

EstrichBoy

EC 450 FLEX DRIVE

The powerful 63-Ampere
compressed-air conveyor



For semi-dry floor screed

- Cement screed
- Calcium sulphate screed (anhydrite)
- Magnesia screed
- Vibration-laid tiling (depending on consistency)



Maximum electric power!

The EstrichBoy EC 450 FLEX DRIVE is powered solely by the site power supply while still delivering just as high an air output as the fuel-powered model.

The frequency-controlled electric motor, which enables switching between the 50 and 63 A operating modes, offers maximum flexibility and operational reliability.

Operating an electric machine has never been this easy and reliable: Simply plug it in, load the material, mix it and start pumping.

- **Powerful compressor unit**
with a 37 kW electric motor supplies up to 4.4 m³/h of air at 63 A
- **Maximum operational reliability**
thanks to a reduction to 50 A for site power distribution points with a low-power fuse
- **Zero emissions**
No exhaust gas, no CO₂ emissions
- **Low sound level**
For pleasant working conditions, e.g. in areas with noise restrictions and near health resorts
- **Low maintenance costs**
Thanks to electric drivetrain with significantly fewer wear parts



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Powerful compressor unit with frequency-controlled electric motor



Straightforward operating panel with simple, robust keypad and two pressure gauges



Simple connection with 63 A CEE outlet via provided 63 A cable

Technical data

Mixer drum	260 l, 200 l useful capacity
Delivery range*	180 m horizontal, 90 m vertical
Delivery rate (theo.)*	3,8–5 m³/h
Delivery pressure	8 bar
Compressor	4,4 m³/min (3,5 m³/min at 50 A)
Drive motor	37 kW electric motor, 400 V, 50 Hz
Connection	63 A CEE; max. 70 m; min. 5 x 16 mm²
Weight	1700 kg / 1830 kg (B) / 1890 kg (BS)
Length × width × height	4790 × 1560 × 1640 mm (standard) 5020 × 1560 × 2515 mm (B + BS)
Filling height	900 mm (standard), 400 mm (B + BS)
Chassis	braked, 80 km/h (100 km/h as an option)
Mixer	hydraulically driven
Maximum particle size	16 mm

Equipment		EC 450	B	BS
Series	Car coupling	■	■	■
	Central lubrication system	■	■	■
	Lid manual	■	■	■
	Straight overrun device	■	■	■
	Vessel outlet, center	■	■	■
	Cable drum for 20 m cable	■	■	■
	Conversion to 100 km/h	■	■	■
	Customer labelling	■	■	■
	High pressure cleaner	■	■	■
	Lifting eye	■	■	■
	Light holder 24 V	■	■	■
	Location system (GPS)	on request		
	Mix counter	■	■	■
Optional	Mixing time adjustment	■	■	■
	Power cable 63 A (20 m)	■	■	■
	Protective plate for feeder	-	■	■
	Silo flange	■	-	-
	Special canopy paint in RAL colours	■	■	■
	Support feet	-	■	■
	Swan-neck overrun device	■	■	■
	Toolbox	■	■	■
	Truck coupling	■	■	■
	Water dosing	on request		
	Wear plates at the front (both sides)	■	■	■
	Wear plates Hardox 6 mm	■	■	■
	Wear plates Hardox 8 mm	■	■	■
	Wear plates on the dome	■	■	■
	Working lights	■	■	■

* The data is based on experience and depends on the material properties.

■ Series

■ Optional

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