

Ver.1 | Issued 11/19

3x30mm

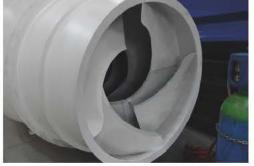
Model KBM/3/32

Drum Specification: Drum Shell 3mm | Swedish Steel Rated Capacity m³ $8m^{3} / 9m^{3}$ Dished End Cone 5mm Dished End 3mm Neck Cone 3mm Mouth Cone 3_{mm} 3_{mm} Blades **Blade Spacing** 950mm Blade Depth 495mm

Photos:













Structure:

Capping

- Sub-Frame

Full length, high tensile section (size 150x75x8 mm) to match chassis width and internally welded front & rear support U-Bolt mountings. Ensures that focus is applied dynamically in the mixer frame. U Bolts can be easily changed.

- Body Mounts Rigidly fixed plates will be welded into position for local bolting to the truck chassis.

- Rollers

Steel Wheel (280 x 90 x 35 mm) with Timken case hardened IBS bearings. Rollers and track ring can be greased at front ground level via remote greasing point manifold.

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Mixer Drive-Line:

GKN shaft from auxiliary drive PCE, 687.15 Series, 670mm - PTO

W/L, 100 mm DIN Flanges, 6 X M8 Bolt Holes

PMH P90 Pump. Maximum Pressure 450 bar. Axial pistons - Pump

and variable flow pump. 89.5 cm³ / 89.5cc capacity

- Motor PMH M90 Hydraulic Pump. 89.5 cm³ / 89.5cc displacement.

Fixed Flow

- Gearbox PMP B6.5 1202.4 hydraulic pump drives the water pump via

a sheer coupling.

- Cooler ASA oil cooler with temperature control via 59° thermostat,

20 L oil reservoir and filter

-Oils Hydraulic: SAE7580

Gearbox: SAE85W90

Photos:







Rear Control Station:

The mixer is controlled via cable located both at the rear & - Water - Engine

incab. Engine revs controlled by push buttons.

1" BSP stainless steel control valve and batching meter.

-Other

Any other additional options

- Slumping

3" hydraulic pressure gauge mounted in rear control panel to provide indication of slump.

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Water System

- Tank Size 400 Litre maximum capacity aluminium tank with external sight glass.

- PumpDirect drive centrifugal pump driven by mixer gearbox PTO featuring sacrificial sheer coupling to protect mixer gearbox in the event of frost

Meter 1-1/4" Maddalena BSP, brass flow-meter with analogue display and reset facility. Each end connected with quick release for ease of change.

- Valves 1-1/2" BSP stainless steel ball valves, robust with improved stem seal and rugged steel handle

- Drain
Point

1/4" BSP stainless steel ball valve at front, middle and rear.
Rear and middle to drain whole system. Front is low and drains pump.

- Wash Off 3/4" hoses with brass nosed to rear at ground level and at ladder platform

Tank Fill One nearside, one off side front with compressed air style claw coupling.

Photos:









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Chutes & Hoppers

- Charge Single steel piece high flow with wear plate

- **Discharge** High capacity discharge hopper with wear liner

- Pan-Chute 3 mm (130cm long) pan chute with wear liner

- Spares 2 spare plastic chutes which are mounted on top of mudwings each side.

- Chute
Actuation

Mechanical screw jack ram for rise and fall of pan-chute with manual rotation with clamping lock.





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Body Fittings

Ladder Fixed ladder gives access to wide platform and features anti-slip rungs. Pull out to lower ladder.

- Platform Large anti-slip platform with step to right and handrail with auto close anti-fall back barrier.

- Mudwings Three piece thermo-plastic / galvanised steel combination with gloss finish for easy cleaning.

- Sideguards Bolt on galvanised channel with hinged legs and anodised aluminium side rails. Type Approved

Warning badges for "cement burns", "authorised operator only", "rotating parts" etc





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