

Mayco Concrete Pumps



**The most popular small line
concrete pump available today.**

Construction Starts Here

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Mayco C30HDNI Series Small Line Concrete Pump

Mayco's C30HDNI series has been in production for over 43 years and is still the most popular small line concrete pump available today.

This versatile piston pump will easily handle up to ½ inch minus aggregate and pump up to 25 cubic yards per hour. The C30HDNI series handles a variety of mix designs including harsh, stiff and low slump mixes.

A direct flow manifold with oversized valves assures maximum volume and minimizes the chance of blockages and cavitation.

The C30HDNI series is engineered to require only minimal maintenance and upkeep. All components are manufactured from the highest quality materials and built to exacting specifications to maximize service life.

Service is simplified by a central lubrication system that enables the operator to quickly grease every critical service point. A fully enclosed lube box provides positive lubrication and can be easily cleaned out.

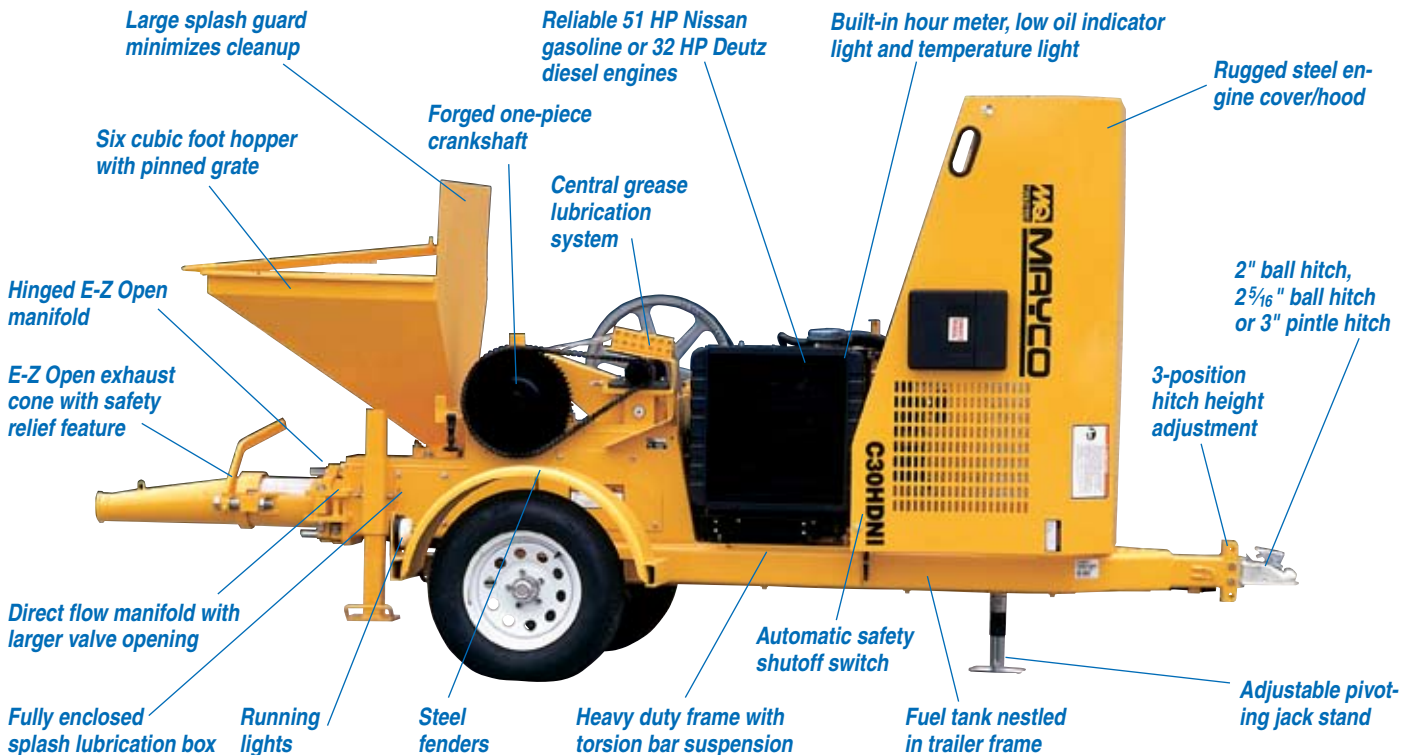
Mayco replacement parts are reasonably priced and readily available. Additionally, our nationwide network of dealers is ready to provide service and technical support no matter where your job is located.



The C30HDNI series is ideal for shotcrete applications of stiff, low slump mixes — swimming pools, ditch linings, soil stabilization, walls and more.



Gas-powered unit: C30HDNI
Diesel-powered unit: C30HDZ



The original small line concrete pump — in continuous production since 1962!

Mayco pumps are designed to increase productivity and maximize profits.

- **Powerful engines** — 51 HP Nissan gasoline or 32 HP Deutz diesel engines. Smoothest running engines in the industry.
- **Heavy-duty centrifugal clutch** — for longer life.
- **Central lubrication system** — enclosed lubrication box provides clean, positive piston lubrication.
- **Remote controls** — hardwired 125 ft. cable or an optional wireless remote control.
- **All steel engine cover (hood)** — rugged design resists abuse.
- **Three-speed volume control** — enables the operator to control the flow.
- **E-Z Open™ Manifold** — hinged for quick access to seats, cylinders, and piston cups. Easy open reducer.
- **Longer frame** with fuel cell inside frame.
- **Full featured highway light package.**
- **3Standard with each C30HD: 3" x 90° Elbow** — with heavy duty raised ends; **3" x 2" Reducer** — with heavy duty raised ends; **Two 3" adjustable snap couplings**
- **Control box** features engine hour meter, temperature warning light, battery warning light.



The masonry contractor's favorite for over 43 years. Don't leave for a load-bearing, block fill job without it.



Pumping services prefer the C30HDNI series — profit-producing pump

- Masonry grouting
- Shotcrete (wet gunning)
- Swimming pools
- Slope stabilization
- Channel lining — flood control
- Vault and crypt construction
- Lining — irrigation ditches & reservoirs
- Foundation work
- Slabs and basements
- Swimming pool decks and patios
- Cellular foam concrete
- Concrete pilings
- Column work
- Pressure grouting and mud jacking



Central lubrication system for quick and easy maintenance.



Innovative E-Z open hinged manifold and reducer; no special tools required for service or maintenance.



3" x 2" reducer is standard; swings up and away for easy travel and cleaning

Specifications — C30HDNI Series Small Line Concrete Pump

Performance

Pumping Rate

25 cu. yds. (19 m³) per hour*

Maximum Aggregate Size

½" minus (12 mm)

Vertical Pumping Height

150 ft. (46 m)*

Horizontal Pumping Distance

400 to 500 ft. (152 m)*

Concrete Piston Face Pressure

500 psi

Engineering

Engines

C30HDNI: 51 HP Nissan A15 Gasoline Fuel Injection

C30HDZ: 32 HP Deutz F2L2011 Diesel Powered

Pump

Reciprocating piston

Remote Cable

Standard

Hopper Capacity

6 cu. ft. (.17 m³)

Material Hose

2", 2½" (5 cm, 6.4 cm)

Dimensions

L x W x H

144 x 59 x 64.5 in. (366 x 149 x 164 cm)

Weight

2,831 lbs. (1284 kg)

Tire Size

7.35 - 14

Optional Equipment

Air or electric vibrator mounted to hopper screen

Diesel engine

Wireless remote with on/off/E-Stop/RPM Throttle
(Hardwire 125 ft. cable standard)

Wetgun nozzle

Reducers

Steel pipe

Couplings

Concrete/grout hose

3" Pintle ring or 2½" ball hitch

We carry a complete line of hose, pipe, elbows, couplings, reducers and shotcrete accessories.

** These figures will vary due to concrete mix design, line size, and job site conditions.*

All features and specifications are subject to change without notice.



Shotcreting (wet gunning) with a stiff, low-slump shotcrete mix is all in a day's work for the Mayco C30HDNI.

Mayco LS40 concrete pump

Big pump performance... reasonably priced!



- **Variable volume output** from 0 to 40 cubic yards per hour (0 to 35 m³/hr)
- **Designed to handle the larger ¾", 1" and up to 1½" aggregate (38 mm)**
- **Concrete piston face pressure of 925 psi (64 bar)**
- **Extremely versatile** — use for refractory, shotcrete, masonry block fill, slabs, footings, lightweight mixes
- **True reverse shuttle tube pumping** — for smoother operation
- **Full flow, cast steel shuttle-tube** for longer life
- **Hard faced wear components** for longer life and lower maintenance costs



The Mayco LS40 — with its longer, slower stroke, and increased horsepower — will handle the toughest, low-slump shotcrete mixes.



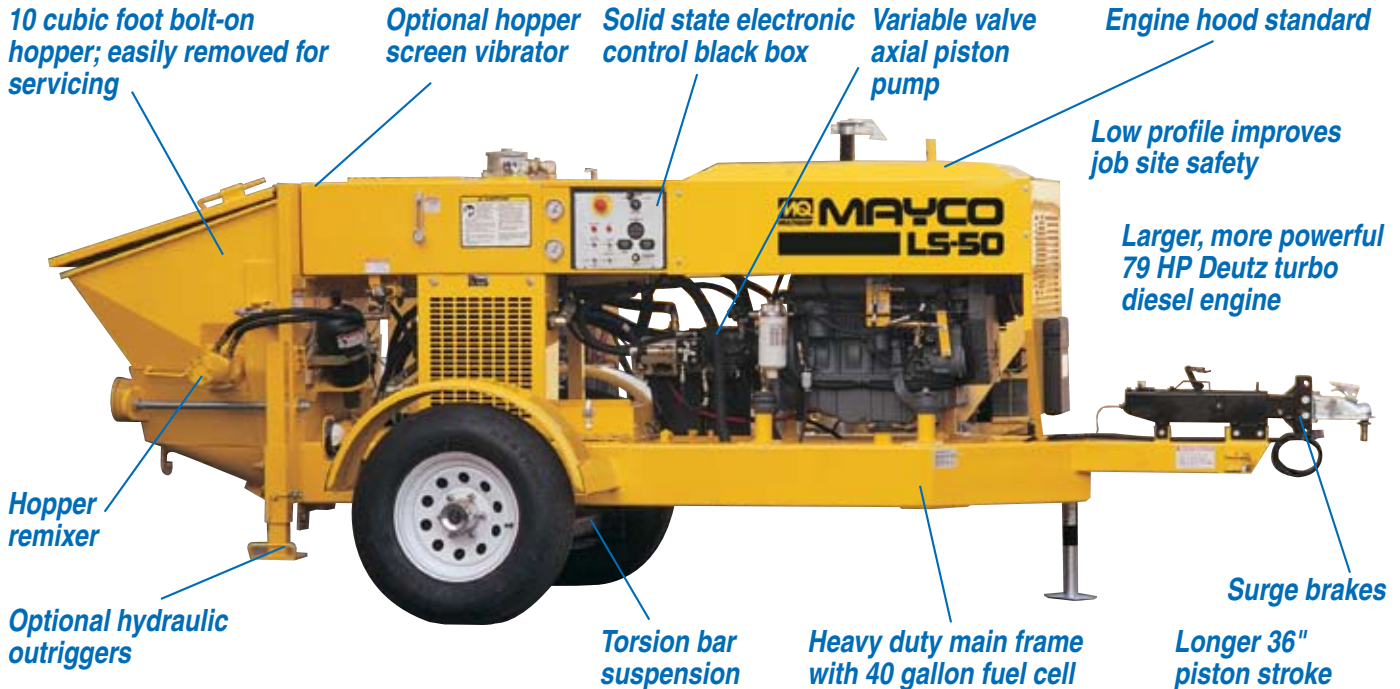
Too much rock? Poor quality pumping sand? The Mayco LS40 can efficiently place tough concrete pump mixes.



High volume shotcreting (wet gunning) with the adaptable LS40 is all in a day's work for this versatile concrete pump.

Mayco LS50 Mid-range concrete pump

The economical way to place 1½" aggregate concrete pump mixes.



- Volume output from 0 to 50 cubic yards (41 m³) per hour
- Shotcreting (wetgunning)
- Slabs
- Decks
- Footings
- Chemical/organic slurries
- Compaction grouting



The LS50, with its powerful ability to handle the toughest shotcrete mixes, enables a swimming pool contractor to apply shotcrete to two pools a day.

Features

- Remixer/agitator hopper — standard
- Engine cover (hood) standard
- Versatility — handles low cement/sand mixes up to 1½" aggregate
- Easily removed hopper for quick maintenance
- Infinite volume control from 0 to 50 cubic yards per hour
- Extra heavy duty main frame
- Reverse pumping for instant response and smoother operation
- Hydraulic surge brakes
- Exclusive full-flow shuttle-tube concrete valve — more efficient operation
- One-man operation — simple controls

Options

- Wireless remote control
- Air or electric vibrators for hopper screen

Mayco LS60 concrete pump



The contractor's choice.

- Volume output from 0 to 60 cubic yards (54 m³) per hour
- Shotcreting (wetgunning)
- Slabs
- Decks
- Footings
- Chemical/organic slurries
- Compaction grouting



Shotcreting (wet gunning) with a stiff, low slump mix, is just one of the many uses for the LS60 concrete pump.

Features

- Hydraulic pressure — 950 psi (66 bar)
- Engine cover (hood) standard
- Versatility — handles low cement/sand mixes up to 1½" aggregate
- Remixer/agitator hopper — standard
- Easily removed hopper for quick maintenance
- Infinitely variable volume control from 0 to 60 cubic yards per hour
- Heavy duty Deutz 110 HP diesel engine
- True reverse pumping for instant response and smoother operation
- Solid state electronic control black box
- Exclusive full-flow shuttle-tube concrete valve — more efficient operation
- One-man operation — simple controls

Options

- Wireless remote control
- Air or electric vibrators for hopper screen



Low slump? Tough, rocky mixes? Hard to reach areas? The versatile LS series hydraulic concrete pumps handle it all!



Long distances? Big slab? Low slump footings? Take a look at the new LS series concrete pumps.

Mayco Concrete Pumps

| | LS40TD | LS50TD | LS60TD |
|---|--|--|--|
| PERFORMANCE | | | |
| Volume Output — yds ³ /hr. (m ³ /hr)* | 0 to 40 (0 to 30)* | 0 to 50 (0 to 38)* | 0 to 60 (0 to 46)* |
| Maximum aggregate size — in. (mm)* | 1½ (38) | 1½ (38) | 1½ (38) |
| Vertical pumping distance — ft. (m)* | 250 (76)* | 250 (76)* | 250 (76)* |
| Horizontal pumping distance — ft. (m)* | 1,000 (305)* | 1,000 (305)* | 1,000 (305)* |
| Maximum concrete pressure — PSI (bar)* | 925 (64) | 925 (64) | 925 (64) |
| ENGINE | | | |
| Engine, HP (kW) | Deutz turbo diesel BF4L2011F — 79 (59) | Deutz turbo diesel BF4L2011F — 79 (59) | Deutz turbo diesel BF4L914 — 110 (82) |
| Concrete cylinders — in. (mm) | 6 x 36 (152 x 915) | 6 x 36 (152 x 914) | 6 x 36 (152 x 914) |
| Hydraulic cylinders — in. (mm) | 3 x 36 (76 x 915) | 3 x 36 (76 x 914) | 3 x 36 (76 x 914) |
| Engine cover (hood) | Standard | Standard | Standard |
| Hydraulic oil capacity — gal. (liter) | 58 (219) | 58 (219) | 58 (219) |
| Hydraulic oil cooler | Standard, with fan | Standard, with fan | Standard, with fan |
| Pump outlet — in. (mm) | 5 (127) HD | 5 (127) HD | 5 (127) HD |
| Hopper remixer | Standard | Standard | Standard |
| Hopper height — in. (mm) | 42 (1067) | 42 (1067) | 42 (1067) |
| Hopper capacity — cu. ft. (liter) | 10 (283) | 10 (283) | 10 (283) |
| Fuel tank capacity — gal. (liters) | 40 (151) | 40 (151) | 40 (151) |
| Brakes | Hydraulic surge type | Hydraulic surge type | Hydraulic surge type |
| DIMENSIONS | | | |
| L x W x H — in. (cm) | 172 x 67 x 54 (437 x 170 x 137) | 172 x 67 x 55 (437 x 170 x 140) | 172 x 67 x 55 (437 x 170 x 140) |
| Weight without fuel — lb. (kg) | 4,760 (2159) | 4,760 (2159) | 5,190 (2354) |
| OPTIONS | | | |
| | Radio remote control Hopper screen vibrator | Radio remote control Hopper screen vibrator | Radio remote control Hopper screen vibrator |

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Exclusive Mayco Wireless Radio Remote

- Rugged design
- Weatherproof
- On/off/true reverse remote functions
- Emergency stop button
- Frequency hopping for maximum reliability — 900 MHz band

*Pumping distances shown are to be used as a guideline only. Maximum attainable distances, maximum aggregate size, and minimum slump are all dependent on the concrete mix design and pipeline diameter. Maximum output and distances cannot be achieved simultaneously.



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