

# PC 158



## Characteristics

PC 158 is a 2-cylinder hydraulic piston pump with S-valve and variable output for pumping concrete, micro-concrete, special concrete and for shotcrete. PC 158 is a reliable choice, especially in difficult working conditions.

## Applications

Concrete, grouts, structural mortars, refractory mortars

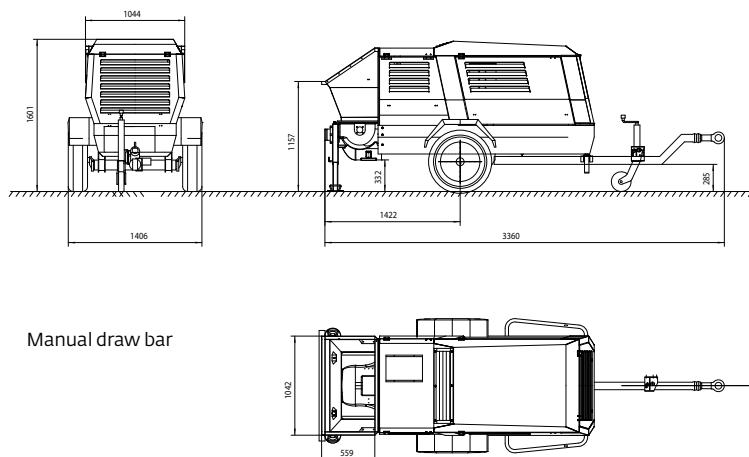
Self-levelling floor screeds

Land reinforcement

Micro-piles, pressurized injection of mortars and cementitious slurries

Compaction grouting

## Dimensions





# PC 158

## Technical data

Liquid cooled diesel engine		4-cylinder - Perkins - 404D22 - 36,3 kW - 50 HP (Stage III A)
Electric motor (upon request)		22 kW - 400 V 50 Hz
Infinitely adjustable output*	m <sup>3</sup> /h	from 2 to 15
Max. aggregate size	mm	25
Max. working pressure	bar	80
Pumping cylinders	mm	Ø 120 x 700 mm
Max. strokes		30
Drive cylinder diameter	mm	80/50
Delivery manifold	mm	Ø 100
Hopper capacity	l	250
Delivery distance*	m	200
Delivery height*	m	100
Filling height	cm	135
Chassis		Manual drawbar - fixed axle and pneumatic wheels
Dimensions (L x W x H)	cm	336 x 150 x 160
Weight (draw-bar)	kg	1.555 kg

\* Theoretical data. Actual performance depends on the quality and consistency of the used materials, wear and tear of the pump and the diameter of the hoses. The performance in distance and height can not be reached simultaneously.

## Technical advantages

PC 158 can be used both for concrete and mortar pumping thanks to its optimized hydraulic layout design.

With 80 bar of maximum pressure, the PC 158 machine can pump between 2 and 15 cubic meters per hour of concrete to considerable heights and distances.

It can be equipped with steel pipes or rubber hoses of different diameters depending on the aggregates size and target output.

## Scope of delivery

4-cylinder liquid cooled diesel engine

Hopper assembly with S-valve and agitator

Centralized lubrication system

Hydraulic circuit with optimized exchange sequence

Electromechanical control board

Variable displacement hydraulic pump

30 m cable remote control

Accessory box

Concrete grill with electric vibrator