

CARBOTECH Series

KHOH

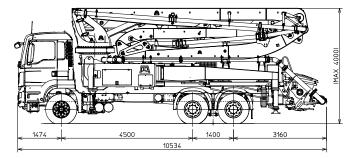
TRUCK-MOUNTED CONCRETE BOOM PUMP

Placing boom
Pumping unit
Priven by
Chassis

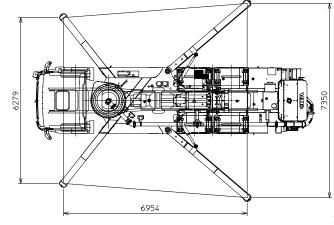
B5RZ 40/36
HP1608EC
PTO or gear box
3 - 4 axles

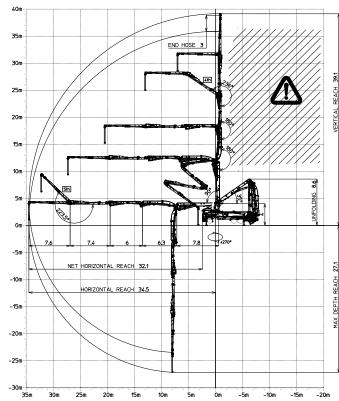


Dimensions



Dimensions varying according to truck assembly







CARBOTECH Series



Standard equipment

- Placing boom B5HRZ 40/36, 5 sections, "RZ" folding system
- 4th and 5th boom sections made of light and resistant CIFA CARBOTECH composite material. 1st,2nd and 3rd sections made of high strength steel
- Advantageous assembling on standard 3 axles chassis
- Fully hydraulic outrigger controls on both sides of the truck
- Front "X" style diagonal outriggers with single telescopic opening and swing-out rear outriggers for a quick and easy set-up also in narrow areas
- "Load Sensing" proportional boom control
- "BFC" Best-Flex Cifa supporting system allowing just one man to change delivery pipeline easily, quickly and safe
- Concrete flow rate regulator
- · Safety device on opening inspection hatch
- Pumping unit with closed loop HP1608EC
- Project conforms to Directive Machinery 2006/42/CE
- 2 Proportional radio control Hetronic with two boom movement speed, synthesizer for automatic frequency search, 8 position joy stick and concrete flow rate regulator. 20 mt cable
- Double thickness concrete pipes, in high resistant steel and insert carbide crome - CIFA Long Life Pipes
- Emergency control pad for pumping unit
- Remote controlled electric vibrator placed on the concrete hopper grid
- · Centralized lubrication system for pumping unit
- · Automatic oil lubrication system for pumping pistons
- Additional manual lubrication system for pumping pistons
- Hard plastic outrigger support plates with relative housing
- Rear light on hopper
- Level readers for stabilization control
- Accessories for cleaning and pipes washing
- Fiber glass hopper covering
- Medium pressure water pump (50l/50bar)
- Emergency pumping unit kit

Control system

- Smartronic Gold
 - intergrated color LCD
 - counters
 - pumping unit management
 - diagnostic
 - capsense rear panel
 - ASC (Advanced Stability Control)

Main Options

- High pressure water pump 28I / 120 bar
- · Air compressor for pipeline cleaning
- Centralized lubrification system for placing boom
- Air pipeline for placing boom
- Separated emergency engine kit for independent control of the concrete pumping unit, boom and water pump
- Concrete shut-off valve
- Rear camera for easy manoeuvring
- Double thickness boom straight pipes, in high resistant steel and insert carbide crome - CIFA LLT Long Life Top
- Proportional radio control with display

TRUCK-MOUNTED CONCRETE BOOM PUMP

Placing boom B5RZ 40/36
Pumping unit HP1608EC
Driven by PTO or gear box
Chassis 3 - 4 axles

Pumping unit technical data

Model		HP1608EC
Maximum theorical output	m³/h	160
Maximum pressure on concrete	bar	80
Maximum number of cycles per min.	nr.	31
Conc. cylinders (diam. x stroke)	mm	230x2100
Concrete hopper capacity	1	550
Hydraulic circuit		closed

Placing boom technical data

Model		B5HRZ 40/36
Pipeline diameter	mm	125
Maximum vertical reach	m	39,1
Maximum horizontal distance (from center of slewing axis)	m	34,5
Minimum unfolding height	m	8,6
Section numbers		5
1st section opening angle		90°
2nd section opening angle		180°
3rd section opening angle		180°
4th section opening angle		236°
5th section opening angle		223°
Rotating angle		+/-270°
End hose length	т	3

Technical data and characteristics subject to modifications without notice



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