

## Concrete spraying machine - CB 130

### Fields of application

The concrete spraying machine type CB 130 has a universal character. It can be used in both building and underground construction. It has a significant use on civil engineering works, during special foundations, securing slopes, reinforcing the walls of pits, collectors, galleries, etc.

The machine can be used for the following applications:

- wet spraying of concrete (shotcreting)
- pumping of ready-mixed concrete
- pumping mortars
- pumping of aerated concrete and anhydrite screeds
- pumping of cement and bentonite suspensions

### Description

The operating part of the pump consists of two opposing working plungers driven by straight hydraulic motors and a shifting mechanism, so-called S-pipe. The hopper (tank) is equipped with a grate with 30 mm slots, stirrer and a vibrator.

The outlet from the hopper is 80 mm in diameter. The high-pressure hydraulic circuit consists of a main pump, hydraulic accumulator, hydraulic motors, oil tank and oil cooler.

The pump is driven by an electric motor or a diesel engine. The pump frame can be constructed as fixed, wheeled or railed. The machine is equipped with a pump for dosing additives (with integrated flow meter) for the purpose of spraying concrete in so-called wet method.

For easier maintenance, CB 130 can be equipped with a water rinse pump as well.



Parameter	CB 130
Output [m <sup>3</sup> /h]	3 - 10
Maximum operating pressure [bar]	80
Type of engine E/D [kW]	15 / 22
Stroke / plunger diameter [mm]	400 / 120
Max. grain size [mm]	8 / 16
Amount of cycles per minute	25
Hopper volume [l]	230
Outlet diameter [mm]	80
Dimensions	
Length [mm]	1900
Width [mm]	980
Height [mm]	1540
Operational weight [kg]	1120