



TYROLIT ASSORTMENT SURFACE PREPARATION

Machines for floor preparation

EN | 2021

Premium grinding tools since 1919
www.tyrolit.com

TYROLIT

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



4,400+
employees worldwide



36
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 FRE250

Working width 250 mm



Directly driven impact mechanism – low maintenance and reliable



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



Available accessories

The FRE250 is an innovative, compact and powerful floor stripper. Its extra strong design in combination with the relatively low weight enables the peeling and removal of carpets, vinyl floors and many other

floor coverings. Thanks to the four detachable weights, the FRE250 can be adapted to the different floor conditions and easily brought to the job site.

System & Accessories

Technical data

Floor stripper	FRE250
Voltage / frequency	230 V / 50 Hz
Type no.	11003070
Working width	250 mm
Power (drive motor)	1.1 kW (0.4 kW)
Current consumption	8.8 A
Speed (drive motor)	2820 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	•
4 detachable weights	•
Ergonomically designed handle bars	•

Dimensions & Weight

Length	780 mm
Width	500 mm
Height	1040-1110 mm
Weight	122 kg

System & Accessories

11004010	Angle Adjustment 250 mm for Blade +/- 10 degrees
11004009	Service Box FRE250
11004184	Blade Weasel 230 x 80 x 1.5 mm
11003890	Blade Weasel 230 x 100 x 2.0 mm
11002745	Blade FRE250/350 250 x 80 x 1.5 mm
11003892	Blade FRE250/350 200 x 80 x 2.5 mm
11003891	Blade FRE250/350 200 x 80 x 1.5 mm
11004012	Blade U-Shape Sharp FRE250/350 250 x 80 x 1.5 mm
11004011	Blade FRE250/350 250 x 130 x 1.5 mm
11004013	Blade FRE250/350 250 x 80 x 2.5 mm



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

Floor stripper	FRE350
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

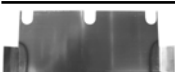


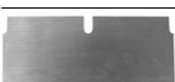









Length	810 mm
Width	500 mm
Height	1040-1130 mm
Weight	225 kg

System & Accessories

11002738	Angle Adjustment 350 mm for Blade +/- 10 degrees
11003895	Transport Wheel Attachment Complete FRE350
11002739	Dust Support Set Complete FRE350
11004008	Service Box FRE350
11002740	Chisel Holder
11002741	Chisel 25 mm
11003888	Chisel 50 mm
11004184	Blade Weasel 230 x 80 x 1.5 mm
11003890	Blade Weasel 230 x 100 x 2.0 mm
11003892	Blade FRE250/350 200 x 80 x 2.5 mm
11003891	Blade FRE250/350 200 x 80 x 1.5 mm
11003894	Blade FRE350 450 x 80 x 2.5 mm
11002743	Blade FRE350 350 x 130 x 1.5 mm
11004014	Blade FRE350 350 x 80 x 2.5 mm
11002742	Blade FRE350 350 x 80 x 1.5 mm
11004012	Blade U-Shape Sharp FRE250/350 250 x 80 x 1.5 mm
11002744	Blade U-Shape Sharp FRE350 350 x 80 x 1.5 mm
11003889	Blade U-Shape Flat FRE350 350 x 80 x 1.5 mm
11004011	Blade FRE250/350 250 x 130 x 1.5 mm
11004013	Blade FRE250/350 250 x 80 x 2.5 mm

Floor Stripper:

Tools & Accessories

	Type no.	Specification	Glued down Carpet	Sheet Goods	Rubber Flooring & LVT	VCT / VAT	Hardwoods & Parquet	Ceramic type materials	Description
	11003890	U-Blade 230 x 100 x 2 mm	●	●	●				Sharpened wings eliminate pre-cutting. Excellent blade for difficult removals.
	11003889	U-Blade 350 x 80 x 1.5 mm	●	●	●				Sharpened wings eliminate pre-cutting.
	11002744	U-Blade 350 x 80 x 1.5 mm	●	●	●				U-Blade with the sharpened edge down. Sharpened wings eliminate pre-cutting. For removals over harder sub-floors.
	11003891	Blade 200 x 80 x 1.5 mm	●	●	●	●	●		Excellent all round blade for difficult removals.
	11003892	Blade 200 x 80 x 2.5 mm	●	●	●	●	●	●	Excellent all round blade with thicker wall thickness for difficult removals. Great for scraping up debris after using a chisel.
	11002743	Blade 350 x 130 x 1.5 mm	●	●	●	●	●	●	Suitable for numerous applications. 130 mm depth helps to keep it under floor covering.
	11002742	Blade 350 x 80 x 1.5 mm	●	●	●	●			Standard thickness. Some floor coverings will need to be hand cut into strips.
	11003894	Blade 450 x 80 x 2.5 mm	●	●	●				Standard thickness, but 450 mm wide. Some floor coverings will need to be hand cut into strips. Increased production rates.
	11002740	Chisel Holder FRE350							Adapter designed to hold chisels below.
	11003888	Chisel 50 mm					●	●	Wider chisel used for difficult floor covering removals.
	11002741	Chisel 25 mm					●	●	Chisel used for extremely difficult removals.
	11002739	Dust extraction set complete							Dust port for the connection of a dust collector.
	11003895	Transport Wheels FRE350							Front wheels for easy transport of the Floor Stripper FRE350.





Floor Milling Machine FPE200

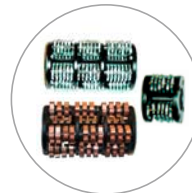
Working width 200 mm



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	FPE200	FPG200
Voltage / frequency	230 V / 50 Hz	400 V / 50 Hz	Petrol
Type no.	11002922	11004213	11002923
Working width	200 mm	200 mm	200 mm
Power	2.2 kW	3.0 kW	5.5 HP
Current consumption	12 A	5.8 A	-
Speed	2640 rpm	2890 rpm	3000 rpm
Tool speed	1750 rpm	1917 rpm	1989 rpm
Engine cooling	Air	Air	Air
Vacuum connection	50 mm	50 mm	50 mm
Application	Dry	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	900-1000 mm
Width	370 mm	370 mm	370 mm
Height	900-1000 mm	900-1000 mm	900-1000 mm
Weight	58 kg	61 kg	51 kg

System & Accessories

11004024	Exchangeable complete Drum with Cutters 45/5
11004023	Exchangeable complete Drum with Milling Flails 42/10
11004034	Side Planer CT 60
11004028	Complete Drum for side planer with Cutters 45/5



Floor Milling Machine FPE250

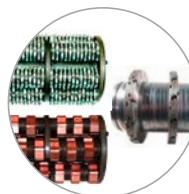
Working width 250 mm



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
Height	1130 mm	1130 mm	1130 mm	1130 mm
Weight	124 kg	150 kg	110 kg	165 kg

System & Accessories

11004005	Line Up Mechanism
11002730	Sprinkler System Complete
11004025	Exchangeable complete drum with Cutters 57/6
11004026	Exchangeable complete drum with Milling Flails 57/20
11003369	Drum for Diamond Blades
34556797	CONTEC Diamond Blade 200 mm for Hard Concrete



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

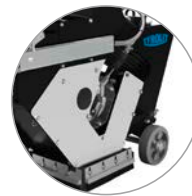
System & Accessories

11002736	Extraction Wagon FPE320	11002735	Spacer 1 mm for Diamond Drum
11004001	Line Up Mechanism FPE320	11002734	Spacer 2 mm for Diamond Drum
11002729	Line Up Laser Complete FPE320	11002733	Spacer 3 mm for Diamond Drum
11002730	Sprinkler System Complete FPE320	11003371	Spacer 5 mm for Diamond Drum
		11003372	Spacer 8 mm for Diamond Drum
11004027	Exchangeable complete drum with cutters 80/8	11003373	Spacer 10 mm for Diamond Drum
11004029	Exchangeable complete drum with milling flails 80/20		
11002731	Exchangeable drum for diamond blades whitout blades		
34540058	Diamond Blade 300 mm FSC Premium		



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

System & Accessories

11004015	Blast Wheel Set FBE200/FBE BU + Cage
11003402	Side Lining Blast Chamber
11004007	Top Lining Blast Chamber
11004019	Service Box incl. Tools and Wear Parts FBE200
11004051	FBE200 Extension Unit 400 V 16 A 7.5 kW 210 kg
11004035	Magnetic Brush 50 cm
11002991	Magnetic Brush 70 cm



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

System & Accessories

11004022	Blast Wheel Set FBE300/350/560 + Cage
11003410	Side Lining Blast Chamber
11003408	Top Lining Blast Chamber
11002990	Service Box incl. Tools and Wear Parts FBE350
11004036	FBE350 Extension Unit 400 V 32 A 15 kW 440 kg
11004035	Magnetic Brush 50 cm
11002991	Magnetic Brush 70 cm



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 m ³ /min	38 m ³ /min
Depression	8600 Pa	10150 Pa
Filter area	6 m ² (3 x 2m ²)	10 m ² (5 x 2m ²)
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)

System & Accessories

11004016	Dust Hose Ø 50 mm
11004017	Dust Hose Ø 70 mm
11002992	Dust Hose Ø 125 mm
11004018	Dust Hose Ø 150 mm
11004032	Handle D50
11004033	Suction Nozzle
11004031	Adaptor 80/70 mm
11004030	Adaptor 80/50 mm
11004021	Adaptor 70/50 mm
11004020	Filter Cartridge VCE3000C / VCE5500C
11003999	HEPA for Upgrade VCE3000C
11003997	Hepa for Upgrade Complete VCE5500C
11003998	Hepa for Upgrade Complete VCE5500C

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