

Mayco Concrete Pumps



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

Construction Starts Here



Mayco C-30HD Series Small Line Concrete Pump

Mayco's C-30HD series has been in production for over 40 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 C-30HD 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 C-30HD 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.

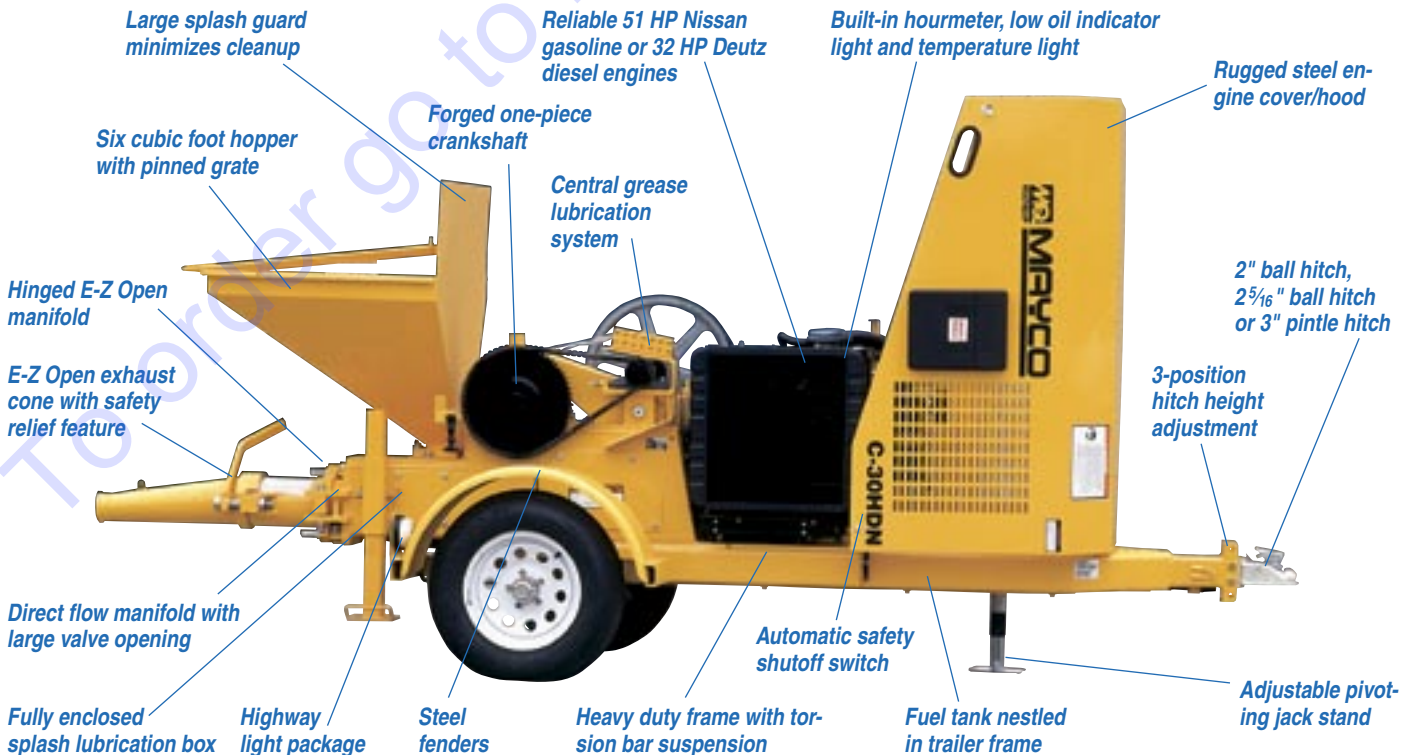
Service is simplified by a central lubrication system that enables the operator to quickly grease every critical service point. A fully enclosed lube box provides positive lubrication and can be easily cleaned out.

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 C-30HD 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!

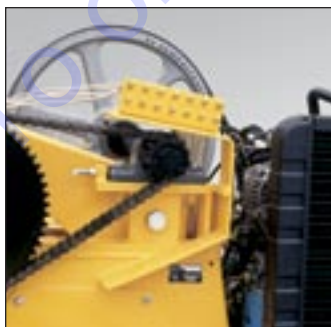
Mayco pumps are designed to increase productivity and maximize profits.

- **Powerful engines** — 51 HP Nissan gasoline or 32 HP Deutz diesel engines.
- **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.**
- **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 hourmeter, temperature warning light, battery warning light.



Pumping services prefer the C-30HD 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 — C-30HD 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

Excess of 150 ft. (46 m)*

Horizontal Pumping Distance

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 vibrator mounted to hopper screen

Diesel engine

Wireless remote control

Wetgun nozzle

Reducers

Steel pipe

Couplings

Concrete/grout hose

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 C30HDN.

Mayco LS-40 Mid-range structural 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 LS-40 — with its longer, slower stroke, and increased horsepower — will handle the toughest, low-slump shotcrete mixes.



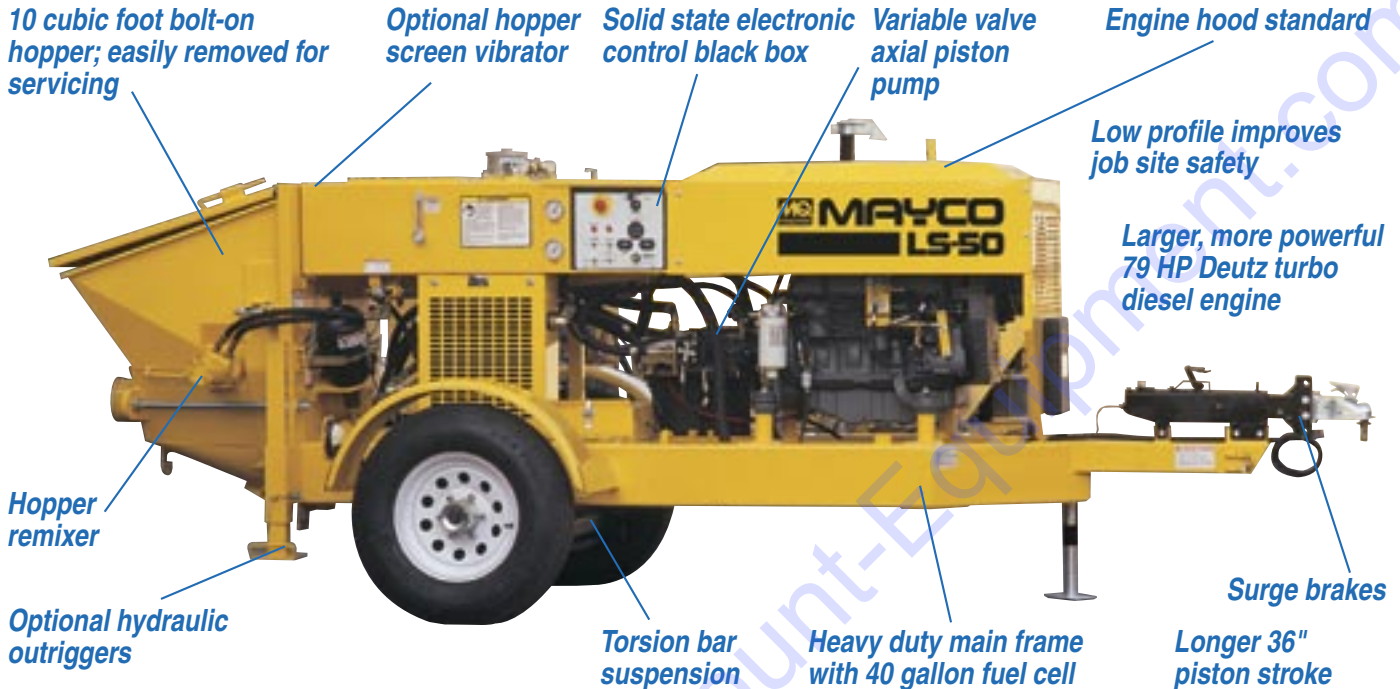
Too much rock? Poor quality pumping sand? The Mayco LS-40 can efficiently place tough concrete pump mixes.



High volume shotcreting (wet gunning) with the adaptable LS-40 is all in a day's work for this versatile concrete pump.

Mayco LS-50 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 LS-50, 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 LS-60 Mid-range 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 LS-60 concrete pump.



Low slump? Tough, rocky mixes? Hard to reach areas? The versatile LS-60 handles it all!

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
- 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



Drilling applications — Pumping up 80 feet and down 150 feet is easy for the Mayco LS-60.

Mayco Concrete Pumps

	LS-40TD	LS-50TD	LS-60TD
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)	1,200 (336)
Maximum concrete pressure — PSI (bar)*	925 (64)	925 (64)	950 (66)
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



Optional Wireless Radio Remote

- Rugged design
- Weatherproof
- Operating range up to 500 feet
- Emergency stop button
- Frequency hopping for maximum reliability — 900 MHz band



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