

# IN BUILD

**Kel-Berg Transit Mixer Installation** 

Model KBM/3/18

# Ver.1 | Issued 11/19

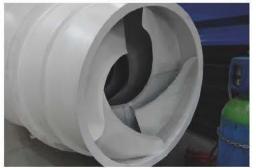
# Model KBM/3/32

Drum Specification:	
Drum Shell	3mm   Swedish Steel
Rated Capacity m <sup>3</sup>	$4m^3 / 9m^3$
Dished End Cone	5 mm
Dished End	3 mm
Neck Cone	3 mm
Mouth Cone	3 mm
Blades	3 mm
Blade Spacing	1000 mm
Blade Depth	
Capping	3 x 30 mm

#### Photos:













#### Structure:

- Sub-Frame

Full length, high tensile section (size 80x110x90 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 ( $280 \times 90 \times 35 \text{ mm}$ ) 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 cm<sup>3</sup> / 89.5cc capacity

- Motor PMH M90 Hydraulic Pump. 89.5 cm<sup>3</sup> / 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

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

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#### **Water System**

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

**- Pump**Direct 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.









#### **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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