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MQ MAYCO

The most popular small
line concrete pump
available today.



The C30HD series is ideal for shotcrete applications of stiff, low slump mixes — swimming pools, ditch linings, soil stabilization, walls and more.

Mayco's C30HD series has been in production for over 50 years and is still the most popular small line concrete pump available today.

This versatile piston pump will easily handle up to 1/2 inch minus aggregate and pump up to 25 cubic yards per hour. The C30HD 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.

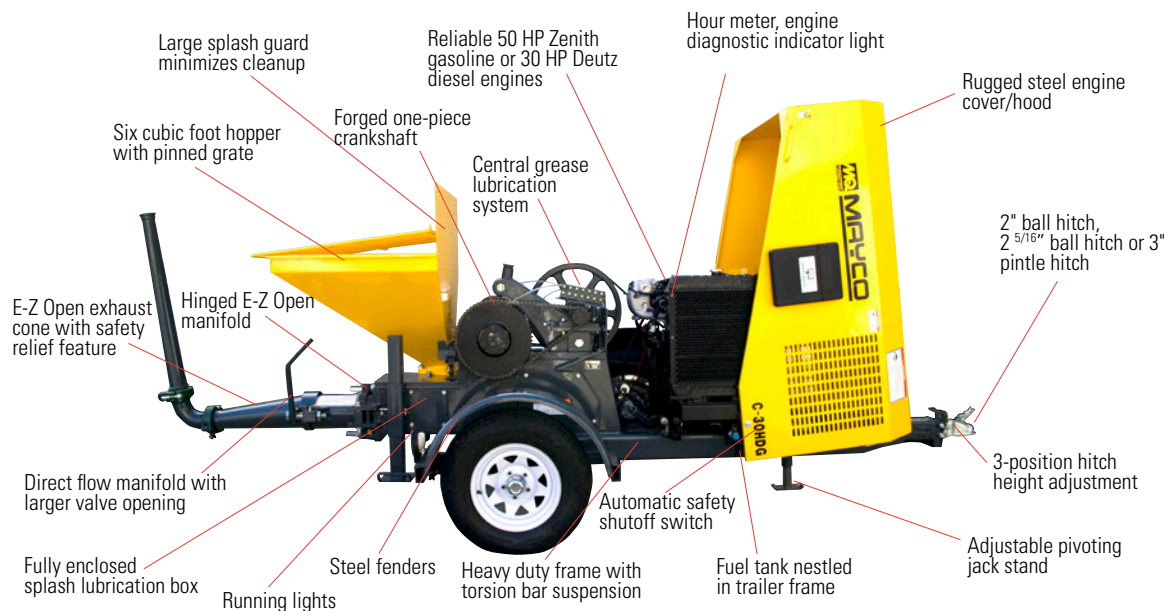
The C30HD series is engineered to require only minimal maintenance and upkeep. All components are manufactured from the highest quality materials and built to exacting specifications to maximize service life.

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.



- Gas-powered unit: **C30HDG**
- Diesel-powered unit: **C30HDZ**



Mayco pumps are designed to increase productivity and maximize profits.

- **Powerful engines** — 50 HP Zenith gasoline or 30 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** — 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.**
- **Standard 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 original small line concrete pump — in continuous production since 1962!



The masonry contractor's favorite for nearly 50 years. Don't leave for a load-bearing, block fill job without it.

Pumping services prefer the C30HD 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



E-Z open hinged manifold requires no special tools required for service or maintenance. Swings away for easy travel and cleaning



Central lubrication system for quick and easy maintenance.



Mayco C30HD Series Small Line Concrete Pump

Specifications

Performance	
Pumping Rate	25 cu. yds. (19 m ³) 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
Engines	
C30HDG:	50 HP Zenith Z416 Gasoline Fuel Injection
C30HDZ:	32 HP Deutz D2011L02 Diesel Powered
Pump	Reciprocating piston
Remote Cable	Standard
Hopper Capacity	6 cu. ft. (.17 m ³)
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	2,910 lbs. (1320 kg)
Tire Size	7.35 - 14

Complete your pump package with hose, pipe, elbows, couplings, reducers and shotcrete accessories.

Optional Equipment

- Air or electric vibrator mounted to hopper screen
- Wireless remote with On/Off/E-Stop
- Wetgun nozzle
- Reducers
- Steel pipe
- Pipe bends
- Couplings
- Concrete/grout hose
- 3" Pintle ring or 2" ball hitch

*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.

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 C30HD.



Mayco LS300 Concrete Pump



- Variable volume output from 0 to 30 cubic yards per hour (0 to 23 m³/hr)
- Designed to handle the larger 4", 1" and up to 1 1/2" aggregate (38 mm)
- Concrete piston face pressure of 800 psi (55 bar)
- Extremely versatile — use for 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
- Solid state Digital Control Panel

Innovative Digital Diagnostic Control Panel!

Mayco's innovative Digital Control Panel (DCP) gives you instant information on all facets of the pump's operation. A digital readout gives clear status messages in English or Spanish, allowing the operator to quickly diagnose pumping problems.

The Digital Control Panel displays:

- Automatic volume control
- Battery voltage
- Emergency stop status
- Engine fuel and shutdown circuit
- Engine RPM
- Engine and pump hourmeter
- Fan belt breakage (shuts down operation)
- Flow control volume control circuit
- High engine temperature (shuts down operation) — LS300 only
- Low engine oil pressure (shuts down operation)
- Proximity switch circuit
- Stroke counter and yards per hour delivered
- Wireless circuit



The Digital Control Panel also senses the pump's electrical status, instantly pinpointing any electrical component:

- Accumulator dump valve
- Main A/Main B circuit
- Shutdown circuit
- Swing circuit

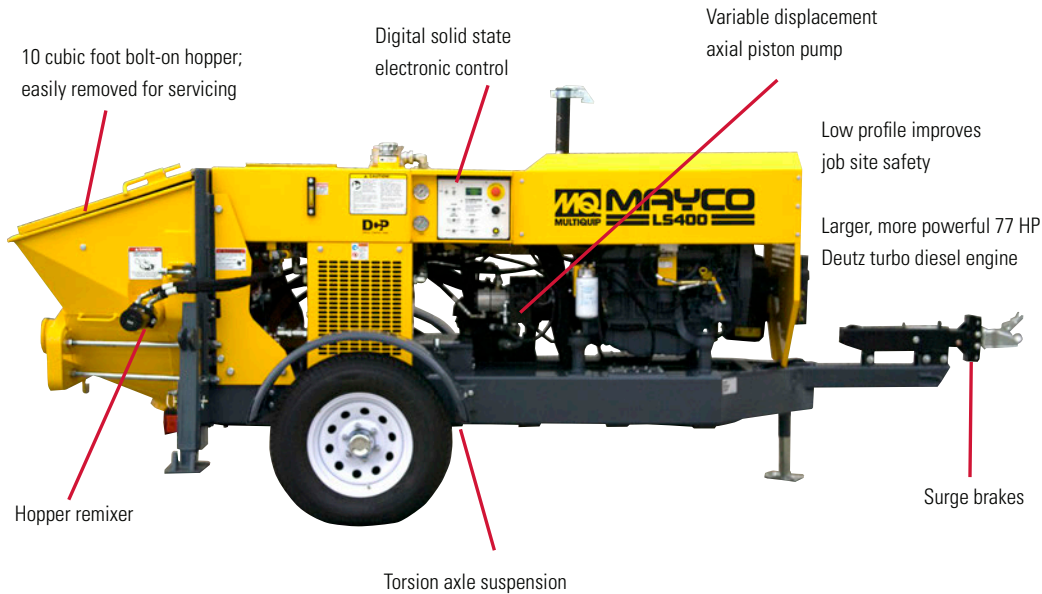
The Digital Control Panel meets all ANSI/ASAE EP455 standards:

- Overvoltage protection
- Reverse polarity protection
- Shock resistant
- Thermal protection up to 185°F
- Short circuit protection

U.S. Patent 8,403,649 B2



Mayco LS400 and LS500 Mid-range Concrete Pumps



- Volume output from 0 to 50 cubic yards (41 m³) per hour (LS500 model)
- Shotcreting (wetgunning)
- Slabs
- Decks
- Footings
- Chemical/organic slurries
- Compaction grouting

Features

- **Remixer/agitator hopper** — standard
- **Engine cover (hood)** standard
- **Versatility** — handles low cement/sand mixes up to 1 1/2" aggregate
- **Easily removed hopper** for quick maintenance
- **Infinite volume control**
- **Extra-heavy duty main frame**
- **Solid state Digital Control Panel**
- **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
- **Hydraulic rear outriggers**



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



The LS500, with its powerful ability to handle the toughest shotcrete mixes, enables a swimming pool contractor to apply shotcrete to two pools a day.



Mayco LS600 Concrete Pump



Features

- **Concrete piston face pressure** — 1100 psi (69 bar)
- **Engine cover (hood)** standard
- **Versatility** — handles low cement/sand mixes up to 1 1/2" 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 Perkins 108 HP diesel engine**
- **True reverse pumping** for instant response and smoother operation
- **Solid State Digital Control Panel**
- **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
- **Hydraulic rear outriggers**

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 LS600 concrete pump.



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



Specifications

	LS300P	LS400	LS500	LS600P
PERFORMANCE				
Volume Output — yds. ³ /hr. (m ³ /hr)‡	0 to 30 (0 to 23)	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)	1½" (38)
Vertical pumping distance — ft. (m)‡	200 (61)	300 (91)	300 (91)	300 (91)
Horizontal pumping distance — ft. (m)‡	800 (243)	1,000 (305)	1,000 (305)	1,000 (305)
Maximum concrete pressure — PSI (bar)‡	800 (55)	1,100 (76)	1,100 (76)	1,100 (76)
ENGINE				
Engine, HP (kW)	Perkins turbo diesel 404F-22TA 64.3 (47.9)	Deutz turbo diesel TD2011L04 — 77 (57.4)	Deutz turbo diesel TD2011L04 — 77 (57.4)	Perkins turbo diesel 1104D-22TA — 108HP (80.5)
Concrete cylinders — in. (mm)	6x24 (152x610)	6x36 (152x915)	6x36 (152x915)	6x36 (152x915)
Hydraulic cylinders — in. (mm)	3x24 (76x610)	3x36 (76x915)	3x36 (76x915)	3x36 (76x915)
Engine cover (hood)	Standard	Standard	Standard	Standard
Hydraulic oil capacity — gal. (liter)	33 (125)	58 (219)	58 (219)	58 (219)
Hydraulic oil cooler	Standard, with fan	Standard, with fan	Standard, with fan	Standard, with fan
Pump outlet — in. (mm)	5 (127) HD	5 (127) HD	5 (127) HD	5 (127) HD
Hopper remixer	N/A	Standard	Standard	Standard
Hopper height — in. (mm)	43 (1092)	42 (1067)	42 (1067)	42 (1067)
Hopper capacity — cu.ft. (liter)	10 (283)	10 (283)	10 (283)	10 (283)
Fuel tank capacity — gal. (liter)	16 (61)	40 (151)	40 (151)	40 (151)
Brakes	Hydraulic surge	Hydraulic surge	Hydraulic surge	Hydraulic surge
DIMENSIONS				
LxWxH — in. (cm)	155 x 65 x 83 (394 x 165 x 211)	167 x 68 x 70 (424 x 173 x 178)	167 x 68 x 70 (424 x 173 x 178)	169 x 68 x 84 (429 x 173 x 213)
Weight without fuel — lb. (kg)	3,750 (1701)	4,800 (2,223)	4,800 (2,223)	6,200 (2,812)
OPTIONS				
	<ul style="list-style-type: none"> • Remote radio control • Hopper screen vibrator • Hydraulic rear outriggers (Hydraulic outriggers not available on LS300P) 			



Exclusive Mayco Wireless Radio Remote

- Rugged design
- Weatherproof
- On/off/true reverse/volume control remote functions
- Emergency stop button
- Frequency hopping for maximum reliability

See the Mayco Accessory Guide on our website for a complete listing of available options and pumping systems.

‡ 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, pipeline diameter, and other jobsite conditions. Maximum output and distances cannot be achieved simultaneously.

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