Custom carrier mounted concrete pump
KVM 52
Imagine the possibilities

Reach higher and farther with the Schwing single chassis 52-meter truck mounted concrete pump. Imagine the possibilities of 170 feet of vertical boom reach combined with nearly 200 cubic yards per hour of output. North American contractors have realized that this combination of boom reach and pumping capacity adds up to healthy profits. And Schwing puts this awesome display of concrete pumping in a practical package that travels over the road easily, sets up quickly (less than 10 minutes) and performs with legendary reliability.

The 52 meter is the ideal profit maker on high volume, long reach pours.

Single set-up is possible to cover a broad area with the 170 feet of boom reach.

Road going versatility

Let us help you choose a truck best suited to your application. Units are available with various chassis/axle configurations including twin front steering axles with three tandem axles in the rear; or an optional booster axle to aid permitting. Jobsite mobility is assisted by optional powered steering axles.

Optional booster axles
Booster axles mount on rear outriggers. Units fold up and do not add additional width to outrigger spread.

The exclusive capabilities of the 52-meter are backed by a support system that assures maximum utilization of the pump through sound parts, service and technical training. A field service staff stands ready to solve customer problems supported by a multi-million dollar parts inventory. Concreting with Confidence means consistent reliability during ownership and the highest resale of any concrete pump on the market—that's the Schwing promise realized by successful contractors who have been partners in pumping with Schwing America for more than twenty years.

This innovative 20,000 pound booster axle system allows permitting where weight restrictions may have prohibited long booms in the past. The boosters are mounted on the rear outriggers and swing out of the way during pumping to allow access to the pump's hopper. Booster axle folding takes only seconds.

On road the axles are lowered and hydraulically pressurized to bridge the pump's weight over additional length. A self-steering feature allows the boosters to track accurately. All functions are controlled and monitored from the truck cab for operator convenience and safety.
Features for Your Operator and Your Profits

Wireless remote box is a standard feature that provides smooth boom functions and safer operation with digital proportional control.

A modern slewing gear bearing supports the boom and smoothly rotates the four sections through a 360-degree range. This low-friction bearing is constructed of high-strength steel tested for hardness to guarantee a long, trouble-free life.

Manual boom controls are conveniently located for operation when the remote box is not in use.

Outrigger controls are located on both sides of the chassis to enhance operator visibility during set-up.

Storage compartments provide easy access to supplies and tools that otherwise clutter the deck or truck cab.

Large capacity water tank in outrigger provides 208 gallons (80 liters) for clean-up with the 55 gal./min., 200 psi pump and hose.

Fully hydraulic outriggers swing out, telescope out (front only) and power down to provide a stable platform during pumping.

Electrical panel provides control of remote on/off; pump forward/reverse; hopper vibrator, water pump and working lights. In addition, a tachometer and hydraulic oil temperature gauge are available to monitor pumping operation.

Auto-greaser lubricates all major points on pump and boom to speed maintenance.

More features:
- Double-wall pipe and elbows. Elbows all common for easy stocking.
- Hydraulic oil cooler.
- Pipeline brackets are welded on both sides of boom for secure attachment.
- Hydraulic lines mount on side of boom for protection.
- Wide deck area for operator mobility.
- Gradual taper from 7" outlet to 5" boom pipe assures smooth flow.
- Easy water box accessibility.

Two variable displacement hydraulic pumps power the pump, and two separate pumps serve the boom hydraulics. A separate fixed displacement pump hydraulically powers the agitator, water pump and optional air compressor.
The concrete pump design proven by thousands of contractors

The twin-cylinder reciprocating pump pulls concrete from the hopper on the return stroke and pushes it into the pipeline on the forward stroke. The twin pistons alternate with long, slow stroking action to maintain a near constant pressure on the concrete. Dual output features easy change from high volume to high pressure pumping.

The revolutionary Rock Valve pumps everything from the hardest mixes to grout. Its unique design equalizes all forces in the valve, pumping concrete against the concrete, greatly reducing valve wear while providing extraordinary sealing efficiency to prevent bleeding of fines. Valve cutting ring can be easily rotated 90 degrees for extended life.

Hydraulic control block is the proven Schwing design providing millions of hours of service. This simple foolproof unit switches hydraulic flow without troublesome electronic devices.

Completely sealed waterbox for flushing cylinders features easy access for inspecting and changing pumping rams.

Three piece cutting ring design cuts cost for Rock Valve wear parts replacement. High quality tool steel assures long wear life. Carbide wear parts are also available to extend maintenance intervals.

Four section boom versatility

Maximum Outrigger Soil Pressures:
Front: 220 psi
Rear: 220 psi
*May vary slightly depending on carrier.

Outrigger spread