

04

the

WET TRADES

WET TRADES

138

Mixers

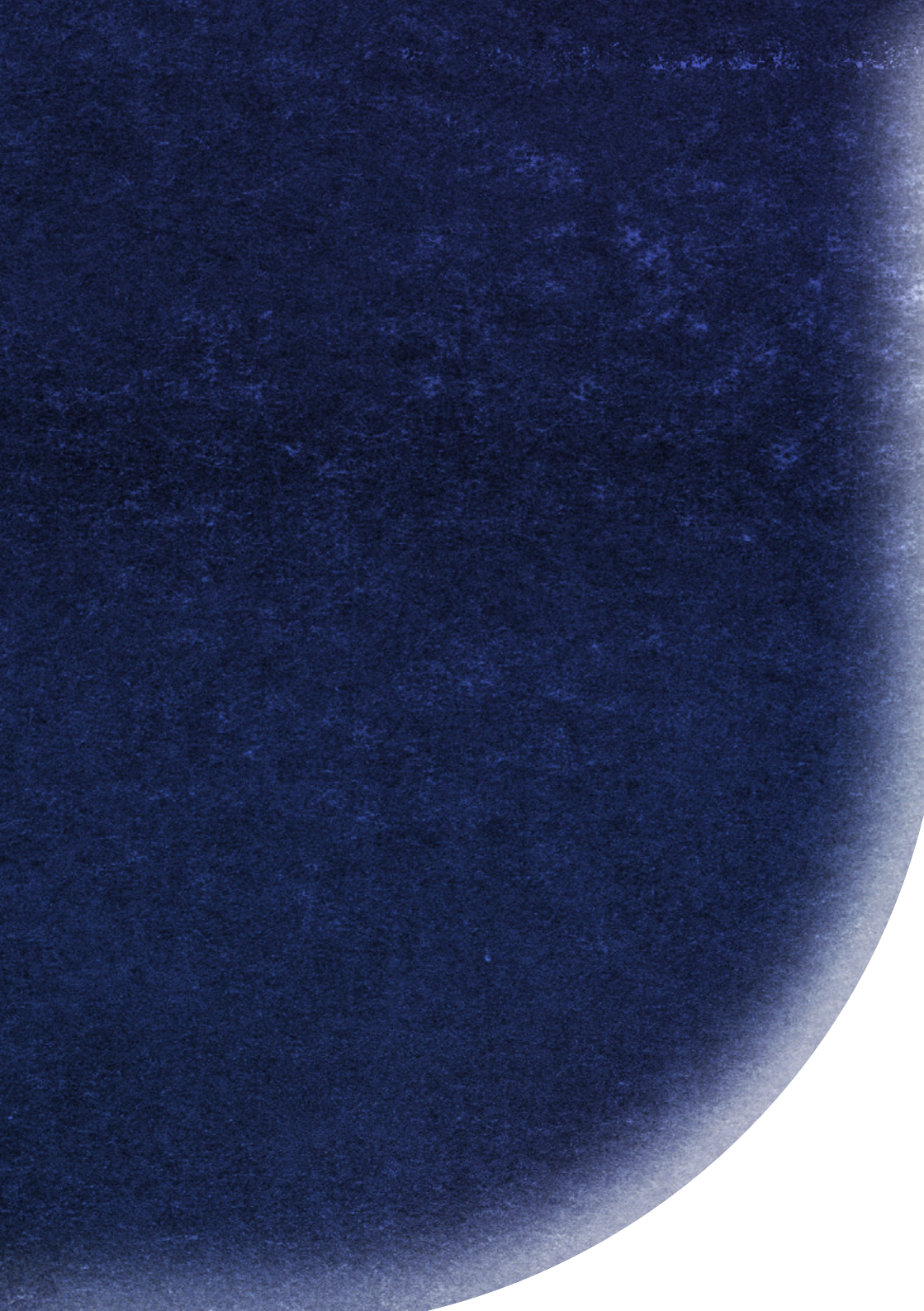
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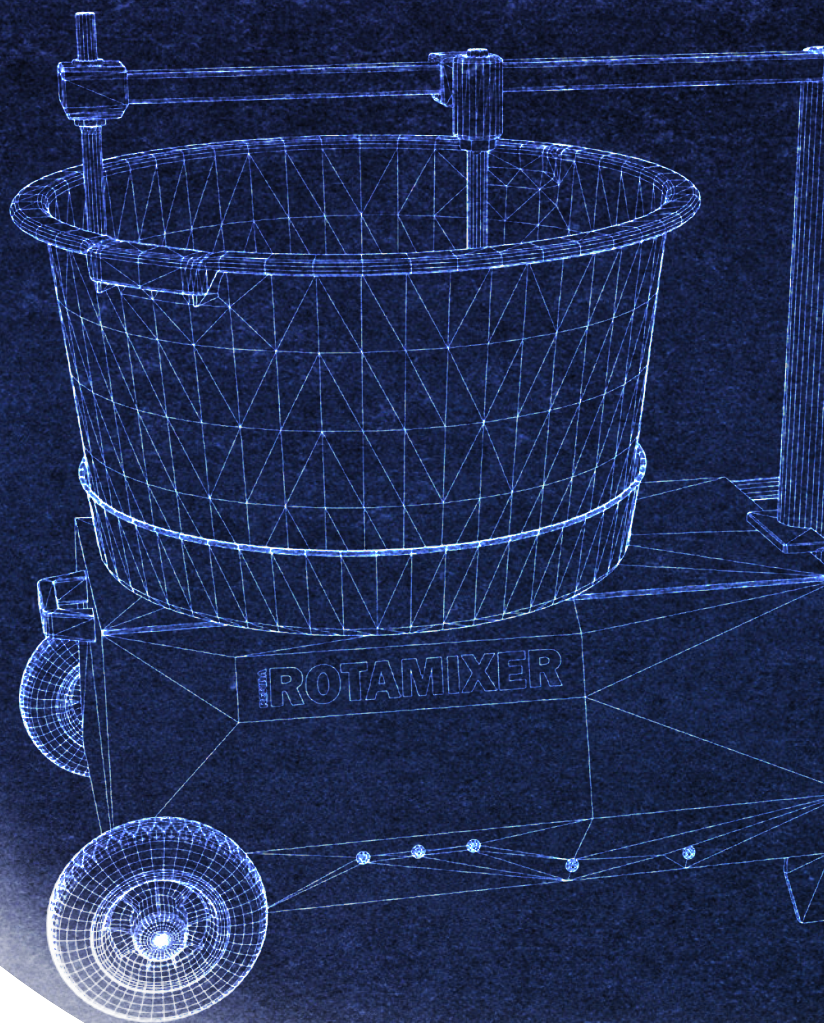
Pumps & screeds

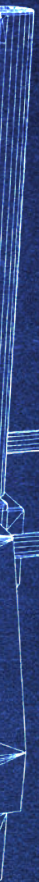
149

Power floats

150







the

**MIXERS,
PUMPS,
SCREEDS,
& POWER
FLOATS**

WHAT MIXER?

Three questions: what you're mixing, what happens next, and the power on site.

HOW ARE YOU MIXING?

- ➔ **Render, screed, mortar, resin-bound**
A tumbling drum can't mix these evenly **FORCED-ACTION MIXERS 146**
- ➔ **Self-leveller**
Folded air-free, up to four bags from one cart **PELICAN 147**
- ➔ **Bigger pours**
Five to six bags; the bigger motor drives it. **HIPPO 147**
- ➔ **A bucket or two**
Small or one-off batches off a drill. **PADDLE MIXER 148**

WHAT'S NEXT?

- ➔ **Moving the mix**
A mixing pump carries plaster or skim down a hose. **MIXING PUMP 149**
- ➔ **Levelling a fresh slab**
The BV30 power screed strikes the pour flat before it sets. **BV30 149**
- ➔ **Finishing the slab**
Power floats close and tighten the surface. **POWER FLOATS 150**

WHAT'S ON SITE?

➔ 110 / 230 V single phase

The m-tec M200 pump runs here; mixers and floats vary, check each.

M200 149

➔ Mains, working indoors (three phase)

The electric power floats run quiet and fume-free.

ELECTRIC POWER FLOATS 150

➔ No mains, open ground

The petrol BV30 screed needs no supply
Let the exhaust clear.

BV 30 149



Against the set

Once water hits the bag you are working against the set. Mix only what you can place before it goes off, and have the pump or the float ready before you start.

Wet trades start with the desired mix. Stiff render, screed and resin-bound need a forced-action mixer that drives a paddle through them; self-levellers need a vertical mixer that folds them without beating in air.



WHAT IT DOES

WHY IT'S USED

WHAT MIXER?

Mixes, pumps, screeds and floats fresh material on site. Forced-action mixers turn render, screed, mortar and resin-bound. Vertical mixers fold self-levellers; drill paddles do small batches. A mixing pump moves plaster down the hose, a power screed strikes off level, floats close the slab hard.

Mixing render, screed and resin-bound too stiff or too big for a drum. Getting self-levellers lump-free before they go down. Pumping plaster where the barrow can't reach. Floating a fresh slab to a flat, hard finish before it sets.

Forced action for stiff mixes that a drum just pushes round the sides: render, screed, mortar, resin-bound (*rm90, SoRoTo 120 L*). Vertical for free-flowing self-levellers, folded without dragging in air (*portamix range*).

STIFF

FLOWING

PUMP

FINISH

Forced-action mixers for render, screed, mortar and resin-bound: *RM90, SoRoTo 120 L*.

Vertical mixers for self-levellers, air-free: *portamix range*.

M-TEC M200 mixing pump moves plaster and filler down the hose.

BV30 power screed strikes level; power floats close the slab hard.



THE MIX

Forced action drives a paddle through stiff, low-slump material, the only way to turn render, screed or resin-bound evenly; a free-tumbling drum just carries it round the sides half-mixed. A vertical mixer does the opposite, folding a self-leveller in its own bucket without beating in air, which would cure as pinholes. Match the action to the consistency, then size each batch to what you can place before it sets.

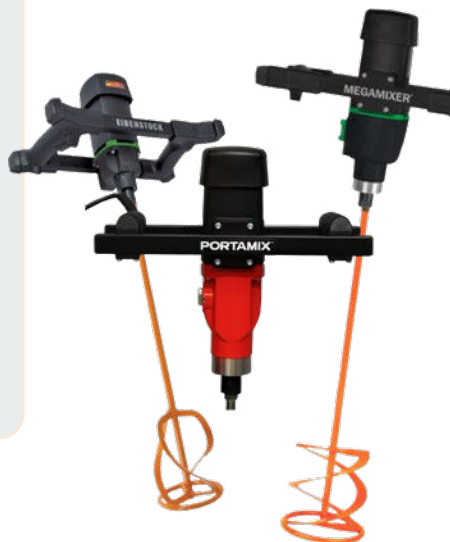
ON THE CLOCK

Everything here runs against the set. Once water hits the bag, render, screed and self-leveller each give a different working window. Mix only what you can place and float in that time, and have the pump or float ready before you mix. Wet cement and lime burn skin and eyes; dry mixing or cutting cured material throws respirable crystalline silica (0.1 MG/M^3 OVER EIGHT HOURS, S.I. 122 OF 2024).

POWER

Indoor or out changes the kit. The electric power floats run quiet and fume-free inside; the petrol BV30 power screed is for open ground where exhaust can clear.

- ① **Forced action:** Paddles or arms driven through stiff mix that a drum can't turn.
- ① **Vertical mixer:** Folds self-levellers without beating in air.
- ① **Power float:** Spinning blades close a fresh slab to a hard finish.
- ① **Screed:** A thin sand-and-cement topping, no gravel.
- ① **High/low slump:** How wet a mix is. Low slump is stiff, high slump pours.



**SOROTO
120 L**

A stationary pan with rotating paddles that force-mix the material, rather than a tilting drum that tumbles it. Perfect for resin-bound material.

DAY 1	€94
+1 DAY	€47
WEEK	€188



BLADES	Steel
DRUM CAPACITY	123 L
MIX CAPACITY	120 L
MOTOR	1.1 kW
SPEED	30 rpm
PHASE	1
VOLTAGE	240 V / 110 V
PLUG SIZE	32 A, 3 pin
WEIGHT	104.0 kg

**REFINA
RM90 / RM60**

Twin-paddle forced action mixer for stiff mixes: render, screed, tile adhesive and resin. Mixes up to three bags at once.

DAY 1	€70
+1 DAY	€35
WEEK	€140



BLADES	L & X shape paddles
MOTOR	1.1 kW
PHASE	1
VOLTAGE	110 V
PLUG SIZE	16 A, 3 pin
WEIGHT	69.0 kg



610 × 795 × 1250 mm



PORTAMIX PELICAN

A compact bucket-based station that mixes, transports and pours self-leveller in one unit.

DAY 1	€110
+1 DAY	€55
WEEK	€220



BLADES	TK200P
DRUM CAPACITY	85 L
VOLTAGE	110 V
PLUG SIZE	16 A, 3 pin
WEIGHT	34 kg

605 × 810 × 1400 mm



PORTAMIX MEGA HIPPO GEN II

Holds a bucket, mixes a 5-6 bag batch of self-leveller with a large dual-helix paddle.

DAY 1	€130
+1 DAY	€65
WEEK	€260



BLADES	TW226D-M16 (full batch) / TW226-M16 (half batch)
MIX CAPACITY	85 L
MOTOR	2.5 kW
SPEED	170 rpm
PHASE	1
VOLTAGE	110 V
PLUG SIZE	32 A, 3 pin
WEIGHT	55.0 kg



PADDLE MIXERS

DAY 1	€38
+1 DAY	€19
WEEK	€76



VOLTAGE	110 V
PLUG SIZE	16 A, 3 pin
MOTOR	1.1–1.8 kW
PADDLES	Included
SPEED	Multi-speed
FEATURES	Ergonomic Handles

1170 × 590 × 1060 mm



M-TEC M200

The m-tec M200 continuously mixes dry plaster or filler with water and pumps the wet mix straight down the hose to where it's laid.



WEEK

€450

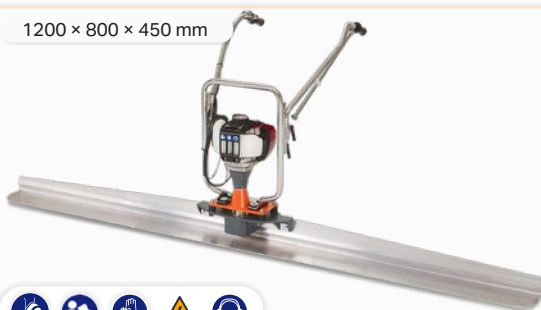


BLADES	Worm pump (variable rotor/stator)
MOTOR	2.2 kW
PHASE	1
VOLTAGE	230 V / 50 Hz
PLUG SIZE	16 A, 3 pin
WEIGHT	110.0 kg

HUSQVARNA BV30

BV 30 is a versatile, petrol-driven walk-behind concrete power screed designed to deliver a high-quality slab.

1200 × 800 × 450 mm



DAY 1 €84

+1 DAY €42

WEEK €168



POWER SOURCE Petrol 0.65 L

WORKING WIDTH Up to 3660 mm

ENGINE POWER 1 kW

SOUND LEVEL 108 dB(A)

WEIGHT 34 kg

800 MM

860 × 680 × 750 mm

1000 MM

1010 × 1010 × 760 mm



POWER FLOAT 800/1000 MM

Electric power float with rotating flywheel, allowing operation in tight corners and in confined spaces. Low noise and no fumes, ideal for working indoors.



800 MM



1000 MM

DAY 1	€140
+1 DAY	€70
WEEK	€280

VOLTAGE	400 V
MOTOR POWER	3.0 kW
PAN DIAMETER	800 / 1000 mm
WEIGHT	63 kg
PLUG SIZE	32 A, 5 pin
CABLE REQUIREMENT	2.5 mm ²
GENERATOR REQUIREMENT	10 kVA

+353 1 88 99 000

Ring us, we're ready to help.