

\* Technical data and features subject to change without notice

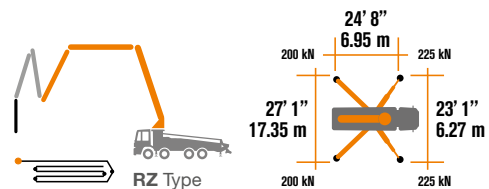
### Pumping unit technical data

	HP1608EC	
Max. theoretical output	209 yd <sup>3</sup> /hr	(160m <sup>3</sup> /hr)
Max. pressure on concrete	1160 psi	(80 bar)
Maximum number of cycles per min.	31	
Concrete cylinders (diam. x stroke)	9" x 83" (230 x 2100 mm)	
Concrete hopper capacity	19.4 ft <sup>3</sup>	(550 l)
Hydraulic circuit	closed loop	

Total weight less than 57,000 pounds  
(26,000 kgs)

Compact, 5 arm machine for increased  
versatility and reach.

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



### Placing boom technical data

Pipeline diameter	5"	(125 mm)
Max. vertical reach	128' 4"	(39.1 mm)
Max. horizontal distance (from center of slewing axis)	113' 1"	(34.5 m)
Net horizontal reach	105' 2"	(32.1 m)
Min. unfolding height	28' 3"	(8.6 m)
Number of sections	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	10'	(3 m)

### 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



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**  
Maximum  
boom extension  
control



**Automatic RPM**  
Management



# CARBOTECH Series K40H

## Standard equipment

- Arms 1, 2 and 3 made of high strength steel
- Arms 4 and 5 made of high-strength, lightweight carbon fiber
- Front "X" style diagonal outriggers with double telescopic opening and swing-out rear outriggers for a quick and easy set-up
- High strength fiberglass hopper cover
- Boom control by means of load sensing proportional distributor
- Emergency device for pumping group
- 2 HBC fully proportional radio remotes
- Back up radio cable 65 ft (20 m)
- Plastic water tank with 158 gallon (600 liter) capacity
- Washout water pump 104 psi@13gallons/min (50 l/min @ 50 bar)
- LED lights for stabilisation and hopper lighting
- Medium pressure water pump 19 GPM / 580 PSI (75 L/min / 40 Bar)
- LED lights for stabilization and hopper lighting
- 5" (125 mm) twin wall pipe with chromium carbide inserts
- Easy release pipe clamps for single person handling
- Washout accessories
- Hard faced wear surfaces -S-valve, wear plate, compensating ring, agitator paddles
- User and maintenance manual

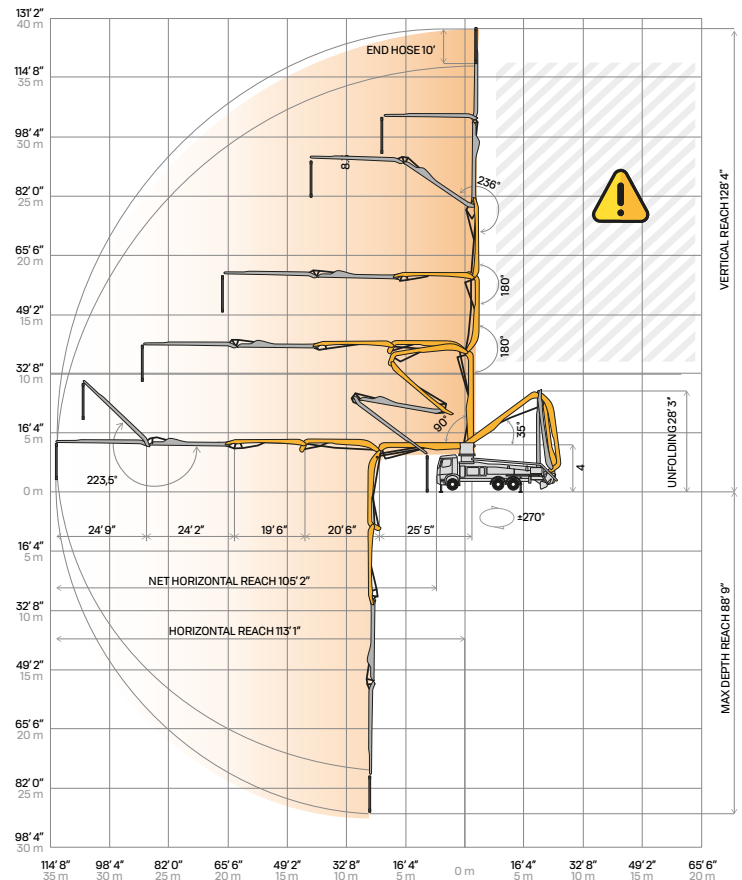
## Optional Equipment

- High pressure water pump 7,4 GPM / 1740 PSI (28l / 120 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
- Smartertronic Advanced: In addition to the Smartertronic 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

## Boom Package

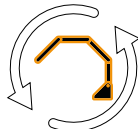
5RZ 40



**Advanced  
Stability Control  
2.0**



**Antibouncing**



**Boom  
automatic opening  
and closing**

Carbon Fiber Video



Smartertronic Video

