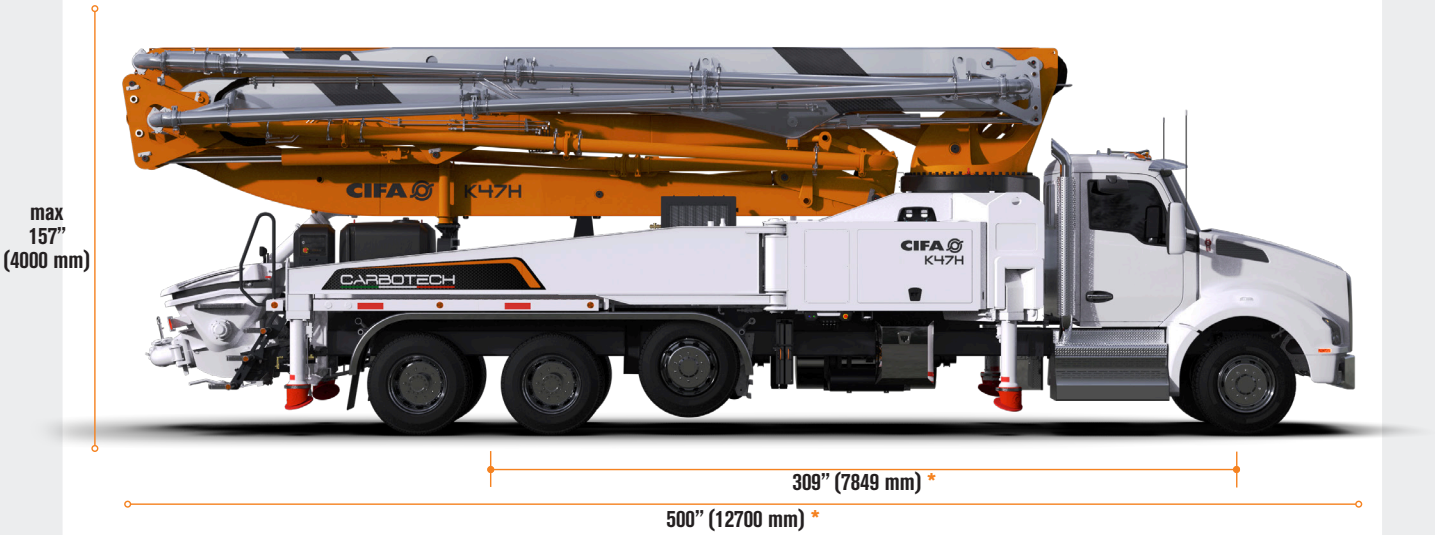
CIFA

CARBOTECH Series

K47H



* Technical data and features subject to change without notice

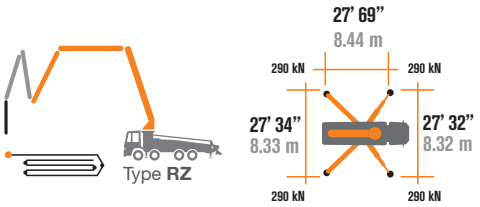
Pumping unit technical data

		HP1608EC	HP1808ECX
Max. theoretical production	m^3/h yd^3/h	160 210	180 235
Max. pressure on concrete	bar psi	80 1160	83 1203
Concrete rods (diam.x stroke)	mm inch	230 x 2100 9” x 83”	260 x 2100 10” x 83”
Hopper capacity	l gal	550 145	600 159
Hydraulic oil circuit		closed	closed

Total weight less than 70,547 pounds, payload to the user always available.

Carbon fiber technology for less weight, further reach and higher strength.

Small stabilization dimensions for easy placement in all types of job sites.



Standard machine management

Smartronic gold

- ASC Advanced Stability Control
- MBE Maximum boom extension control
- LCD monitor
- RPM automatic management
- Pumping unit management
- Advanced diagnostic
- Rear capsense control panel

ASC is standard equipment

ASC

The automatic continuous verification of the center of gravity of the machine guarantees the maximum safety of boom movement and the maximum possible coverage of the job area, even with partial opening of the stabilization.

MBE

MBE Maximum boom extension control

A rpm

Automatic RPM Management

Boom technical data

		B5HRZ 47/43
Piping diameter	mm inch	125 5
Max. vertical reach	m yd	46.1 50.4
Max. horizontal distance (from the center of the axis of rotation)	m yd	38.6 42.2
Min. unfolding height	m yd	8.9 9.7
Number of sections		5
1st section opening angle		90°
2nd section opening angle		180°
3rd section opening angle		180°
4th section opening angle		237°
5th section opening angle		230°
Angle of rotation		+/-270°
Length of rubber hose terminal	m yd	3 3.3

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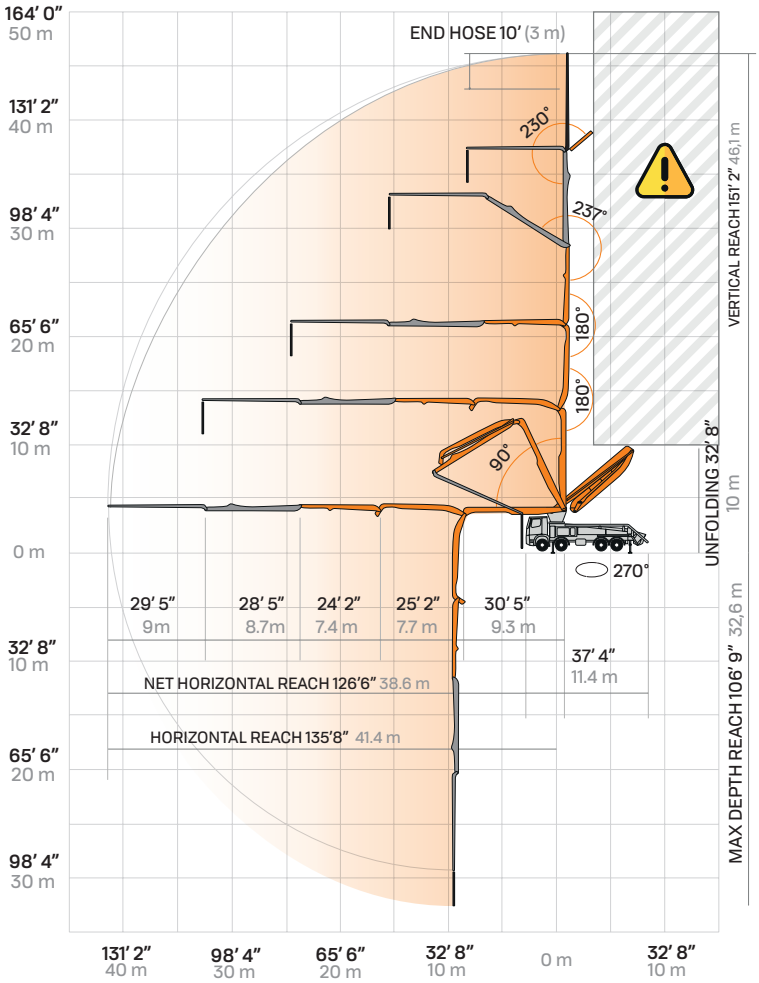
Standard equipment

- Section I, II and III made of high strength steel
  Section IV, V made of high-strength carbon fiber
- Front "X" style diagonal outriggers with double telescopic opening and swing-out rear outriggers for a quick and easy set-up also in narrow areas
- Driven by Stiebel PTO
- Boom control by means of "Load Sensing" proportional distributor
- Boom rest control
- Safety device upon opening of concrete discharge door and hopper grille
- Emergency device for pumping group
- 2 HBC proportional radio controls with 3 manipulators
- Emergency radio control cable 65' (20 m)
- Plastic water tank with 158 gallon (600 L) capacity
- Medium pressure water pump 19 GPM / 580 PSI (75 L/min / 40 Bar)
- LED lights for stabilization and hopper lighting
- Double layer piping with chromium carbide inserts on the entire piping line
- Washing accessories
- High resistance of the components most subject to wear ("S" valve, wear plate, compensating ring)
- Declaration of conformity supplied with the User and Maintenance Manual

Main options

- High pressure water pump 3.96 GPM / 2175 PSI (15l / 150 bar)
- Centralized boom lubrication system
- Concrete shut-off valve
- Straight concrete piping on double layer boom with high wear-resistance chromium carbide inserts CIFA LLT Long Life Top
- Radio remote control: Hetronic or HBC equipped with display
- Smartronic Advanced: In addition to the Smartronic Gold functions, provides ASC2.0 stability control, ABC (Boom Antibouncing), Boom Automatic Opening & Closing
  Includes radio remote control Hetronic or HBC with display
- Automatic boom opening and closing
- **Wide customization options available on request, details available on pricelist**

Distribution boom B5HRZ 47/43



Advanced Stability Control 2.0

Antibouncing

Boom automatic opening and closing

Carbon Fiber Video

Smartronic Video

Product Video

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