



# **TYROLIT ASSORTMENT FLOOR GRINDING**

Machines for floor preparation

EN | 2021

Premium grinding tools since 1919  
[www.tyrolit.com](http://www.tyrolit.com)



# The TYROLIT Group

TYROLIT is one of the world's leading manufacturers of grinding and dressing tools as well as a system provider for the construction industry.

Since 1919, our innovative tools have made an important contribution to the technological development in many industries. TYROLIT offers tailored grinding solutions for various applications, as well as a comprehensive assortment of standard tools for customers all over the world.

Headquartered in Schwaz (Austria), the family-owned business combines the strengths of being a part of the dynamic Swarovski Group with a century's worth of individual corporate and technological experience.



TYROLIT headquarters in Schwaz (Austria)

## Facts & Figures



**80,000+**  
products



**29**  
production sites



**4,500+**  
employees worldwide



**37**  
sales locations



**500+**  
worldwide patents

**Sales companies** in Argentina, Australia, Austria, Belgium, Brazil, Canada, China, Czechia, Denmark, Estonia, Finland, France, Germany, Hungary, India, Indonesia, Italy, the Netherlands, Norway, Poland, Portugal, Russia, South Africa, South Korea, Spain, Sweden, Switzerland, Thailand, the UAE, the UK and the USA. **Distributors** in 65 other countries.

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## Floor Stripper FRE350

Working width 350 mm



Directly driven impact mechanism – low maintenance and reliable



Ergonomically designed handle bars with control unit incl. dead man's switch



Available accessories

The FRE350 sets new standards for floor stripper performances. The extra strong design enables peeling and removing of carpets, tiles, directly bonded parquet floors, fillers and coatings. Integrated weights are

adjustable to three positions, ensuring maximum blade performance on different floor conditions, higher pressure on the drive wheels or more weight on the tool.

# System & Accessories

**Technical data**

|                       |                     |
|-----------------------|---------------------|
| <b>Floor stripper</b> | <b>FRE350</b>       |
| Voltage / frequency   | 230 V / 50 Hz       |
| Type no.              | 11002737            |
| Working width         | 350 mm              |
| Power (drive motor)   | 1.5 kW ( 0.4 kW)    |
| Current consumption   | 11.2 A              |
| Speed (drive motor)   | 2790 rpm (2800 rpm) |
| Motor cooling         | Air                 |
| Vacuum connection     | 40 mm               |
| Application           | Dry                 |

**Design**

|                                                    |   |
|----------------------------------------------------|---|
| Lockable drive unit                                | • |
| Directly driven impact mechanism (low maintenance) | • |
| Height-adjustable drawbar                          | • |
| Lifting eye                                        | • |
| Protective cover                                   | • |
| Integrated weights adjustable to 3 positions       | • |
| Ergonomically designed handle bars                 | • |

**Dimensions & Weight**

|        |              |
|--------|--------------|
| Length | 810 mm       |
| Width  | 500 mm       |
| Height | 1040-1130 mm |
| Weight | 225 kg       |



## Floor Milling Machine FPE200

Working width 200 mm



Different motors: 2.2 kW electric or 5.5 HP petrol version



Optional edger for milling right up to the wall



Versatile and durable cutter drum assemblies

The FPE200 offers quality and reliability for high performance and cost effective operation. The FPG200 is equipped with a gasoline engine and is ideal for construction sites

without power supply. Its main applications include surface texturing, scabbling, planing, grooving, cleaning, descaling and removal of road markings.

# System & Accessories

Technical data

| Floor milling machine | FPE200        | FPG200   |
|-----------------------|---------------|----------|
| Voltage / frequency   | 230 V / 50 Hz | Petrol   |
| Type no.              | 11002922      | 11002923 |
| Working width         | 200 mm        | 200 mm   |
| Power                 | 2.2 kW        | 5.5 HP   |
| Current consumption   | 12 A          | -        |
| Speed                 | 2640 rpm      | 3000 rpm |
| Tool speed            | 1750 rpm      | 1989 rpm |
| Engine cooling        | Air           | Air      |
| Vacuum connection     | 50 mm         | 50 mm    |
| Application           | Dry           | Dry      |

Design

|                                          |   |   |
|------------------------------------------|---|---|
| Height adjustment by hand wheel          | • | • |
| Quick lift lever                         | • | • |
| Belt tensioner with durable toothed belt | • | • |
| Vacuum cleaner connection                | • | • |

Dimensions & Weight

|        |             |             |
|--------|-------------|-------------|
| Length | 900-1000 mm | 900-1000 mm |
| Width  | 370 mm      | 370 mm      |
| Heigth | 900-1000 mm | 900-1000 mm |
| Weight | 58 kg       | 51 kg       |



## Floor Milling Machine FPE250

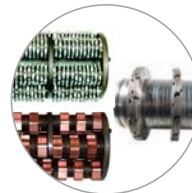
Working width 250 mm



Different motors: 7.5 kW electric or petrol version with 9 or 13 HP



The speed-controlled drive unit ensures consistent and even feed



Versatile and durable cutter drum assemblies

The FPE250 is the right machine to start concrete renovation and floor gutting. With a multitude of tool options, you can find a suitable solution for almost every construction site. Its main applications include removal of coatings and hard concrete, milling of grooves or joints,

texturing, scabbling, planing of concrete or asphalt surfaces. The FPE250DU and FPG250DU are equipped with their own drive unit. The feed speed is infinitely variable. The user can work fatigue-free and achieve even milling surface.

# System & Accessories

Technical data

| Floor milling machine | FPE250        | FPE250DU            | FPG250   | FPG250DU            |
|-----------------------|---------------|---------------------|----------|---------------------|
| Voltage / frequency   | 400 V / 50 Hz | 400 V / 50 Hz       | Petrol   | Petrol              |
| Type no.              | 11002924      | 11002925            | 11002926 | 11002927            |
| Working width         | 250 mm        | 250 mm              | 250 mm   | 250 mm              |
| Power (drive motor)   | 7.5 kW        | 7.5 kW ( 0.2 kW)    | 9 HP     | 13 HP ( 0.2 kW)     |
| Current consumption   | 14.8 A        | 16 A                | -        | -                   |
| Speed (drive motor)   | 2880 rpm      | 2880 rpm (3000 rpm) | 3000 rpm | 3600 rpm (3000 rpm) |
| Tool speed            | 1571 rpm      | 1571 rpm            | 1667 rpm | 1571 rpm            |
| Engine cooling        | Air           | Air                 | Air      | Air                 |
| Vacuum connection     | 70 mm         | 70 mm               | 70 mm    | 70 mm               |
| Application           | Dry           | Dry/wet (optional)  | Dry      | Dry/wet             |

Design

|                                          |   |   |   |   |
|------------------------------------------|---|---|---|---|
| Height adjustment by hand wheel          | • | • | • | • |
| Quick lift lever                         | • | • | • | • |
| Belt tensioner with durable toothed belt | • | • | • | • |
| Vacuum cleaner connection                | • | • | • | • |

Dimensions & Weight

|        |         |         |         |         |
|--------|---------|---------|---------|---------|
| Length | 1000 mm | 1000 mm | 1000 mm | 1070 mm |
| Width  | 490 mm  | 490 mm  | 490 mm  | 490 mm  |
| Heigth | 1130 mm | 1130 mm | 1130 mm | 1130 mm |
| Weight | 124 kg  | 150 kg  | 110 kg  | 165 kg  |



# Floor Milling Machine FPE320

Working width 320 mm



Different motors: 15 kW, 18.5 kW electric or petrol version with 31 HP



Ergonomically designed handle bars with control unit



Variable diamond, cutter or milling cutter drums

The FPE320 is made for the hardest applications and floors. Heavy duty bearings ensure maintenance and trouble-free operation of the machine. The continuously variable speed drive unit is a standard. Ergonomically

designed handle bars ensure fatigue-free operation. With our cutter or milling cutter drums and a working width of 320 mm, this machine is ideal for processing large areas.

# System & Accessories

Technical data

| Floor milling machine | FPE320                  | FPE320LC                | FPG320                  |
|-----------------------|-------------------------|-------------------------|-------------------------|
| Voltage / frequency   | 400 V / 50 Hz           | 400 V / 50 Hz           | Petrol                  |
| Type no.              | 11002728                | 11002928                | 11002929                |
| Working width         | 320 mm                  | 320 mm                  | 320 mm                  |
| Power (drive motor)   | 15 kW ( 0.2 kW)         | 18.5 kW ( 0.2 kW)       | 31 HP ( 0.2 kW)         |
| Current consumption   | 26.9 A                  | 32.6 A                  | -                       |
| Speed (drive motor)   | 2945 1/min (3000 1/min) | 2935 1/min (3000 1/min) | 3600 1/min (3000 1/min) |
| Tool speed            | 1644 1/min              | 1644 1/min              | 1644 1/min              |
| Engine cooling        | Air                     | Air                     | Water                   |
| Vacuum connection     | 70 mm                   | 70 mm                   | 70 mm/125 mm            |
| Application           | Dry                     | Dry                     | Dry                     |

Design

|                                    |   |   |   |
|------------------------------------|---|---|---|
| Variable speed drive unit          | • | • | • |
| Variable cutting width             | • | • | • |
| Variable cutting width             | • | • | • |
| Lifting eye                        | • | • | • |
| Protective cover                   | • | • | • |
| Ergonomically designed handle bars | • | • | • |

Dimensions & Weight

|        |         |         |         |
|--------|---------|---------|---------|
| Length | 980 mm  | 980 mm  | 1180 mm |
| Width  | 630 mm  | 630 mm  | 660 mm  |
| Height | 1180 mm | 1180 mm | 1100 mm |
| Weight | 270 kg  | 300 kg  | 300 kg  |



## Shot Blaster FBE200

Working width 200 mm



7.5 kW turbine power on  
200 mm working width



Perfect blast patterns with  
5 bladed blastwheel



FBE200 maintenance  
and tool box

The FBE200 shot blasting machine combines high productivity with low overall height and weight. Its modular design opens up unique application possibilities: The shot blasting width can be increased by adding the expansion module. The drive unit

enables an even and infinitely adjustable feed. Maintenance work on the FBE200 after the first 300 operating hours can be carried out easily on site without special tools and with little loss of time.

# System & Accessories

Technical data

|                     |                     |
|---------------------|---------------------|
| Shot blaster        | FBE200              |
| Voltage / frequency | 400 V / 50 Hz       |
| Type no.            | 11002930            |
| Working width       | 200 mm              |
| Power (drive motor) | 7.5 kW (0.2 kW)     |
| Current consumption | 16 A                |
| Speed (drive motor) | 2880 rpm (3000 rpm) |
| Vacuum connection   | 70 mm               |
| Application         | Dry                 |

Design

|                                                     |   |
|-----------------------------------------------------|---|
| Variable drive unit for forward and backward motion | • |
| LED headlights                                      | • |
| Operating hours counter                             | • |
| Foldable rear axle for transport                    | • |

Dimensions & Weight

|        |         |
|--------|---------|
| Length | 1480 mm |
| Width  | 340 mm  |
| Height | 1050 mm |
| Weight | 210 kg  |



## Shot Blaster FBE350

Working width 350 mm



Perfect blast patterns with 6 bladed blastwheel



The drive unit ensures consistent and even feed



FBE350 maintenance and tool box

The FBE350 shot blasting machine is a professional blasting system for large areas and very hard concrete floors or coatings. Its modular design opens up unique application possibilities. The shot blasting width of the base unit can be doubled by adding

the extension module. The drive unit enables an even and infinitely adjustable feed. Maintenance work on the FBE350 can be carried out easily on site without special tools and with little loss of time.

# System & Accessories

Technical data

|                     |                     |
|---------------------|---------------------|
| Shot blaster        | FBE350              |
| Voltage / frequency | 400 V / 50 Hz       |
| Type no.            | 11002931            |
| Working width       | 350 mm              |
| Power (drive motor) | 15 kW (0.2 kW)      |
| Current consumption | 29.5 A              |
| Speed (drive motor) | 2935 rpm (3000 rpm) |
| Vacuum connection   | 125 mm              |
| Application         | Dry                 |

Design

|                                                     |   |
|-----------------------------------------------------|---|
| Variable drive unit for forward and backward motion | • |
| Brake assist for working on ramps                   | • |
| LED headlights                                      | • |
| Operating hours counter                             | • |
| Foldable rear axle for transport                    | • |

Dimensions & Weight

|        |         |
|--------|---------|
| Length | 1850 mm |
| Width  | 550 mm  |
| Height | 1100 mm |
| Weight | 440 kg  |



## Dust Extraction Systems

VCE3000C and VCE5500C



Available accessories

The VCE3000C and VCE5500C dust extraction systems impress with their high performance, which is based on an optimal combination of maximum depression and the highest air flow volume. They have a wide range of applications in the construction industry and are suitable for milling

and grinding machines, floor saws as well as shot blasters. The cleaning of the filter cartridges is done automatically by compressed air pulses. The HEPA filter system is installed as standard in the VCE3000C and is optionally available on the VCE5500C.

# System & Accessories

Technical data

| Dust Extraction System    | VCE3000C       | VCE5500C         |
|---------------------------|----------------|------------------|
| Voltage / frequency       | 400 V / 50 Hz  | 400 V / 50 Hz    |
| Type no.                  | 11002932       | 11002933         |
| Power                     | 3 kW           | 5.5 kW           |
| Current consumption       | 8 A            | 12.2 A           |
| Max. air flow             | 27 m3/min      | 38 m3/min        |
| Depression                | 8600 Pa        | 10150 Pa         |
| Filter area               | 6 m2 (3 x 2m2) | 10 m2 (5 x 2m2)  |
| Ventilator rotation speed | 5600 rpm       | 6350 rpm         |
| Hose connection           | 70 / 125 mm    | 50 / 70 / 125 mm |
| Application               | Dry            | Dry              |

Design

|                           |   |          |
|---------------------------|---|----------|
| Automatic filter cleaning | • | •        |
| HEPA filter               | • | optional |
| Longopac system           | • |          |

Dimensions & Weight

|                      |              |                   |
|----------------------|--------------|-------------------|
| Length (filter unit) | 1410-1850 mm | 1020 mm (1080 mm) |
| Width (filter unit)  | 780 mm       | 520 mm (800 mm)   |
| Height (filter unit) | 1850-2030 mm | 1560 mm (1410 mm) |
| Weight (filter unit) | 302 kg       | 220 kg (172 kg)   |

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Our **worldwide subsidiary companies** can be found  
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