

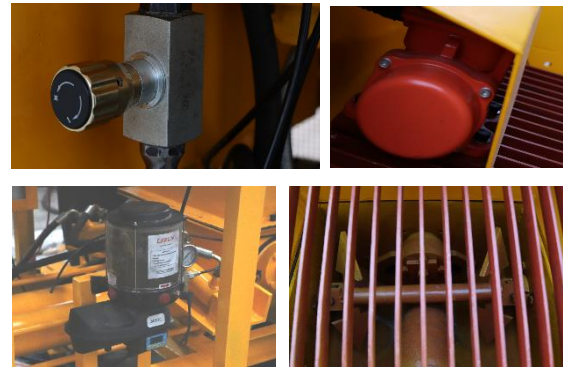
# LCP8/80-30D Concrete Pump

LCP8/80-30D 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.



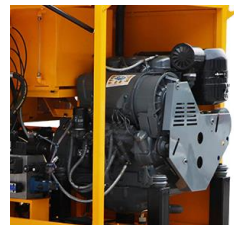
### Features:

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



### 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;

### Technical data sheet

Rated Output: 3-8m <sup>3</sup> /h (LS)
Pump work pressure: 80 Bar
Acceptable Max. Aggregate Size: 20mm
Cylinder diameter: $\phi$ 100mm
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

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



Cemented Carbide Wear Plate/Ring (working life more than 10000 m<sup>2</sup>)



Polyether material Piston, More wear-resisting