

# MAGNUM MK 24.4Z

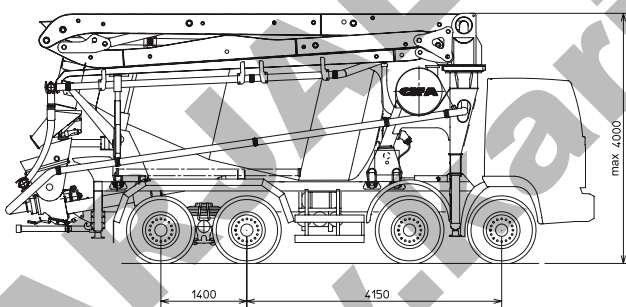
## TRUCK-MIXER PUMP "MAGNUM" MK 24.4Z-80/115

Placing Boom  
Pumping Unit  
Concrete Mixer  
Driven by  
Châssis

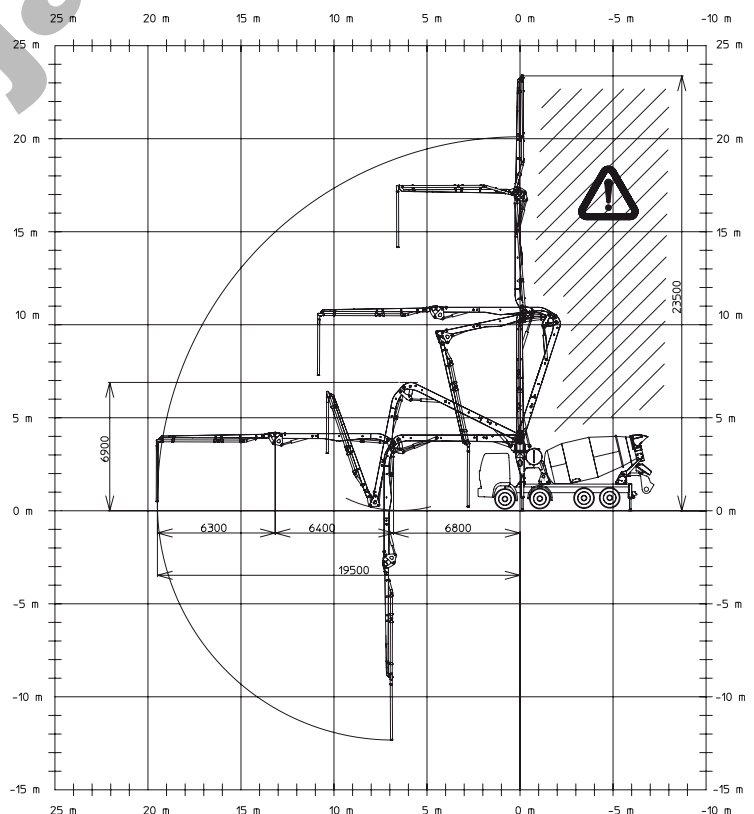
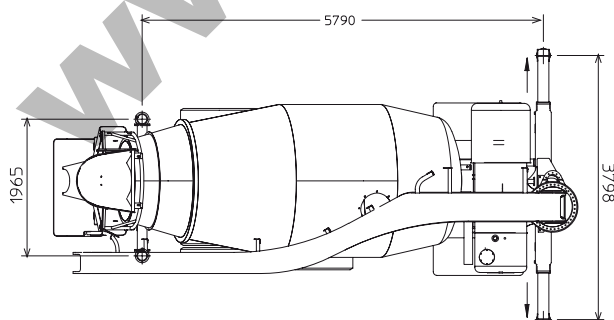
MK 24.4Z  
PB 607 S7  
RH-RHS 80/115  
PTO/Separate engine  
3/4 axles (RH-RHS 80) or  
4 axles (RH-RHS 115)



### Dimensions



Dimensions varying according to truck assembly



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Chassis

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PTO/Separate engine  
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4 axles (RH-RHS 115)

### Main features

- Compact and harmonic line, studied for advantageous assembling on 3/4 axles (RH-RHS 80) or 4 axles (RH-RHS 115) chassis
- Ideal loads distribution on the axles to obtain better driving stability
- Self-supporting frame - torsion free FEM designed
- Outriggers fully hydraulic controlled on both machine sides
- High loading and mixing capacity drum and elliptic bottom
- Placing boom MK 24.4 Z, 3 sections, pipeline diameter 100 mm, "Z" folding system
- Proportional boom control allowing the operator to control more placing boom sections simultaneously
- The "BFC" Best-Flex Cifa supporting system allowing just one man to change delivery pipeline easily, quick and safety
- Concrete flow rate regulator
- Quiet pumping with high performances: smooth, continuous and easy movements
- Safety device on opening inspection hatch

### Standard equipment

- 2 Proportional radio control with two boom movement speed, synthesiser for automatic frequency search, 8 position joy stick and concrete flow rate regulator. 20 mt cable
- Remote controlled vibrator on the concrete hopper grid
- Centralized lubrication system for pumping unit
- Automatic lubrication system for pumping pistons by hydraulic oil
- Additional manual lubrication system for pumping unit
- Hard plastic outrigger support plates with relevant housing
- Rear light on hopper
- Accessories for cleaning and pipes washing
- Automatic adjustment feeler of truck-mixer discharge into hopper
- Pumping unit with 7 inches "S" shaped valve

### Optionals

- Continuous rotation of boom
- Cone-shaped discharging chute with end-cone diam. 200 mm
- Further 2 additional section chutes (supplied loose)
- Manual greasing system for reducer, rollers and rolling ring
- Automatic centralized greasing system for boom
- Hydraulic pipeline emergency kit
- High Pressure water pump
- "Ekos" dust exhausting device for drum closing
- Pumping unit Electronic version: PB 607 EPC
- Concrete pipes, double thickness, in high resistant steel - CIFA Long Life Pipes

### Concrete Mixer Technical data

Model		80	115
Nominal capacity	m <sup>3</sup>	7	10
Drum geometric volume	m <sup>3</sup>	12,8	14,6
Filling ratio	%	55	69
Max. drum speed	1/min	14	14
Water tank capacity	l	910	910
Water tank capacity/pressure	l/min - bar	230/15	230/15
Liter-counter scale	l	0-500	0-500

### Pumping unit technical data

Model		PB 607 S7
Max. theoretical output	m <sup>3</sup> /h	61
Max. pressure on concrete	bar	71
Max. number of cycles per minute	n°	32
Concrete cylinders (diam. x stroke)	mm	200x1000
Concrete hopper capacity	l	400
"S" valve diameter	"	7

### Placing boom technical data

Model		MK 24.4Z
Pipeline diameter	mm	100
Max. vertical reach	m	23,5
Max. horizontal distance	m	19,5
Section numbers		3
1st section opening angle		108°
2nd section opening angle		184°
3rd section opening angle		271°
Rotating angle		370°
End hose length	m	4

Technical data and characteristics subject to modifications without notice