-the-art noise reduction technology.
 Exhaust air expelled to the rear.



LSG 16 H
LSG 20 H

LLG 4 H
LLG 16 H
LLG 20 H

LWG 12 H

| Pneumatic machines Type | Designation | Order No. | Idling RPM | Collet/spindle mm | Power | Air consumption when idling (m ³ /min) | Exhaust air | Weight kg |
|-------------------------|------------------------------------|-----------|------------|-------------------|-------|---|-------------|-----------|
| LWG 12 H | Angle grinders | 112 006 | 12000 | M 14 | 900 W | 0.700 | to the rear | 1.700 |
| LLG 4 H | Extended spindle straight grinders | 112 003 | 4000 | 6 | 900 W | 0.700 | to the rear | 1.700 |
| LLG 16 H | Extended spindle straight grinders | 112 004 | 16000 | 6 | 900 W | 0.700 | to the rear | 1.600 |
| LLG 20 H | Extended spindle straight grinders | 112 005 | 20000 | 6 | 900 W | 1.000 | to the rear | 1.600 |
| LSG 16 H | Straight grinders, short | 112 001 | 16000 | 6 | 900 W | 0.700 | to the rear | 1.100 |
| LSG 20 H | Straight grinders, short | 112 002 | 20000 | 6 | 900 W | 1.000 | to the rear | 1.100 |

Powerful machines with flexible shafts fulfill every wish of every mold maker

For all grinding work, stationary or at worksites. There are no limits to the range of applications for which the flexible shaft machines can be used. Mechanical gears for compact and direct power transmission.



Flexible shaft machines: Facts

The separation of drive unit and the tool itself provides for complete freedom of operation, without fatigue, during long working periods. Additionally, areas difficult to reach with other tools can be worked effectively with flexible shaft machines.

Some advantages of machines with flexible shafts:

- Wider fields of application, with universal combination possibilities.
- Light and handy tools, related to specific performance.
- Operation in restricted areas.
- Wide speed range.
- Constant speed.
- High cutting capacity.
- Unaffected by constant rough working conditions.
- Rugged construction – long working life.
- Pollution-free – low noise levels.

MINIFIX

Precision work in a class of its own

Very lightweight and easy to handle, fatigue-free operation guaranteed.
Intricate right-angled and straight handpieces for optimum application.

MINIFIX 25-R:

Integrated variable tachometer electronics
Speed control from 11000–25000 RPM

MINIFIX 9-R:

Integrated variable tachometer electronics
Speed control from 4000–9000 RPM

Areas of application:

Tool and mould design, jewellery and dental industry, engine tuning, model making, etc., for use with carbide burrs, grinding tips, flap wheels (up to \varnothing 40 mm), wire brushes (up to \varnothing 40 mm), polishing bobs, felt polishing bobs, non-woven fibre brushes and discs.

Technical data

Universal motor, fully insulated, 230/120 V, 50/60 Hz

Power input:
MINIFIX 25-R 500 W
MINIFIX 9-R 500 W

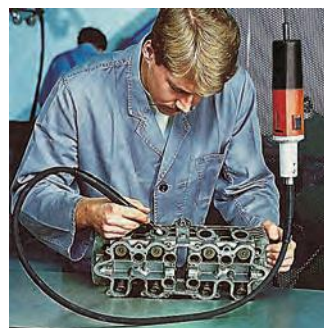
Idling speed:
MINIFIX 25-R 11000–25000 RPM
MINIFIX 9-R 4000–9000 RPM

Flexible shaft connection: DIN 10

Vibration dampening for low-vibration motor











Standard equipment





Tool only: 3 m cable with plug, 2 locking pins, type 10



| Type | Designation | Voltage | Order No. | Weight kg |
|---|------------------|--------------|-----------|-----------|
|  | MINIFIX 25-R set | 230 V, 50 Hz | 110 153 | 4.650 |
| | | 120 V, 60 Hz | 110 154 | |
| <p>Complete flexible shaft set: Fully insulated drive motor, 3 m cable with plug, flexible shaft NA 4 x 1250 mm DIN 10/G16, FH4 tool holder with 6 mm collet.</p> <p>Tool set: 1 ceramic-bond mounted point K 0816 V, B 1303 V, F 0808 V, 1 mounted polishing point FPB 1208, 1 set of spanners, metal carrier case.</p> | | | | |

Combination options

| Type | Order No. | Type | Order No. | | | | | | | | |
|--|---|--|-----------|--------------|---------|-------|--------------|---------|------------------|---|-----------|
|  | DIN10 —  — G 16 |  FH 4 (6 mm) | 57 570 01 | | | | | | | | |
| | |  WI 4 (3 mm) | 57 661 01 | | | | | | | | |
| MINIFIX 25-R | NA 4 x 1250 DIN 10 / G 16 |  WB 4 | 110 220 | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Voltage</th> <th>Order No.</th> <th>Weight kg</th> </tr> </thead> <tbody> <tr> <td>230 V, 50 Hz</td> <td>110 163</td> <td rowspan="2">1.650</td> </tr> <tr> <td>120 V, 60 Hz</td> <td>110 164</td> </tr> </tbody> </table> | Voltage | Order No. | Weight kg | 230 V, 50 Hz | 110 163 | 1.650 | 120 V, 60 Hz | 110 164 | 30 002 02 |  FH 7 (6 mm) | 49 530 01 |
| Voltage | Order No. | Weight kg | | | | | | | | | |
| 230 V, 50 Hz | 110 163 | 1.650 | | | | | | | | | |
| 120 V, 60 Hz | 110 164 | | | | | | | | | | |
|  | DIN10 —  — G 22 |  WI 7 (6 mm) | 57 645 01 | | | | | | | | |
| | |  WI 7 -45° (6 mm) | 57 662 01 | | | | | | | | |
| MINIFIX 9-R | NA 7 x 1500 DIN 10 / G 22 | 30 007 02 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Voltage</th> <th>Order No.</th> <th>Weight kg</th> </tr> </thead> <tbody> <tr> <td>230 V, 50 Hz</td> <td>110 202</td> <td rowspan="2">2.300</td> </tr> <tr> <td>120 V, 60 Hz</td> <td>110 203</td> </tr> </tbody> </table> | Voltage | Order No. | Weight kg | 230 V, 50 Hz | 110 202 | 2.300 | 120 V, 60 Hz | 110 203 | | | |
| Voltage | Order No. | Weight kg | | | | | | | | | |
| 230 V, 50 Hz | 110 202 | 2.300 | | | | | | | | | |
| 120 V, 60 Hz | 110 203 | | | | | | | | | | |

| DIN 10 extension system | Order No. | | Weight kg | |
|---|-----------|---|-----------|---|
|  | 59 231 01 | Connection for flexible shaft machine Minifix 9-R | 1.100 | Individually combinable to required length, up to max. 5 m. |
|  | 59 189 01 | Extension, length 400 mm | 1.150 | |
|  | 59 189 02 | Extension, length 1000 mm | 2.800 | |
|  | 59 190 01 | Front piece, length 140 mm (6 mm collet) | 0.360 | |

ROTOSET

Taking it to the next level

Power tools with universal motor.

ROTOSET 25-R:

Integrated variable tachometer electronics:
Speed control from 11000–25000 RPM
Constant operating speeds, even under load
Overload protection

ROTOSET 28:

28000 RPM high-speed power tool, with no electronics

Suitable for use with external speed controllers, e.g. with SC 01 controllable from approx. 10000 to 28000 RPM.

Areas of application:

Grinding, milling, roughing, cutting, brushing and polishing for DIY, precision engineering, tool and mould design, engine tuning, assembly work.

Technical data

Universal motor, fully insulated, 230/120 V, 50/60 Hz

Power input:
ROTOSET 25-R, 1000 W
ROTOSET 28, 750 W

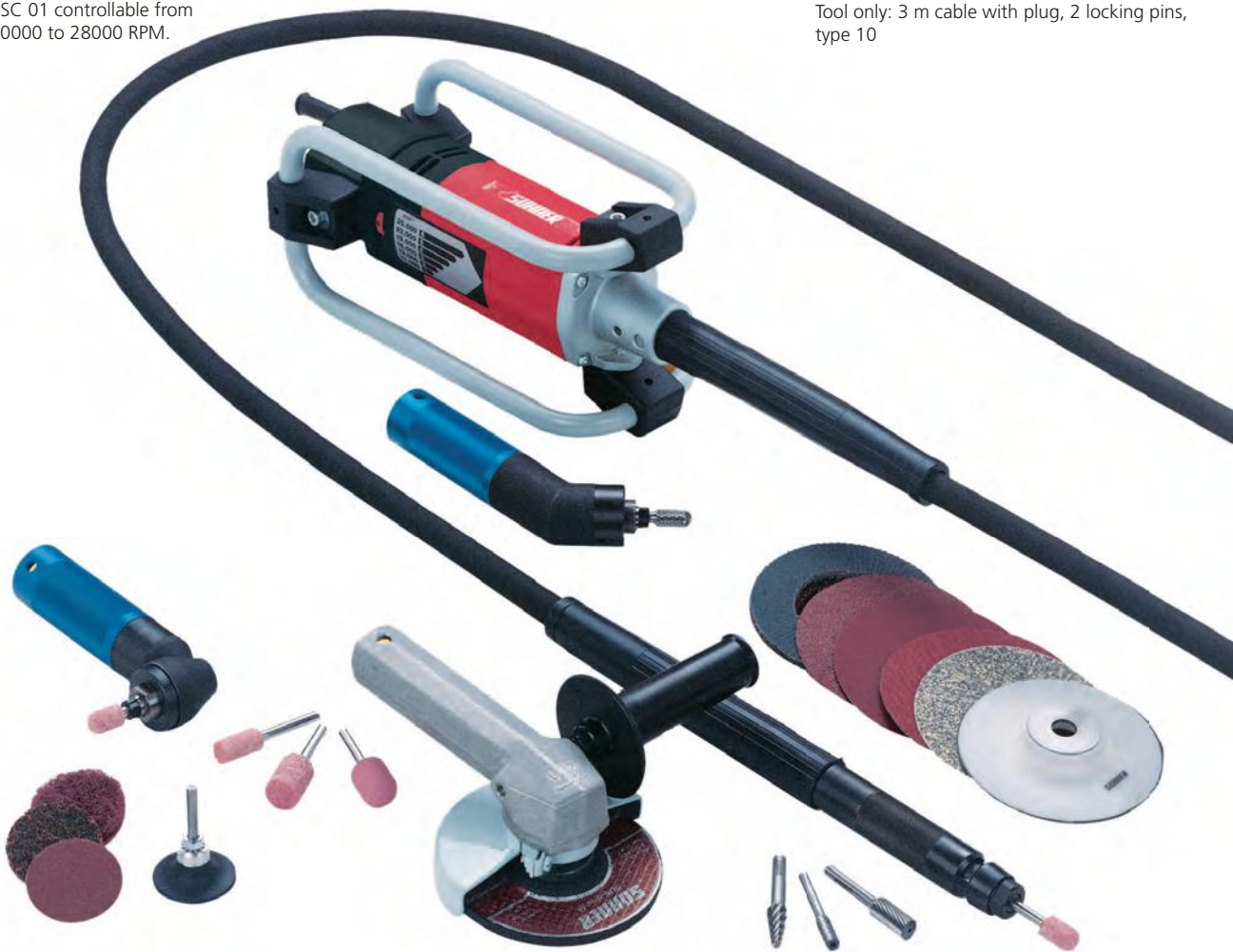
Idling speed:
ROTOSET 25-R, 11000–25000 RPM
ROTOSET 28, 28000 RPM


Flexible shaft connection: DIN 10


Vibration dampening for low-vibration motor

Standard equipment








Tool only: 3 m cable with plug, 2 locking pins, type 10



| Type | Designation | Voltage | Order No. | Weight kg |
|---|-------------------------|---|-----------|-----------|
|  | ROTOSET 25-R Set | 230 V, 50 Hz | 110 159 | 11.000 |
| | | 120 V, 60 Hz | 110 160 | |
| | ROTOSET 28 Set | 230 V, 50 Hz | 110 157 | 11.000 |
| | | 120 V, 60 Hz | 110 158 | |
| Complete ROTOSET kit: | | <p>Universal motor, fully insulated, with combined foot and suspension bracket, 3 m cable and plug. Flexible shaft NA 7 x 2000 mm, DIN 10/G22; FH 7 tool holder with 6 mm collet; angle grinder attachment WIG7 (2.7:1 reduction ratio) with wheel guard and flange for grinding and cutting wheels 115 mm Ø.</p> <p>Tool set: 1 grinding disc 115 mm Ø, 1 cutting disc 115 mm Ø, 1 steel wire cup brush TDB 70, 70 mm Ø, 1 synthetic backing pad type FSS 110, 2 off corundum fibre wheels type KFS 115 ST grain 60 and 120, 1 set of spanners, sturdy metal carrier case.</p> | | |

| Type | Designation | Voltage | Order No. | Weight kg |
|--|--------------|--|-----------|-----------|
|  | SC 01 | 230 V, 50 Hz | 110 039 | 1.200 |
| | | 120 V, 60 Hz | 110 070 | |
| Electronic speed controller for ROTOSET 28 | | Speed control range approx. 10000–28000 RPM. | | |

Combination options

| Type | Order No. | Type | Order No. | | | | | | | | | | | |
|---|--------------|---|------------------------------|---------|-----------|-----------|--------------|---------|-------|--------------|---------|---|---|-----------------------------------|
|  | DIN10 |  | FH 7 (6 mm) 49 530 01 | | | | | | | | | | | |
| | |  | WI 7 (6 mm) 57 645 01 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="3">ROTOSET 25-R</th> </tr> <tr> <th>Voltage</th> <th>Order No.</th> <th>Weight kg</th> </tr> </thead> <tbody> <tr> <td>230 V, 50 Hz</td> <td>110 152</td> <td rowspan="2">2.850</td> </tr> <tr> <td>120 V, 60 Hz</td> <td>110 151</td> </tr> </tbody> </table> | ROTOSET 25-R | | | Voltage | Order No. | Weight kg | 230 V, 50 Hz | 110 152 | 2.850 | 120 V, 60 Hz | 110 151 | DIN10 |  | WI 7 -45° (6 mm) 57 662 01 |
| ROTOSET 25-R | | | | | | | | | | | | | | |
| Voltage | Order No. | Weight kg | | | | | | | | | | | | |
| 230 V, 50 Hz | 110 152 | 2.850 | | | | | | | | | | | | |
| 120 V, 60 Hz | 110 151 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="3">ROTOSET 28</th> </tr> <tr> <th>Voltage</th> <th>Order No.</th> <th>Weight kg</th> </tr> </thead> <tbody> <tr> <td>230 V, 50 Hz</td> <td>110 150</td> <td rowspan="2">2.850</td> </tr> <tr> <td>120 V, 60 Hz</td> <td>110 149</td> </tr> </tbody> </table> | ROTOSET 28 | | | Voltage | Order No. | Weight kg | 230 V, 50 Hz | 110 150 | 2.850 | 120 V, 60 Hz | 110 149 |  | WIG 7 (2.7:1) 49 608 04 | |
| ROTOSET 28 | | | | | | | | | | | | | | |
| Voltage | Order No. | Weight kg | | | | | | | | | | | | |
| 230 V, 50 Hz | 110 150 | 2.850 | | | | | | | | | | | | |
| 120 V, 60 Hz | 110 149 | | | | | | | | | | | | | |
|  | |  | WB 7 110 221 | | | | | | | | | | | |
| NA 7 x 2000 DIN 10 / G 22 | | 49 790 01 | | | | | | | | | | | | |

ROTOSTAR

The starring role when versatility is key

SUHNER high-performance tool with fully insulated motor.

High torque at all speed levels due to eccentric gear reduction.

For high-performance work even in areas difficult to access.

Jolt-free soft start (230 V types) for enhanced operating safety.

Startup current limitation for use on power grids with low fuse ratings or on generators.

Areas of application:

Cutting, roughing, milling, grinding, de-rusting, brushing, polishing, for medium to heavy-duty work in mechanical workshops, fitters and metal-working shops, tool and mould design, and off-site assembly work.

Technical data

Universal motor, fully insulated, 230/120 V, 50/60 Hz

Power input: 1700 W

Speeds: 3000, 6000, 12000 RPM (mechanical, through eccentric gear)


Flexible shaft connection: DIN 10

Vibration dampening for low-vibration motor


Standard equipment

Tool only: 3 m cable with plug, 2 locking pins, type 10



| Type | Designation | Voltage | Order No. | Weight kg |
|--|---------------------|----------------------------|-----------|-----------|
|  | ROTOSTAR set | 230 V, 50 Hz, single phase | 110 143 | 19.800 |
| | | 120 V, 60 Hz, single phase | 110 144 | |
| <p>Complete flexible shaft set: Fully insulated universal motor with 3 speeds (3000, 6000, 12000 RPM), 3 m cable with plug, with flexible shaft NA 10x2000 mm DIN 10/ G28, FH 10 tool holder with 6 mm collet, sturdy metal carrier case, set of spanners.</p> | | | | |

Combination options

| Type | Order No. | Type | Order No. | |
|---|--|--|-------------------------|----------------------------------|
|  | NA 7 × 1500 DIN 10 / G 22 30 007 02 | FH 7 (6 mm) 49 530 01 | | |
| | | WI 7 (6 mm) 57 645 01 | | |
| | | WI 7 -45° (6 mm) 57 662 01 | | |
| | NA 10 × 2000 DIN 10 / G 28 30 026 03 | FH 10 (6 mm) 57 170 01 | | |
| | | WI 10 (6 mm) 57 645 03 | | |
| | | WI 10 -45° (6 mm) 57 662 03 | | |
| | NA 12 × 2000 DIN 10 / G 28 30 029 02 | G 28 WB 10 110 222 | | |
| | BSG 10/50 52 630 01 | FTM 110 223 | WB 10 110 222 | FSM 1:1 M 14 57 891 01 |

ROTOFIX

The all-rounder

Gear-driven tool with 5 speeds.

Extremely rugged design for trouble-free operation.

Three-phase motor for optimum use of tools and grinding attachments.

Multi-purpose tool with extensive selection of **SUHNER** quality accessories.

Choice of 3 models

F: with base plate

STM: trolley-mounted

HM: with suspending attachment

Technical data:

Three-phase motor, IP 44 protection class

Power input: 0.50 kW

Voltage 400 V, 50 Hz

Speeds 750, 1400, 3000, 6300 and 11000 RPM

Flexible shaft connection:

for Switzerland and for general exports:

G28, (type HM DIN 10);

for Germany, Denmark and Holland: DIN 10

Motor and gear drive fully enclosed and jacket-cooled, with built-in ON/OFF switch, carrying handle, 3 m cable, manually switchable gear change at standstill, swivel-mounted unit


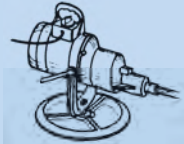
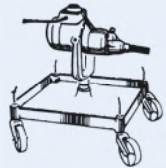
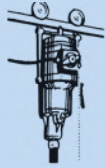
Also available with insulation coupling.

Protection class 1


















Areas of application:

Grinding, milling, brushing, polishing and drilling for mould and tool design. In mechanical workshops, in the shoe and glass industry.



| ROTOFIX | | F | STM | HM | | |
|---|---------------------------|---|---|---|---------|---------|
|  | |  |  |  | | |
| Flexible shaft connection: | | G 28 | DIN 10 | G 28 | DIN 10 | DIN 10 |
| Order No. | 400 V, 50 Hz, three-phase | 110 007 | 110 008 | 110 011 | 110 012 | 110 010 |
| Weight kg | | 11.500 | 11.500 | 31.800 | 31.800 | 12.150 |

Combination options

| | Type | Order No. | Type | Order No. | | |
|---|--|---|---|--|--|-----------|
|  ROTOFIX G 28 0.50 kW 750, 1400, 3000, 6300 and 11000 RPM | G 28 |  NA 4 x 1250 G 28 / G 16 | G 16 |  FH 4 (6 mm) | 57 570 01 | |
| | |  NA 7 x 1500 G 28 / G 22 | G 22 |  Wi 4 (3 mm) | 57 661 01 | |
| | |  RG G 28 | 10 510 01 |  FH 7 (6 mm) | 49 530 01 | |
| |  ROTOFIX DIN 10 0.50 kW 750, 1400, 3000, 6300 and 11000 RPM | DIN 10 |  NA 4 x 1250 DIN 10 / G 16 | G 16 |  FH 4 (6 mm) | 57 570 01 |
| | | |  NA 7 x 1500 DIN 10 / G 22 | G 22 |  Wi 4 (3 mm) | 57 661 01 |
| | | |  RG DIN 10 | 10 510 03 |  WB 4 | 110 220 |
| | | | G 16 |  FH 7 (6 mm) | 49 530 01 | |
| | | | G 22 |  Wi 7 (6 mm) | 57 645 01 | |
| | | | |  WB 7 | 110 221 | |

High-speed gear unit RG for speeds in excess of 12000 RPM with NA 4 and NA 7.

The machines are supplied without a plug. A suitable plug must therefore be fitted by an approved and qualified specialist.

ROTOFERA

The seven-speed genius

Gear-driven tool with 7 speeds – saves energy and costs.

Long service life and maximum performance with 1.00 kW three-phase motor.

Versatile multi-purpose machine, backed up by an extensive range of **SUHNER** quality accessories.

Very rugged aluminium housing for use in industrial applications.

Choice of 3 models

F: with base plate

STM: trolley-mounted

HM: with suspending attachment

Areas of application:

Cutting, roughing, grinding, milling, de-rusting, brushing and polishing. For exacting work in mechanical workshops, fitters' shops and metalworking shops, in mould and tool design, in stainless steel processing plants (kitchen and hospital accessories).

Technical data:

Three-phase motor, IP 44 protection class

Power input 1.00 kW

Voltage 400 V, 50 Hz

Speeds 850, 1600, 2100, 3200, 5700, 8000 and 12000 RPM

Flexible shaft connection:

for Switzerland and for general exports: G28 (type HM DIN 10);


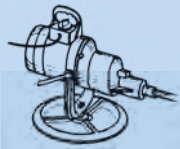
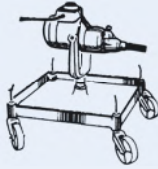
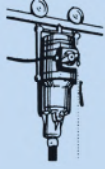
for Germany, Denmark and Holland: DIN 10

Motor and gear drive fully enclosed and jacket-cooled, with built-in ON/OFF switch, carrying handle, 3 m cable, manually switchable gear change at standstill, swivel-mounted unit


Also available with insulation coupling

Protection class 1














| ROTOFERA | | F | STM | HM | | |
|---|---------------------------|---|---|---|---------------|---------------|
|  | |  |  |  | | |
| Flexible shaft connection: | | G 28 | DIN 10 | G 28 | DIN 10 | DIN 10 |
| Order No. | 400 V, 50 Hz, three-phase | 110 019 | 110 020 | 110 023 | 110 024 | 110 022 |
| | 42 V, 50 Hz, three-phase | 110 019 05 | 110 020 10 | 110 023 26 | 110 024 09 | |
| Weight kg | | 16.800 | 16.800 | 37.700 | 37.700 | 16.600 |


Combination options







ROTOFERA G 28
1.00 kW
850, 1600, 2100, 3200, 5700,
8000 and 12000 RPM

| Type | Order No. |
|--|-----------|
|  NA 10 x 1500 G 28 / G 28 | 30 015 02 |
|  NA 10 x 2000 G 28 / G 28 | 30 015 03 |
|  NA 12 x 2000 G 28 / G 28 | 30 028 02 |
|  RG G 28 | 10 510 01 |

| Type | Order No. |
|--|-----------|
|  FH 10 (6 mm) | 57 170 01 |
|  FSM 1:1 only with NA 12 | 57 891 01 |
|  FTM | 110 223 |
|  FH 12 (12 mm) | 48 265 01 |
|  WI 10 (6 mm) | 57 645 03 |
|  WB 10 | 110 222 |
|  BSG 10/50 only with NA 12 | 52 630 01 |



ROTOFERA DIN 10
1.00 kW
850, 1600, 2100, 3200, 5700,
8000 and 12000 RPM

| Type | Order No. |
|--|-----------|
|  NA 10 x 1500 DIN 10 / G 28 | 30 026 02 |
|  NA 10 x 2000 DIN 10 / G 28 | 30 026 03 |
|  NA 12 x 2000 DIN 10 / G 28 | 30 029 02 |
|  RG DIN 10 | 10 510 03 |

High-speed gear unit RG for speeds in excess of 12000 RPM with NA 4 and NA 7.

The machines are supplied without a plug. A suitable plug must therefore be fitted by an approved and qualified specialist.

ROTAR

The powerhouse with a multitude of possibilities

Six-speed gear-driven tool.

Ideally suited for heavy-duty work.

Trouble-free multi-purpose tool, backed up by an extensive range of **SUHNER** quality accessories.

Available in 2 motor sizes:
2.40 kW or 3.20 kW.

Choice of 3 models

F: with base plate

STM: trolley-mounted

HM: with suspending attachment

Areas of application:

Grinding, cutting, roughing, de-rusting, polishing, brushing, etc. For heavy-duty work in foundries, in the boiler-making and steel industries, in mechanical workshops, and in stainless steel processing plants.

Technical data:

Three-phase motor, IP44 protection class

Power input 2.40 kW or 3.20 kW.

Voltage 400 V, 50 Hz

Speed range IV: 1000, 1700, 2700, 5100, 7300 and 13500 RPM

Motor and gear drive fully enclosed and jacket-cooled


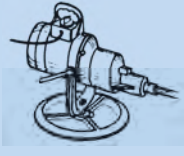
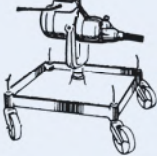
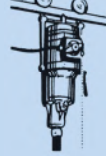
Flexible shaft connection: DIN15

Star-delta switch with 3 m cable, manually switchable gear change at standstill, swivel-mounted unit


Also available with insulation coupling








Protection class 1



| ROTAR | | F | | STM | | HM | |
|---|---------------------------|---|----------------|--|----------------|---|----------------|
|  | |  | |  | |  | |
| Power input | | 2.40 kW | 3.20 kW | 2.40 kW | 3.20 kW | 2.40 kW | 3.20 kW |
| Order No. | 400 V, 50 Hz, three-phase | 110 032 | 110 035 | 110 031 | 110 034 | 110 033 | 110 036 |
| | 42 V, 50 Hz, three-phase | 110 032 04 | | 110 031 03 | | | |
| Weight kg | | 30.750 | 35.500 | 50.500 | 55.250 | 29.500 | 34.250 |


Combination options


| Type | Order No. |
|---|-----------|
|  | |
| NA 10 × 2000 DIN 15 / G 28 | 30 027 03 |
| NA 12 × 2000 DIN 15 / G 28 | 30 030 02 |
| NA 15 × 2000 DIN 15 / G 35 | 30 032 02 |

| Type | Order No. |
|---|-----------|
|  | 48 265 01 |
|  | 57 891 01 |
|  | 110 223 |
|  | 52 630 01 |
|  | 10 331 01 |
|  | 10 330 01 |
|  | 10 340 01 |

ROTAR
2.40 kW / 3.20 kW
1000, 1700, 2700, 5100 7300 and 13500 RPM

The machines are supplied without a plug. A suitable plug must therefore be fitted by an approved and qualified specialist.


BSG 15/63 10 635 01


SAM 1:1 10 443 01

ROTOMAX 1.5

By professionals, for professionals

Light and compact design

Stable high-performance motor and rugged metal housing.

Wide range of shafts and tools.

Optional manual shut-off for control from the hand-held unit.

With soft startup and active brake.

Areas of application:

Grinding, cutting, roughing, de-rusting, polishing, brushing, etc. For heavy-duty work in foundries, in the boiler-making and steel industries, in mechanical workshops, and in stainless steel processing plants.

Technical data:

Three-phase motor for single-phase AC

IP 45 protection class

Overload protection

Power input 2000 kW


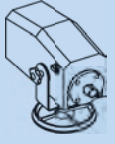
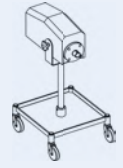
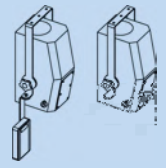
Voltage 230/240 V, 50/60 Hz

Idling speeds


















500–15000 RPM

Protection class 1



| | | | |
|---|---|--|--|
| ROTOMAX 1.5  | F  | STM  | HM  |
| Flexible shaft connection: | DIN 10 | DIN 10 | DIN 10 |
| Order No. 230 V, 50 Hz, single phase | 110 205 | 110 207 | 110 209 |
| Weight kg | 27.000 | 50.000 | 27.000 |

Combination options

| Type | Order No. | Type | Order No. | Type | Order No. | | | |
|--|-----------|--|-----------------------------|---|---------------|---|-------------------|-----------|
|  | |  | NA 7 x 1500 DIN 10 / G 22 | 30 007 02 | G 22 |  | FH 7 (6 mm) | 49 530 01 |
| | | | | | |  | WI 7 (6 mm) | 57 645 01 |
| | | | | | |  | WI 7 -45° (6 mm) | 57 662 01 |
| | |  | NA 10 x 2000 DIN 10 / G 28 | 30 026 03 | G 28 |  | WB 7 | 110 221 |
| | | | | | |  | FH 10 (6 mm) | 57 170 01 |
| | |  | NA 12 x 2000 DIN 10 / G 28 | 30 029 02 | G 28 |  | WI 10 (6 mm) | 57 645 03 |
| | | | | | |  | WI 10 -45° (6 mm) | 57 662 03 |
| | | | |  | FH 12 (12 mm) | 48 265 01 | | |
| | |  | Foot switch with foot guard | 30 001 288 | | | | |
| | |  | BSG 10/50 | 52 630 01 | | | | |
|  | FSM 1:1 | 57 891 01 | | | | | | |
| | | | |  | WB 10 | 110 222 | | |
| | | | |  | FTM | 110 223 | | |

ROTOMAX 3.5

Everything professionals want

Time saved through quick-change shafts.

Electronically controlled speeds for perfect grinding patterns.

Powerful

Versatile in its uses

With soft startup and active brake.

Areas of application:

Grinding, cutting, roughing, de-rusting, polishing, brushing, etc. For heavy-duty work in foundries, in the boiler-making and steel industries, in mechanical workshops, and in stainless steel processing plants.

Technical data:

Three-phase motor for three-phase AC

IP 44 protection class

Overload protection

Power input 3.5 kW

Voltage 400 V, 50 Hz

Idling speeds

DIN 15 connection: 500-10000 RPM

DIN 10 connection: 500-25000 RPM

Protection class 1

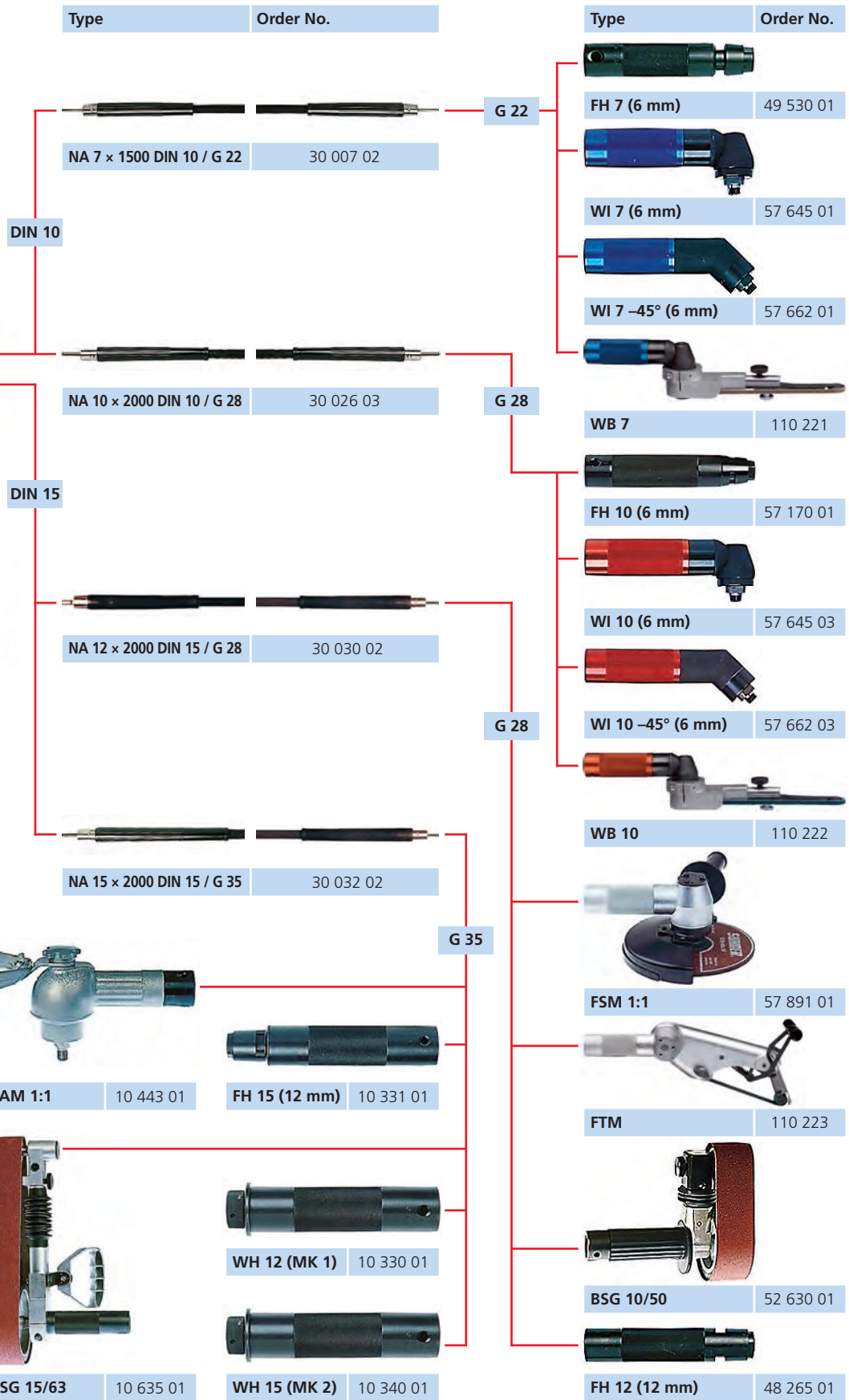


Combination options



ROTOMAX 3.5
 3.5 kW
 500 – 10000 RPM
 500 – 25000 RPM

| Order No. | Weight kg |
|-----------|-----------|
| 110 204 | 75.000 |





Flexible shafts and accessories



Flexible shafts, comprised of shaft core with couplings, rubber protective casing with reinforcement sleeves and couplings.

| Type | Connection | | Shaft compl. Order No. | Shaft core Ø x length (mm) | Permissible speed (RPM) | Weight kg | Shaft core with coupling | | Casing with coupling | |
|---------------|------------|-----------|------------------------|----------------------------|-------------------------|-----------|--------------------------|-------|----------------------|-------|
| | Motor side | Tool side | | | | | Order No. | kg | Order No. | kg |
| NA 4 x 1250 | G28 | G16 | 30 001 02 | 4 x 1250 | 40000 | 0.500 | 30 034 01 | 0.120 | 30 036 02 | 0.330 |
| NA 4 x 1250 | DIN10 | G16 | 30 002 02 | 4 x 1250 | 40000 | 0.450 | 30 038 01 | 0.120 | 30 039 02 | 0.330 |
| NA 7 x 1500 | G28 | G22 | 30 009 02 | 7 x 1500 | 20000 | 1.250 | 30 041 01 | 0.400 | 30 040 02 | 0.850 |
| NA 7 x 1500 | DIN10 | G22 | 30 007 02 | 7 x 1500 | 20000 | 1.250 | 30 043 01 | 0.400 | 30 042 02 | 0.850 |
| NA 7 x 2000 | DIN10 | G22 | 49 790 01 | 7 x 2000 | 25000 | 1.700 | 49 791 01 | 0.600 | 49 792 01 | 1.100 |
| NA 10 x 1500 | G28 | G28 | 30 015 02 | 10 x 1500 | 15000 | 2.100 | 30 045 01 | 0.700 | 30 046 02 | 1.400 |
| NA 10 x 1500 | DIN10 | G28 | 30 026 02 | 10 x 1500 | 15000 | 2.050 | 30 048 01 | 0.650 | 30 049 02 | 1.400 |
| NA 10 x 1500 | DIN15 | G28 | 30 027 02 | 10 x 1500 | 15000 | 2.100 | 30 051 01 | 0.700 | 30 052 02 | 1.400 |
| NA 10 x 2000 | G28 | G28 | 30 015 03 | 10 x 2000 | 15000 | 2.500 | 30 045 02 | 0.950 | 30 046 03 | 1.550 |
| NA 10 x 2000 | DIN10 | G28 | 30 026 03 | 10 x 2000 | 15000 | 2.500 | 30 048 02 | 0.950 | 30 049 03 | 1.550 |
| NA 10 x 2000 | DIN15 | G28 | 30 027 03 | 10 x 2000 | 15000 | 2.500 | 30 051 02 | 0.950 | 30 052 03 | 1.550 |
| NA 12 x 2000 | G28 | G28 | 30 028 02 | 12 x 2000 | 12000 | 3.850 | 30 054 01 | 1.300 | 30 055 02 | 2.550 |
| NA 12 x 2000 | DIN10 | G28 | 30 029 02 | 12 x 2000 | 12000 | 3.750 | 30 057 01 | 1.300 | 30 056 02 | 2.450 |
| NA 12 x 2000 | DIN15 | G28 | 30 030 02 | 12 x 2000 | 12000 | 3.800 | 30 059 01 | 1.300 | 30 060 02 | 2.500 |
| NA 12 x 2000 | DIN15 | G35 | 30 031 02 | 12 x 2000 | 12000 | 3.850 | 30 062 01 | 1.350 | 30 063 02 | 2.500 |
| NA 12 x 2500 | DIN10 | G28 | 49 952 01 | 12 x 2500 | 12000 | 4.000 | 49 953 01 | 1.600 | 49 954 01 | 2.900 |
| NA 15 x 2000 | DIN15 | G35 | 30 032 02 | 15 x 2000 | 8000 | 5.250 | 30 065 01 | 2.000 | 30 066 02 | 3.750 |
| NA 15V x 2000 | DIN15 | G35 | 48 236 01 | 15 x 2000 | 8000 | 5.250 | 30 065 01 | 2.000 | 48 237 01 | 5.450 |
| NA 20 x 2500 | DIN15 | G35 | 30 025 01 | 20 x 2500 | 5000 | 9.450 | 30 070 01 | 4.000 | 30 069 01 | 5.450 |

| Accessories | Type | Order No. | Connection | Max. RPM drive | Ø x length (mm) | Designation and use | Weight kg |
|---|--------|-----------|------------|----------------|-----------------|---|-----------|
|  | ISK 10 | 10 783 01 | 2 x DIN10 | 15000 | Ø 43 x 76 | Insulation couplings, for disconnecting the flexible shafts from the drive motor. | 0.092 |
| | ISK 15 | 10 782 01 | 2 x DIN15 | 15000 | Ø 43 x 76 | | 0.220 |
|  | RG | 10 510 01 | 2 x G28 | 12000 (1 : 3) | | Gear attachment to increase speeds on gear machines, 1:3 gear ratio, bearing-mounted, for precision work. | 1.350 |
| | | 10 510 03 | 2 x DIN10 | 12000 (1 : 3) | | | 1.300 |



Belt grinding attachments

Flexible and precise



UBK 6-R

Powerful electric belt grinder for applications across large surfaces.
 Steplessly adjustable from 2800 to 6000 RPM.
 Available in two different widths for belts BSGB 35/450 mm and BSGB 50/450 mm.

UTG 9-R

Practical electric tube polisher.
 220° wrap-around.
 For tubes of up to 70 mm in diameter.
 Digital control electronics.
 Soft startup protects motor and tools.

UTC 7-R

Powerful compact belt grinder.
 180° wrap-around.
 For tubes of up to 45 mm in diameter.
 Digital control electronics.
 Soft startup protects motor and tools.

| Electric belt grinder | Designation | Order No. | Idling RPM | Voltage | Power | Compatible belt | Belt speed |
|-----------------------|-------------------------------------|-----------|------------|---------|--------|-----------------|-------------|
| UBK 6-R | Electric belt grinder (adjustable) | 111 217 | 2800-5800 | 230 V | 1530 W | BSGB 50/450 | 14.7-31 m/s |
| UTG 9-R | Electric tube polisher (adjustable) | 111 212 | 4000-9000 | 230 V | 1050 W | BSGB 30/610 | 7-15.5 m/s |
| UTC 7-R | Electric tube polisher (adjustable) | 111 157 | 3000-7000 | 230 V | 500 W | BSGB 30/533 | 4.5-11 m/s |

WB 7 / WB 10



WB 10

Handlicher Bandschleifaufsatz für Biegsame-Wellen-Maschine.

UBC10-R



UBC 10-R

Powerful compact electric belt grinder
Variable belt speeds, steplessly adjustable from 4000 to 10000 RPM.
Selection of belts:
length 520 mm, available in widths of 3, 6, 12, 16 and 19 mm.

LBC 10 / 16



LBC 10 H

LBC 16 H
Compact pneumatic belt grinder with 320 W/350 W output.
Available with a range of contact arms.
Easy-to-change contact arms and trouble-free belt adjustment.

| Belt grinders | Designation | Order No. | Max. speed/ drive RPM | Voltage | Air consumption m ³ /min | Power | Flexible shaft con- nection | Compatible belt | Belt speed |
|-----------------|------------------------------------|-----------|-----------------------------|---------|--|-------|--------------------------------------|---------------------------|--------------|
| WB 7 | Belt grinder for flexible shaft | 110 221 | 17100 | – | – | – | G 22 | BSGB 6/520 BSGB 12/520 | variable |
| WB 10 | Belt grinder for flexible shaft | 110 222 | 17100 | – | – | – | G 28 | BSGB 6/520 BSGB 12/520 | variable |
| UBC 10-R | Electric belt grinder (adjustable) | 111 111 | 4000-10000 | 230 V | – | 500 W | – | BSGB 6/520 BSGB 12/520 | 6.5–15.5 m/s |
| LBC 10 | Pneumatic belt grinder | 11203801 | 10000 | – | 0,22 m | 320 W | – | BSGB 6/520 BSGB 12/520 | 16 m/s |
| LBC 16 | Pneumatic belt grinder | 11203901 | 16000 | – | 0.46 m | 350 W | – | BSGB 6/520 BSGB 12/520 | 25 m/s |

| Compatible contact arms | Type | Order No. | Roll dimensions | Roll form | Compatible belt |
|-------------------------|--|-----------|-----------------|-----------|-------------------------|
| | KA 16/4 (included in the above tools) | 57 620 03 | 16 x 4 | | BSGB 6/520 |
| | KA 16/9 | 57 620 02 | 16 x 9 | | BSGB 12/520 |
| | KA 19/12 | 57 620 04 | 19 x 12 | | BSGB 16/520 |
| | KA 25/1.5 | 57 620 06 | 25 x 1.5 | | BSGB 3/520 |
| | KAK 25/9 | 57 620 01 | 25 x 9 | | BSGB 6/520, BSGB 12/520 |
| | KAK 23/18 | 57 620 05 | 23 x 18 | | BSGB 19/520 |



LBB 20 DH

Powerful 220 W pneumatic belt grinder, light and easy to handle. Available with a range of contact arms. Easy-to-change contact arms and trouble-free belt adjustment.

WB 10

Practical belt grinder attachment for flexible shaft machines.

FTM

Tube polishing – the quick and easy way with a flexible shaft and FTM.

BSG 10/50

Belt grinder attachment with G 28 connection for versatile work with a flexible shaft.

| Belt grinders | Designation | Order No. | Max. speed/ drive RPM | Voltage | Air consumption m ³ /min | Power | Flexible shaft connection | Compatible belt | Belt speed |
|---------------|---------------------------------|-----------|-----------------------------|---------|--|-------|---------------------------|---------------------------|------------|
| LBB 20 DH | Pneumatic belt grinder | 112 007 | 20000 | – | 0.520 | 220 W | – | BSGB 6/305 BSGB 12/305 | 21 m/s |
| WB 4 | Belt grinder for flexible shaft | 110 220 | 20000 | – | – | – | G 16 | BSGB 6/305 BSGB 12/305 | variable |

| Compatible contact arms | Type | Order No. | Roll dimensions | Roll form | Compatible belt |
|-------------------------|--|-----------|-----------------|-----------|-------------------------|
| | KAK 16/4 (included in the above tools) | 59 162 03 | 16 x 4 | | BSGB 3/305, BSGB 6/305 |
| | KAK 16/9 | 59 162 02 | 16 x 9 | | BSGB 6/305, BSGB 12/305 |
| | KAK 25/1.5 | 59 162 06 | 25 x 1.5 | | BSGB 3/305 |
| | KAK 25/9 | 59 162 01 | 25 x 9 | | BSGB 6/305, BSGB 12/305 |
| | KAK 9/9 | 59 162 07 | 9 x 9 | | BSGB 6/305, BSGB 12/305 |

| Type | Designation | Order No. | Connection | Compatible belt | for |
|-----------|----------------------------------|-----------|------------|-----------------|------------------------------------|
| FTM | Tube polisher for flexible shaft | 110 223 | G 28 | BSGB 30/610 | Rotofera, Rotomax 1.5 |
| BSG 10/50 | Belt grinder for flexible shaft | 52 630 01 | G 28 | BSGB 50/450 | Rotostar, Rotofera, Rotar, Rotomax |
| BSG 10/35 | Belt grinder for flexible shaft | 52 630 02 | G 28 | BSGB 35/450 | Rotostar, Rotofera, Rotar, Rotomax |

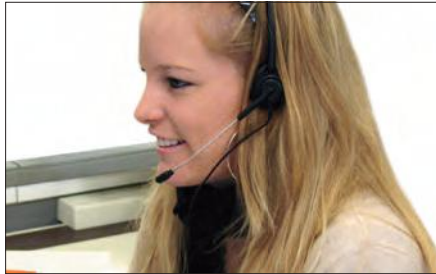
SUHNER

Your added service benefits



Demonstration concept

We'll help you uncover any streamlining potential. All our field sales staff are competent abrasives professionals with many years of experience. They come fully equipped with a demonstration van to help solve your grinding tasks on site.



Customer service

Your order is our top priority. Within minutes of receiving your order it is entered on our systems and processed so you're able to go on manufacturing without any delays.



Warehouse and distribution

Your orders are immediately readied at our spacious warehouse and dispatched the same day. That's why you can always rely on us – especially when it's urgent.



Service Centre

We're there with help and advice even after your purchase. Our Service Centre has its own spare parts warehouse to guarantee maintenance and support in a timely manner, on request with a quotation.



Development and manufacturing

Thanks to our in-house design and manufacturing we are able to respond quickly and flexibly to new market requirements. That means we are able to incorporate your suggestions into our products directly and continually offer you technical improvements and new products.



Further training and specialist conferences

All our staff continually undergo further training. At specialist trade conferences our global team of consultants and advisers exchanges user-specific experience so you, too, ultimately benefit. Together with renowned partners we also organise our popular stainless steel seminars for our customers. Request a documentation pack!

Order our documentation packs!



Abrasives expert
 Machines and tools for surface finishing



Automation expert
 Cost-effective streamlining measures



Transmission expert
 Drive and power transmission elements

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