

# MAGNUM MK 32L

## Main features

- Compact and harmonic line, studied for assembling on 4 axles chassis
- **Chassis** at extremely high torsion absorption, calculated according to Finite Elemental Methods (FEM)
- Ideal load distribution on the axles to obtain better driving stability
- **Outriggers** fully hydraulic controlled on both machine sides with front telescopic double extension at automatic patented sequence and fixed rear outriggers.
- Great loading capacity drum with elliptic bottom, in high wear resistant steel of 30 MnB5
- **Placing boom MK 32L**, 4 sections, pipeline diameter 100 mm, "Z" folding system
- **CIFA Pumping unit** with 7" valve of high concrete suction performances and filling ratio, less wearing, improved and optimised shape to reduce wearing and diesel fuel consumption
- Proportional boom control
- "BFC" Best-Flex Cifa supporting system which allows quick, easy and safe pipeling changing by just one worker
- Concrete flow regulator
- Safety device at concrete discharging door opening
- Noiseless pumping with high performances: smooth, continuous and easy movements
- Reduction 5"-4" 3000 mm length to decrease pumping pressure and wearing

## Standard equipment

- 2 Proportional radio remote control with two boom movement speed, synthesiser for automatic frequency search, 8 position joy stick and concrete flow rate regulator. 20 mt cable
- Vibrator on the concrete hopper grid with remote control
- Centralized lubrication system for pumping unit
- Oil automatic lubrication system for pumping pistons
- Additional manual lubrication system for pumping unit
- Hard plastic outrigger support plates with relevant housing
- Light for pumping unit hopper
- Accessories for cleaning and washing
- Automatic adjustment feeler of truck-mixer discharge into hopper

## Optionals

- Concrete pipes with double thickness, in high wear resistant steel
- Continuous boom rotation
- Cone-shaped discharging chute with end-cone dia. 200 mm
- Further 2 additional chute sections (supplied loose)
- Manual greasing system for rollers and rolling ring
- Automatic centralized greasing system for boom
- Emergency set of hydraulic pipeline
- Rubber protection between mudguards and chassis
- Reversible chute
- "Ekos" dust exhausting device for drum closing
- Pumping unit Electronic version: PB 607 EPC

## TRUCK-MIXER PUMP "MAGNUM" MK 32L-115 RH/RHS

|                       |                             |
|-----------------------|-----------------------------|
| <b>Placing Boom</b>   | MK 32L                      |
| <b>Pumping Unit</b>   | PB 806 S7, PB 607 S7        |
| <b>Concrete Mixer</b> | RH-RHS 115                  |
| <b>Driven by</b>      | PTO-Coupler-Separate engine |
| <b>Chassis</b>        | 4 axles                     |

## Concrete Mixer Technical data

| MODEL                           |             | 115    |
|---------------------------------|-------------|--------|
| Nominal capacity                | $m^3$       | 10     |
| Drum geometric volume           | $m^3$       | 14,6   |
| Filling ratio                   | %           | 69     |
| Max. drum speed                 | $r.p.m.$    | 14     |
| Water tank capacity             | $l$         | 800    |
| Water pump flow rate - Pressure | $l/min-bar$ | 230/15 |
| Liter-counter scale             | $l$         | 0-500  |

## Pumping unit technical data

| MODEL                               |           | PB 607 S7 | PB 806 S7 |
|-------------------------------------|-----------|-----------|-----------|
| Max. theoretical output             | $m^3/h$   | 60        | 81        |
| Max. pressure on concrete           | $bar$     | 71        | 56        |
| Max. number of cycles per minute    | $n^\circ$ | 32        | 43        |
| Concrete cylinders (diam. x stroke) | $mm$      | 200x1000  | 200x1000  |
| Concrete hopper capacity            | $l$       | 400       | 500       |
| "S" valve diameter                  | "         | 7         | 7         |

## Placing boom technical data

| MODEL                     |      | MK 32L |
|---------------------------|------|--------|
| Pipeline diameter         | $mm$ | 100    |
| Max. vertical reach       | $m$  | 31,2   |
| Max. horizontal distance  | $m$  | 27,2   |
| Section numbers           |      | 4      |
| 1st section opening angle |      | 90°    |
| 2nd section opening angle |      | 180°   |
| 3rd section opening angle |      | 254°   |
| 4th section opening angle |      | 254°   |
| Rotating angle            |      | 370°   |
| End hose length           | $m$  | 4      |

Technical data and characteristics subject to modifications without notice