

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

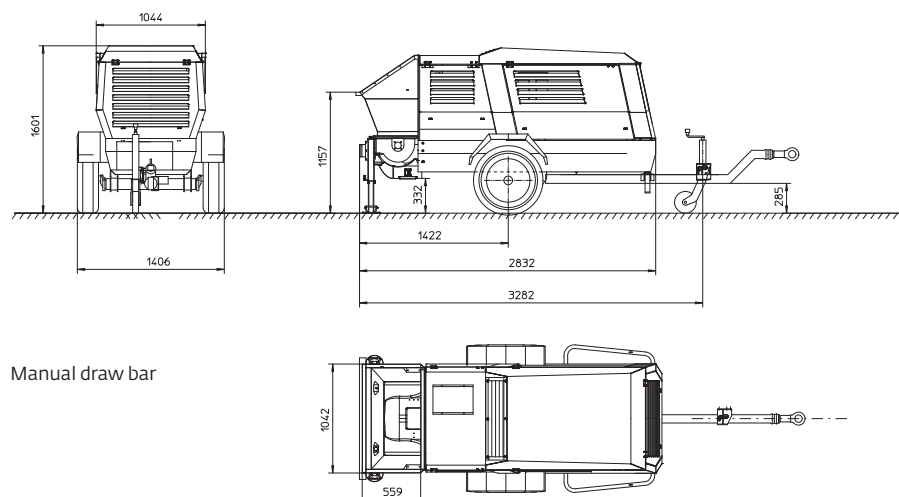
Self-levelling floor screeds

Land reinforcement

Micro-piles, pressurized injection of mortars and cementitious slurries

Compaction grouting

Dimensions





PC 158

Technical data

| | | |
|-------------------------------|-------------------|--|
| Liquid cooled diesel engine | | 4-cyl. Perkins - 404D22 - 36,3 kW 50 HP (stage IIIA) o Yanmar 4TNV88 - 4 cyl. - 36,4 kW - 49,5 HP (Stage IIIA) |
| | | Yanmar 4TNV88C - DY12D - 4 cilindri - 35,5 kW - 48,3 HP (EU Stage V) |
| Electric motor (upon request) | | 22 kW - 400 V 50 Hz |
| Infinitely adjustable output* | m ³ /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.

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
- Steel bend Ø 100 at 90° and related accessory kit
- Concrete grill with electric vibrator

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.