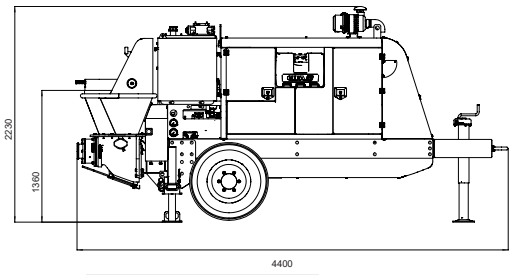
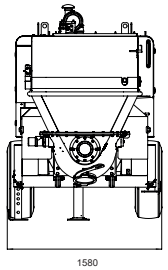
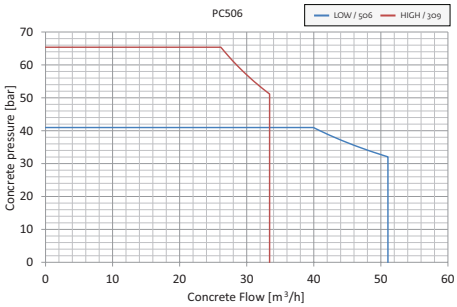
S6 SERIES

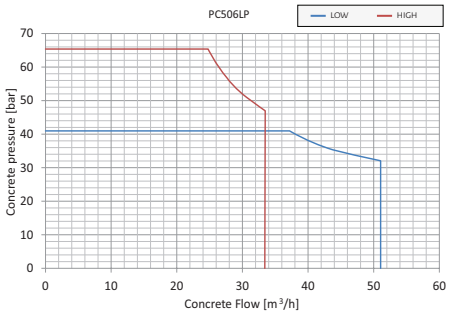
* Technical data and features subject to change without notice

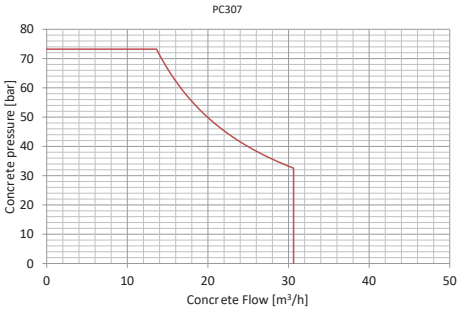
Dimensions and performance diagrams

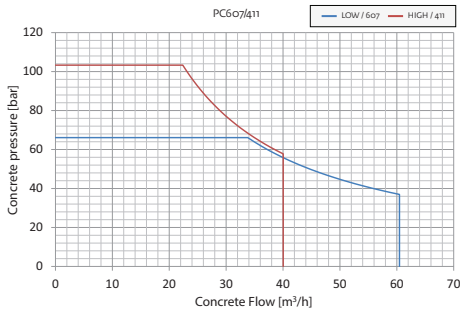












S6 SERIES

Main features

- The power source is provided by separate engine (Diesel or Electric)
- Diesel Engine by Deutz (Stage V)
- 'S' shaped valve for any type of concrete, made of special steel
- Rapid valve exchange
- Ideal operation even at high pressures with continuous and smooth pumping flow
- Automatic wear compensation
- Hydraulic system in open circuit
- Transformation of the pumping units from high to low pressure or viceversa (PC506-PC309 / PC607-PC411)
- Low noise
- Low running costs
- Easy maintenance and quick cleaning operations
- Machines can work up to -25° (-13°F)
- Concrete flow rate regulator
- Quiet pumping with high performances: smooth, continuous and easy movements

Standard equipment

- Electric vibrator on the hopper grid
- Jobsite axle and highway axle (with electric brakes)
- Pintle hitch or 2 5/16" ball hitch
- N° 3 manual outriggers
- Concrete outlet piping with bend and counterbend reduction device up to 5"
- Centralized automatic lubrication system
- Hydraulically driven water pump 50 l/min - 50 bar (13.2 gal/min-725 psi)
- Concrete flow rate regulator on board
- Washing pipe complete with nozzle
- N° 2 sponge rubber balls
- Remote control with 20m (66 ft) cable
- Acoustic signal for Diesel engine breakdown
- Two tone paint - CIFA colors (orange, gray (standard))

Unladen weight (with oil, without diesel)

		Step IIIA	Step V	E
PC 307	kg (lbs)	2980 (6570)	2980 (6570)	2890 (6371)
PC 506 LP	kg (lbs)	-	2980 (6570)	-
PC 506	kg (lbs)	3270 (7210)	3270 (7210)	3150 (6945)
PC 309	kg (lbs)	3270 (7210)	3270 (7210)	3150 (6945)
PC 607	kg (lbs)	3350 (7385)	3350 (7385)	3200 (7055)
PC 411	kg (lbs)	3350 (7385)	3350 (7385)	3200 (7055)

Portable pump on skid : +350 kg (770 lbs)

Options

- Hydraulically controlled air compressor, bicylindrical, two-stage capacity 450 l/min inlet, max. pressure 15 bar, complete with accessories, washout ball basket and stub pipe
- Washout ball basket and stub pipe diam. 5.5" with joint
- Catalytic muffler for Deutz engines
- Tandem axle with electric brakes

Technical data

		PC 307	PC 506LP	PC 506/309	PC 607/411
Drive power Stage V	kW (HP)	55 (73.8)	55 (73.8)	74,4 (99.8)	85 (114)
Drive power E	kW (HP)	30 (40.2)	-	55 (73.8)	75 (!00.6)
Max. theoretical output (□/◆)	m^3/h (yd^3/h)	30 (39.2)	52 (68)	52 (68) / 34 (44.5)	60 (78.5) / 40 (52.3)
Max. pressure on concrete (□/◆)	bar (psi)	70 (1015)	41 (595)	41 (595) / 65 (943)	67 (972) / 105 (1523)
Max. number of cycles per minute (□/◆)		21	36	36 / 24	41 / 27
Concrete cylinders (diam. x stroke)	mm (in)	176x1000 (6.9 x 39)	176x1000 (6.9 x 39)	176x1000 (6.9 x 39)	176x1000 (6.9 x 39)
Concrete hopper capacity	l (gal)	350 (93)	350 (93)	350 (93)	350 (93)
Fuel tank capacity	l (gal)	80 (21)			
Oil tank capacity	l (gal)	320 (85)			
Urea tank capacity (Stage V)	l (gal)	15 (4)			
Hydraulic pressure	bar (psi)	350 (5076)			
Rod side drive □ / Piston side drive ◆		◆	□	□/◆	□/◆

CIFA
A ZOOMLION COMPANY

CIFA North America, Inc. / 4330 Conifer Court, Union Grove, WI 53182
Office: +1 (262) 835-4022 / sales-na@cifa.com

na.cifa.com