



WHY
PUMP
CONCRETE?





Take Your Business to New Heights



Why are so many contractors pumping concrete? What benefits do they enjoy that other contractors don't? Concrete pumping makes a significant difference in terms of:

- **Time and Labor Savings**
- **Increased Profits**
- **Improved Scheduling**
- **Reduced Site Preparation**
- **Employee Satisfaction**
- **Enhanced Quality Control**
- **Concrete Placing Versatility**

Pumping concrete helps you reap rewards both now and in the future. Today, you can realize greater profits, fewer headaches and enhanced capabilities. Looking ahead, you can anticipate improved customer satisfaction and more opportunities.



Save Time, Save Money, Increase Profits

A concrete pump places concrete faster and more accurately with less labor than any other method. A job that takes five men two and a half hours to pour would only take three men one hour to pump. Contractors who pump consistently report labor savings of 50 percent compared to truck dumping.

On site, concrete pumping allows you to re-allocate valuable personnel to other duties to expedite the pour.

In addition, you can discharge more ready mix trucks in less time using a pump, enabling you to complete more jobs in a day.

This increased revenue can be reinvested in your business for more equipment and labor as needed or enjoyed as profit. Either way, the financial benefits of pumping concrete are significant.





Pumping Keeps Jobs Moving

Scheduling is one of the most critical aspects of a concrete pour. There is no room for down time on a busy job site. Contractors with the right equipment place concrete efficiently, regardless of weather, time of day or jobsite conditions.

Concrete pumps help mixer dispatchers by providing more predictable unloading times. The steady flow from the pump can also increase finisher productivity because of the lack of interruptions and delays.

Pumps can be scheduled any time of day and can work around the clock, as long as operators and concrete are available. In the event of a problem, back-up systems can keep a

pump running through job completion and wear parts are designed for easy replacement.

Site preparation for a typical pour can sometimes be time consuming, labor intensive and unpredictable, hampering efficient scheduling.

Concrete pumping can very often facilitate completion of an entire job from one location while keeping ready mix trucks safely at the curb. Pumps also reduce excavating time from 10 percent to 15 percent and make backfilling easier. As a result, your company will be more productive, stay on schedule and have more satisfied customers.





Employee Productivity & Safety

ACPA Operator Certification Program

Offering the only nationally recognized safety certification program for concrete pump operators, the ACPA helps operators achieve the highest degree of professionalism and maintain strict safety standards.

Certification is available in all pump categories - Trailer Pumps, Short Booms (three-section), Long Booms (four-section) and Separate Placing Booms.

To help ensure a safer work environment, specify ACPA certified operators on your jobs.

Concrete pumping not only makes a concrete pour more convenient and consistent, it improves on-the-job safety. Ready mix trucks are kept at the curb, away from embankments, excavations and other dangerous obstructions and concrete can be placed exactly where you want it.

In addition, a concrete pump reduces congestion on the job site better than most other methods, improving job efficiency and safety. Fewer risks and a more ergonomic process are benefits to your employees that can help you attract and retain quality workers. This results in a business that runs smoother and more profitably for you.

We can help you train your workers about the important safety issues when working around concrete pumps. The ACPA has a broad library of safety materials which are readily available.





A Sustainable Concrete Job Time After Time

Labor and time savings mean nothing if the quality of concrete placement does not meet expectations. For years, contractors pumping concrete have produced superior quality while reducing costly callbacks. Direct placement of concrete without re-handling also improves concrete quality.

In addition, concrete pumping does not require special mixes for optimum quality. A concrete pump will handle desired slumps and eliminate the need for excess water which can result in concrete cracking.

An uncluttered job site and superior end results are hallmarks of concrete pumps in the hands of experienced ACPA certified operators.

Concrete pumps help in sustainable concrete production by reducing site disturbance since there will be less traffic of heavy concrete trucks throughout the whole site. Concrete pumps can place more concrete in a shorter time than other methods, thus reducing the total carbon footprint in the placement phase. They can also place concrete with less labor, further reducing the carbon footprint by reducing transportation of workers to and from the job site. Concrete pumps can reduce spills and traffic in environmentally sensitive areas since the concrete delivery can be made precisely at the point of use. Precise delivery can be accomplished by the boom pumps or by laying pipe across sensitive areas.





Versatility is a Value-Added Benefit

Pumping concrete provides flexibility for all types of projects and improves the efficiency at which you complete them. Job site to job site, no matter what your concrete placing requirements, a concrete pump opens a world of opportunities.

The tallest buildings built in the past 20 years were pumped, even in excess of 1,000 feet high. Pumps can also achieve capacities in excess of 200 cubic yards per hour. Whether below grade or on an impressive skyscraper, pumping concrete is the versatile and convenient way to place quality concrete fast.

From small trailer-mounted pumps to powerful stationary pumps and the longest truck-mounted boom pumps, concrete pumpers have a wide variety of choices for countless applications including:

- **High-Rise Buildings**
- **Mid-Rise Buildings**
- **Residential Pours**
- **Light Commercial**
- **Industrial**
- **Bridge Decks**
- **Post Tension Slabs**
- **Tunneling**
- **Pools/Shotcreting**
- **Patios**
- **Mat Pours**
- **Footings**
- **Indoor Pours**
- **Slope Paving**





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