

# Estrich Boy 220, 320



The next generation of pumps for free-flowing floor screeds are available either as an environmentally friendly 2-cylinder Estrich Boy 220 or the more powerful, low-emission Estrich Boy 320 version, equipped with a 3-cylinder diesel engine (DEUTZ).

A robust 2L8 rotor allows output levels of up to 18 m<sup>3</sup> per hour while an effective hydraulic drive enables both clockwise and counter-clockwise rotation of the conveying screw. Output levels are infinitely adjustable and a radio remote control helps monitor all important functions at a glance.

In addition, this Estrich Boy can be outfitted with additional features such as a second mixing screw, a high pressure water cleaner or a quick-clamp mechanism for easy worm and jacket installation.

## Standard machine options

- Hood in RAL 2004 „pure orange“
- Air scoop in RAL 9011 „graphite black“
- Vessel / Chassis in RAL 9006 „aluminium white“
- Worm pump, type 7515
- Forward / reverse control for worm pump
- Worm pump rotational speed infinitely adjustable
- Quick clamp mechanism for easy worm jacket installation
- Worm pump fully integrated inside of machine
- Elektronic control panel
- Hydraulic drive
- Protective grid with auto-shut-off by removal
- Emergency Stop switch
- Central lifting bracket
- Light bracket in 12 Volt version
- 3 storage compartments
- Use on public roads permitted at up to 80 km/h
- DIN ball head or coupling ring
- Support pylons
- 2 brake shoes
- 2 safety bars
- Operating manual
- Spare parts list



Delivery hopper with protective grid



Elektronic control panel



Radio remote control

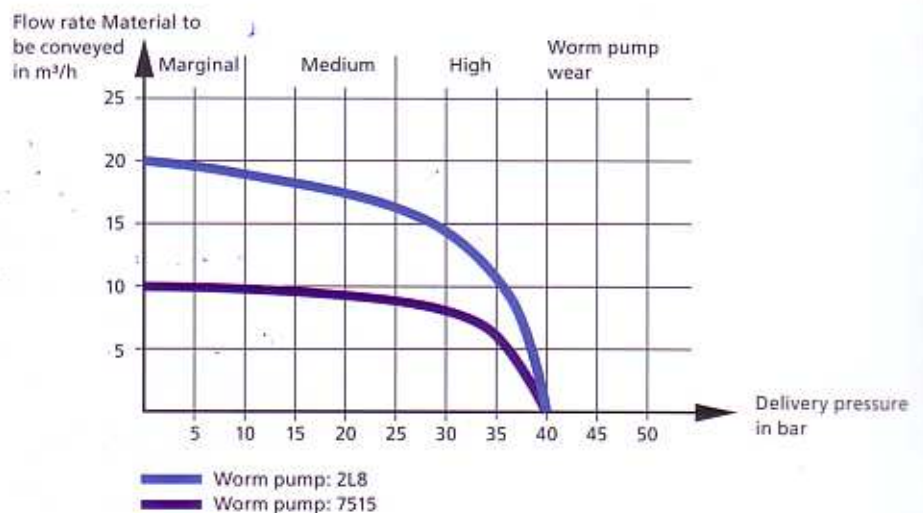
## Delivery performance and wear

This information bases on practical experience and is dependent on material as well as delivery hose diameter.

The diagram represents conditions when using a NW 50 delivery hose with a NW 35 end hose. The reduction of the hose's nominal width increases delivery pressure by approximately 5 bar.

Delivery performance is largely dependent on the worm pump being used, the material composition, operational situation (delivery line length, delivery height) and resulting delivery pressure in the delivery line.

The more delivery pressure rises, the more delivery performance decreases, resulting in additional wear of the worm pump. The ideal delivery performance is a compromise between delivery quantity and worm pump wear.







Engine compartment, right-side view



Storage compartment for replacement worm



Outlet cone with delivery pressure gauge

Technical data	Estrich Boy 220	Estrich Boy 320
Engine	2-cylinder diesel motor DEUTZ 2011 L02, 20 kW oil-cooled, Emission Standards Level IIIA	3-cylinder diesel motor DEUTZ 2011 L03, 30,5 kW oil-cooled, Emission Standards Level IIIA
Worm type	Worm type 7515 (max. grain size 8 mm) Worm type 2L8 (max. grain size 12 mm)	Worm type 7515 (max. grain size 8 mm) Worm type 2L8 (max. grain size 12 mm)
Delivery hopper	245 liters net volume	245 liters net volume
Fill height	1 000 mm	1 000 mm
Sound level	100 dB	100 dB
Tank capacity	55 liters	55 liters
Use on public roads permitted	up to 80 km/h	up to 80 km/h
Weight	1 410 kg	1 450 kg
L / W / H in mm	4 250 / 1 600 / 1 500	4 250 / 1 600 / 1 500

### Optional features

Item number	Description
872 020 1140	Vibrating unit
872 020 0040	Mixing worm (only in combination with high pressure water cleaner)
872 020 1160	High pressure water cleaner (only in combination with mixing worm)
872 020 1230	Diesel particle filter
186 203 4073	Sieve
186 203 4080	Sieve (for dry-run protection, item no. 872 020 1180)
186 203 4074	Sieve grill
872 020 1180	Dry-run protection (only in combination with Sieve, item no. 186 203 4080)
317 711 0333	Radio-operated remote control
872 020 1290	Cable reel with remote control
316 060 0153	Battery for radio emitter
872 020 1150	„Quick clamp“ worm fastening mechanism
317 711 0317	Transmitter on machine, horn
317 711 0324	Transmitter on machine, flashing light
221 730 8000	Traction assembly with DIN coupling-ring
888 800 02	Starter set consisting of: 3x delivery hose NW 50 / 40 bar, 20 m 2x tamping pipe ø 50 mm, alu/scrapper 150 cm, 2 handles 2x tamping pipe ø 50 mm, alu/scrapper 220 cm, 2 handles 2x leather hose clamps, 2x sponge balls ø 60 mm
872 020 1300	Connection adapter mit pressure gauge