

PRODUCT PROGRAM 2013

» Floor solutions for ... GRINDING



... MILLING



... CLEANING



... TROWELLING



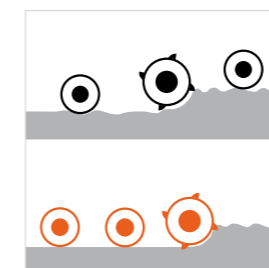
MILLING

- » BEF 203 – 201 – 250 – 320
- » OMF 250D – OMF 250E



Features	BEF 203 230V	BEF 201 230V	BEF 201 400V	BEF 201 petrol
Milling, forward	X	X	X	X
Micro depth control	X	X	X	X
Edger	standard	option	option	option
Drum axle	4	4	4	4
Ergonomic handle, adjustable	X	X	X	X
MOP – Motor overload protection	X	X	X	

Features	BEF 250E 400V	BEF 250V petrol	BEF 320EX 400V	BEF 320VX petrol
Drum in front, thus no copy effect (System Schwamborn)	X	X	X	X
Milling, forward	X	X	X	X
Quick drum lowering/lifting	X	X	X	X
Drum with bushes, longer service life	X	X	X	X
Drum axle	4	4	5	5
Micro depth control	X	X	X	X
Drive, infinitely variable, 4 x 4 all-wheel drive			X	X
Drive, forward + reverse			X	X
Brake adjustable, engage/disengage	X	X		
Crane hook			X	X
Ergonomic handle, adjustable			X	X
MOP – Motor overload protection	X		X	



System Schwamborn



Replacement bushes



Integrated edger



Easy to use



Adjustable handle



Milling up to the edge

BEF 203 – With integrated edger

Scarifier for concrete and screed with integrated edger. Absolutely essential for effective and quick working results on small surfaces. An adjustable handle bar, the infinitely variable depth control and lifting makes it especially user friendly.

Applications

Roughening and grooving of concrete, removing of coatings, road markings, cement residues and old floor coverings.

Features

- Working up to 10 mm to the edge
- Power supply cord, standard 12 m
- Adjustable and ergonomic handle
- Large transport wheels
- Integrated suction outlet
- Dust sealed drum bearing
- Variable depth control
- Lifting grip

BEF 203



BEF 201 petrol version



Easy to use, safe in application

BEF 201 – High performance surface planer

Concrete and screed milling machine for small to medium sized areas. The low centre of gravity affords a big silent running and ensures quick and even milling results. A tripled drum bearing and hardened cutter shafts make it particularly reliable.

Applications



Roughening and grooving of concrete, removing of coatings, road markings, cement residues and old floor coverings.

Features

- Heavy duty drum housing made in cast iron
- 8-fold drum axle mounting positions (= less wear and tear costs)
- Dust sealed drum bearing
- Infinitely variable and lockable depth adjustment
- MOP-Motor overload protection (E-Version)
- Elevated motor filtration (petrol version)
- Automatic motor cut off at low oil level (petrol version)

BEF 201



Technical data		BEF 203	BEF 201	BEF 201	BEF 201
Voltage	V	230	230	400	Petrol
Frequency	Hz	50	50	50	
Motor	kW	2,2	2,2	2,2	4,0
Ø-working width	mm	200	200	200	200
Working to the edge	mm	10	45/7	45/7	45/7
Weight	kg	49	74	74	80
Ø-suction outlet	mm	50	50	50	50
Power supply cord	m	12	–	–	–
Ref. No.		795092	795105	795109	795113
Ref. No.		795093	795107	795111	795115

» BEF 250E – BEF 250V



Mechanical brake system



Quick drum lower/lifting

BEF 250E – With mechanical brake system

Concrete and screed milling machine for medium-sized and big surfaces. Extremely manoeuvrable, easy and ergonomic in operation. The unique arrangement of the milling drum in the front part of the machine avoids copy effects thus giving a more regular milling surface.

Applications

Roughening and grooving of concrete and screed surfaces, coating removal and demarking jobs.

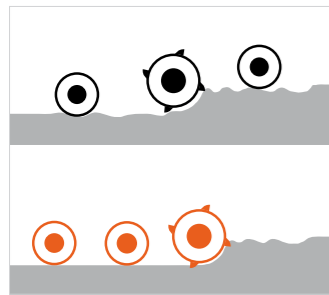
Features

- Drum position in front provides a more regular surface finish
- Quick drum lower and lifting device
- Drum with hardened replacement bushes
- Milling depth fine adjustment
- Adjustable brake system with on/off device

BEF 250E



Drum with replacement bushes = longer service life



Drum position in front = uniform surface finish

BEF 250V – With mechanical brake system

Concrete and screed milling machine for bigger operating areas. Works in forward and reverse directions. The convenient 4 x 4 wheel drive and a two-stage drive mechanism ensure an economical and professional surface finish.

Applications

Roughening and grooving of concrete and screed surfaces, coating removal and demarking jobs.

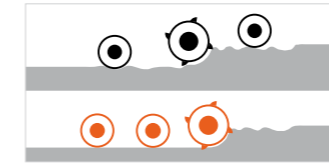
Features

- Forward and reverse milling
- 4 x 4 wheel drive
- Infinitely variable and lockable depth adjustment
- Two-stage drive mechanism
- Drum with hardened replacement bushes
- Integrated crane hook

BEF 250V



» BEF 320EX – BEF 320VX



Drum position in front = uniform surface finish



4 x 4 all-wheel



Drum with replacement bushes = longer service life

BEF 320 EX – 400V

Innovative milling technology for large areas with up to 30 % increase in performance. An increased cutter impact performance and the even advance via a 4 x 4 all-wheel drive are a guarantee for a high milling performance even in harsh application conditions on concrete surfaces and coatings.

Applications

Milling of concrete, grooving of concrete surfaces, removal of coatings and markings.

Features

- 4 x 4 all-wheel drive
- Infinitely variable forward/reverse drive
- Drum with replacement bushes
- Central drum lowering function and depth setting
- Crane hook

BEF 320EX



Foot lever for transport position = fast machine relocation



Handle with vibration protection = improved ergonomics

BEF 320 VX – Petrol

Innovative milling technology for large areas with up to 30 % increase in performance. An increased cutter impact performance and the even advance via a 4 x 4 all-wheel drive are a guarantee for a high milling performance even in harsh application conditions on concrete surfaces and coatings.

Applications

Milling of concrete, grooving of concrete surfaces, removal of coatings and markings.

Features

- 4 x 4 all-wheel drive
- Infinitely variable forward/reverse drive
- Drum with replacement bushes
- Central drum lowering function and depth setting
- Crane hook

BEF 320VX




Technical data		BEF 250E	BEF 250V
Voltage	V	400	Petrol
Frequency	Hz	50	
Motor	kW	5,5	8,1
∅-working width	mm	250	250
Working to the edge	mm	65	65
Weight	kg	170	170
∅-suction outlet	mm	70	70
Ref. No.		707011	707015
Ref. No.		707013	707017

Technical Data		BEF 320EX	BEF 320VX
Voltage	V	400	Petrol
Frequency	Hz	50	
Motor	kW	11	8,7
∅ working width	mm	320	320
Working to the edge	mm	72	72
Weight	kg	365	344
∅ – suction	mm	76	76
4 x 4 all-wheel drive	hydraulic	X	X
Speed forward/reverse	m/min	0–8	0–8
Petrol tank	l		6,1
Ref. No.		717000	717010
Ref. No.		717001	717011

» BEF 203 – 201 – 250 – 320

Machine	Volt/Hz	Watt	Size	kg	Plug	Ref.
BEF 203	with 5-pt. tungst. carbide tipped cutters, 42 x 16 mm					
	230/50	2200	200 mm	49	EU	795092
	with peeling cutters, 40 x 22 mm					
	230/50	2200	200 mm	49	EU	795093
BEF 201	with 5-pt. tungst. carbide tipped cutters, 42 x 16 mm					
	230/50	2200	200 mm	74	EU	795105
	3x400/50	2200	200 mm	74	16A,EU	795109
	Petrol	4000	200 mm	80	–	795113
	with peeling cutters, 40 x 22 mm					
	230/50	2200	200 mm	74	EU	795107
	3x400/50	2200	200 mm	74	16A,EU	795111
	Petrol	4000	200 mm	80	–	795115
BEF 250	with 8-pt. tungst. carbide tipped cutters, 80 x 30 mm					
	3x400/50	5500	250 mm	170	16A,EU	707011
	Petrol	8100	250 mm	170	–	707015
	with peeling cutters, 80 x 20 mm					
	3x400/50	5500	250 mm	170	16A,EU	707013
	Petrol	8100	250 mm	170	–	707017
BEF 320	with 8-pt. tungst. carbide tipped cutters, 80 x 30 mm					
	3 x 400/50	11000	320 mm	365	32A,EU	717000
	Petrol	8700	320 mm	344	–	717010
	with peeling cutters, 80 x 20 mm					
	3 x 400/50	11000	320 mm	365	32A,EU	717001
	Petrol	8700	320 mm	344	–	717011

» Accessories BEF 203













BEF 203	Drum	Ref.
	With 5-pt. tungst. carbide tipped cutters	704552
	With peeling cutters, 40 x 22 mm	704553
	With star wheels, 42 mm	704554
	Drum without cutters	
	Drum with 4 shafts D = 10 mm, without cutters	704551
	Drum shaft, 4 pcs. required	702093

Subject to change

» Accessories BEF 201 – 250 – 301 – 320

BEF 201	Drum	Ref.	
	With 5-pt. tungst. carbide tipped cutters	704361	
	With 5-pt. tungst. carbide tipped cutters, cowshed preparation	704738	
	With peeling cutters, 40 x 22 mm	704422	
	With star wheels, 42 mm	704423	
		Drum without cutters	
	Drum with 4 shafts, w/o equipment	702132	
	Drum shaft, 4 pcs. required	702093	
		Edger	
	Edger cpl. with 5-pt. tungst. carbide tipped cutters, 42 x 16 mm, works 7 mm to the edge	704431	
	Cutters for the edger		
With 5-pt. tungst. carbide tipped cutters, set = 19 pcs	702674		
Washer, set = 18 pieces	702678		
BEF 250	Drum		
	With 5-pt. tungst. carbide tipped cutters, 42 x 16 mm, 6 shafts	707214	
	Drum – rough = rough finish		
	With 8-pt. tungst. carbide tipped cutters, 80 x 30 mm, 4 shafts	707221	
	With peeling cutters, 80 x 20 mm, 4 shafts	707222	
	Drum without cutters		
Drum – rough, without cutters, 4 shafts	707220		
Drum shaft, for drum – rough, set = 4 pieces	707162		
Bushes for drum – rough, set = 8 pieces	707164		
BEF 301	Drum		
	With 8-pt. tungst. carbide tipped cutters, 80 x 30 mm	704428	
	With peeling cutters, 80 x 20 mm	704429	
	Drum without cutters		
Reinforced drum, 6 axles with 6 shafts without cutters	701690		
Drum shaft, set = 6 pieces	701685		
Bushes for drum, set = 12 pieces	701798		
BEF 320	Drum		
	With 8-pt. tungst. carbide tipped cutters	717030	
	With peeling cutters, 80 x 20 mm	717032	
		Drum without cutters	
	Drum with 5 shafts, w/o equipment	717033	
Drum shaft, set = 5 pcs.	708844		
Bushes for drum, 10 pcs. required	701798		

Subject to change

Cutters	Machine	5-pt. tungst. carbide tipped cutters, 42 x 16 mm	Ref.
	BEF 203	70 pcs. required	702674
	BEF 201	70 pcs. required	
	BEF 250	150 pcs. required	
	BEF 203	5-point-HME-cutters	713141
	BEF 201	Washers hardened, 68 pcs. required	702678
	BEF 250	Washers hardened, 144 pcs. required	
8-pt. tungst. carbide tipped cutters, 80 x 30 mm			
	BEF 250	72 pcs. required	702660
	BEF 301	130 pcs. required	
	BEF 320	75 pcs. required	
	BEF 250	8-point-HME-cutters	713140
	BEF 301	Washers hardened, 72 pcs. required	702659
	BEF 320	Washers hardened, 160 pcs. required	
<i>Universal tool, roughening, scabbling and grooving on concrete, coat and colour removing, surface cleaning</i>			
Peeling cutters		40 x 22 mm	
	BEF 203	24 pcs. required	702675
	BEF 201	24 pcs. required	
	BEF 250	48 pcs. required	
	BEF 203	Washers hardened, 44 pcs. required	702678
	BEF 201	Washers hardened, 64 pcs. required	
	BEF 250	Washers hardened, 78 pcs. required	
80 x 20 mm			
	BEF 250	36 pieces, required	702676
	BEF 301	36 pieces, required	
	BEF 320	40 pieces, required	
	BEF 250	Washers hardened, 44 pcs. required	702659
	BEF 301	Washers hardened, 192 pcs. required	
	BEF 320	Washers hardened, 130 pcs. required	
<i>Removing of permanently elastic floors, synthetic coatings or water proof floor coverings, road markings, bituminous or rubber residues</i>			
Star wheels		42 x 2 mm	
	BEF 203	128 pcs. required	702677
	BEF 201	134 pcs. required	
	BEF 203	Washers hardened, 126 pcs. required	702678
	BEF 201	Washers hardened, 134 pcs. required	
80 x 3 mm			
	BEF 250	140 pcs. required	702679
	BEF 301	246 pcs. required	
	BEF 250	Washers hardened, 136 pcs. required	702680
	BEF 301	Washers hardened, 264 pcs. required	
<i>For easy structurizing of concrete and asphalt, removing of oil, grease and ice sediments, bonding residues, road markings, rust and old colours</i>			





OMF 250 – Cold milling machine

Cold milling machine with oscillating milling technic for indoor and outdoor applications. The compact design, the easy manoeuvrability and low operating weight as well make it highly effective and versatile for the different floor renovation on concrete and asphalt.

Applications

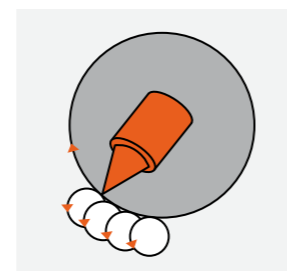
Concrete and asphalt milling, coating removal, demarking operations, slot-milling, free milling of tram tracks.

Features

- OMF – Oscillating milling system (patented)
- DOC – Drum with drive overload clutch
- Milling close to the edge, 25 mm
- Hydraulic depth control left/right
- Variable working speed
- Highly maneuverable in tight spaces
- Easy and quick transportation in vans
- Milling in case of ceiling load restrictions
- Special drums available from 200–300 mm

OMF 250

Technical data		
OMF 250D		
Motor	kW	18,5
Cubic capacity/cylinder	ccm	1100/3
Fuel consumption/hour	l/h	5–6
Tank, fuel	l	13 (Diesel)
OMF 250E		
Motor	kW	18,5 (63 A)
Drive motor	kW	2,2 (16 A)
Voltage / Frequency	V/Hz	400/50
Tank, fuel	l	13
Working width	mm	200–300
Milling depth	mm	20
Ø-Performance	m ² /h	12–20
Working to the edge		
Left	mm	25
Right	mm	450
Rear	mm	270
Speed		
Transport	km/h	5
Working	m/min	1,0–2,0
Drive, hydraulic		X
Chisel		
Quantity	Pcs.	26...60
Length, new	mm	65
Line spacing	mm	3,5/5/8/12
Turning radius		
Left	m	3,3
Right	m	4,9
Min. radius-Ø	cm	0
Tank, water		
Water injection		X
Weight, total		
Wheel load, front	kg	480
Rear wheel load, left	kg	215
Rear wheel load, right	kg	335
Dimension l x w x h	cm	194 x 90 x 118
Dust outlet-Ø	mm	70



Oscillating milling = low operation weight

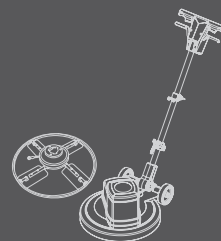
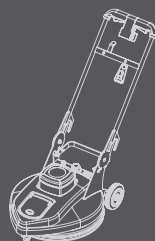
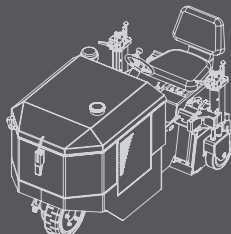
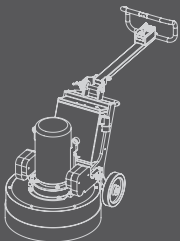
Machine		Ref. No.
OMF 250D	Diesel, 18,5 kW, without drum and cover	705002
OMF 250E	Electric, 3x400V/50Hz, 18,5 kW, without drum and cover	720500
Accessories		
200 mm		
	Drum 200-30-8, cpl. with chisel, drum sealing ring, counter balance weight, locking screws, (grey)	705762
	Replacement drum 200-30-8, with 30 chisels, drum sealing ring, (grey)	705761
	Replacement drum 200-30-8, without chisels, (grey)	705760
	Counter balance weight, 250-26-12, (grey)	705105
	Drum 200-58-3,5, cpl. with chisel, drum sealing ring, counter balance weight, locking screws, (red)	705765
	Replacement drum 200-58-3,5 mm, with chisels, drum sealing ring, (red)	705764
	Replacement drum 200-58-3,5 mm, without chisel, (red)	705763
	Counter balance weight, 200-58-3,5, (red)	705757
250 mm		
	Drum 250-26-12, cpl. with chisel, drum sealing ring, counter balance weight, locking screws, (grey)	707534
	Replacement drum 250-26-12, cpl. with chisels, drum sealing ring, (grey)	705133
	Replacement drum 250-26-12, without chisels, (grey)	705122
	Counter balance weight, 250-26-12, (grey)	705105
	Drum 250-36-8, cpl. with chisel, drum sealing ring, counter balance weight, locking screws, (orange)	705736
	Replacement drum 250-36-8, with chisels, drum sealing ring, (orange)	705737
	Replacement drum 250-36-8, without chisels, (orange)	705631
	Counter balance weight, 250-36-8, (orange)	705632
	Drum cover 250 cpl., replacement	705190
300 mm		
	Drum 300-60-5, with chisel, drum sealing ring, counter balance weight, locking screws and cover 300, (yellow)	705704
	Replacement drum 300-60-5, with chisels, drum sealing ring, (yellow)	705705
	Replacement drum 300-60-5, without chisels, (yellow)	705706
	Counter balance weight, 300-60-5, (yellow)	705715
	Drum cover 300 cpl., replacement	705710
	Chisel cpl. with lock washer, adaptor, spring	705225
	Exhaust particle filter	705639





»» **Brilliant floors –
we'll give your floor
the perfect finish!**

Tip: Economical and professional floor preparation –
we make it happen!



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MILLING

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TROWELLING

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