

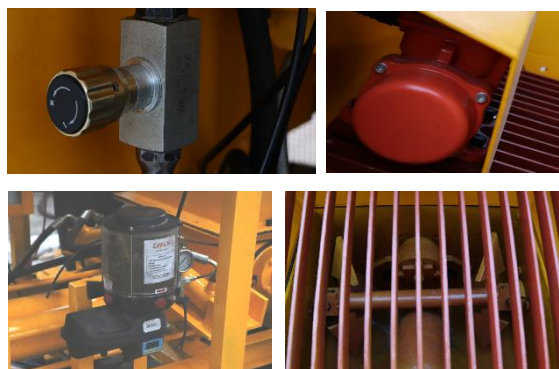
LCP8/80-30D small concrete pump

LCP8/80-30D small concrete pump is a multi-purpose heavy-duty Swing-Valve concrete pump with air cooling diesel engine, hopper mixer, hopper vibrator, automatic lubrication and LS variable output. Concrete convey, Swing valve and hopper mixer are respectively driven by three hydraulic pump, among them, the concrete convey hydraulic pump is LS piston high pressure pump.



Features:

- Variable output(LS)
- Automatic Lubrication
- Vibrator in hopper
- Mixer in receiving hopper



Technical data sheet

Rated Output: 3-8m³/h (LS)

Pump work pressure: 80 Bar

Acceptable Max. Aggregate Size: 20mm

Cylinder diameter: Ø100mm

Cylinder Stroke: 550mm

Pump Valve: S Valve

Max. Horizontal Conveying Distance: 200m

Max. Vertical Conveying Distance: 100m;

Concrete Slump: 7 -15cm

Conveying Pipe Inner Diameter: 100/80/50mm

Diesel:30kw@1800rpm 3-cylinder, air cooling

Dimension (L x W x H): 3000*1600*1900mm

Weight: 1650kg

Applications:

- Concrete wall construction
- masonry block filling,
- concrete wall grouting,
- concrete sidewalk
- Refractory castable&shotcrete
- Concrete shotcrete
- Tunneling construction;
- Mining support (sprayed concrete walls and ceilings)
- Swimming pool (sprayed concrete shells);
- Excavation-protection;



3-cylinder air cooling diesel engine (Deutz Tech.)
24V Electric-start, with low maintain, easy operating

Three hydraulic pumps respectively for concrete convey, swing valve and mixer.



Specially design spraying nozzle, spraying flow is even, continuous and steady;

If for shotcreting, need work with dosing pump and air compressor.



Cemented Carbide Wear Plate/Ring (working life more than 10000 m2)



Polyether material Piston, More wear-resisting