

CMP EQUIPMENT & SPECS

JUNE 2021 EDITION







Providing Professional & Courteous Service For Your Concrete Placement Projects

WWW.CMPPUMPING.COM



About CMP

With more than 20 years of experience, CMP pumping has been providing concrete pumping services consistently since 2001. Like most businesses, we, too, hail from humble beginnings. From a small company only serving the Charlotte metro area, our drive for excellence, unparalleled professionalism, and commitment towards understanding our clients' needs have led us to grow and establish branches across North and South Carolina.

Mission Statement

At CMP Pumping, we aim to exceed the quality of work that our clients expect by making the process of pouring concrete as efficient as possible. We realize that customer satisfaction is at the heart of our business, something that fuels our passion for building healthy customer relationships and drives us to stay informed on the latest tools and techniques of the trade.

In addition, we strive to make our workplace environment to be the safest in the industry. In order to achieve this goal, we strictly adhere to local and state safety regulations, never compromising, and are determined to set an example for all in the trade.

Our Experience

Being one of the top players in the trade, at CMP pumping, we don't shy away from new experiences. We also showcase the utmost care while performing routine jobs. In our experience of handling projects of varying sizes, from backyard patios to parking decks and high-rise placing booms, we've gone above and beyond the call of duty. We offer a consistent level of service from day one on the job site till the project comes to fruition. As a result, many of our customers come back to us time and time again, remarking on the exemplary level of professionalism that they don't witness elsewhere.

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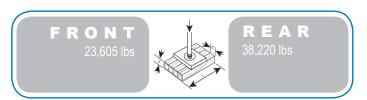
Model Overview

 Vertical reach 	63' 10"
 Horizontal reach 	53' 11"
 Reach from front of truck 	44' 4"
Reach depth	36' 7"
 Unfolding height 	12' 10"

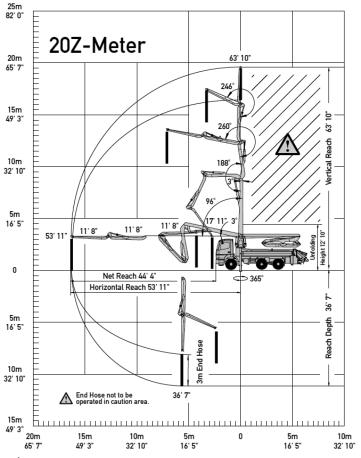
Features

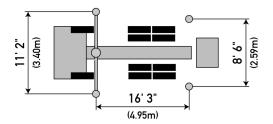
- 4 Section Z-Fold Boom
- · Compact design for easy maneuvering in busy, urban sites
- Sets up in one lane of traffic
- · Low ceiling height
- Great for maneuvering congested job sites

Outrigger Loads • Front and Rear



^{*} If not in market, mobilization fees may be assessed.







$\textbf{28-Meter} \bullet \textbf{Truck-Mounted Concrete Boom Pump}$

Triangle Markets*



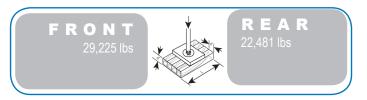
Model Overview

 Folding Type 	4 Section Double Z
 Vertical reach 	90' 11"
 Horizontal reach 	77' 9"
 Unfolding height 	19' 2"

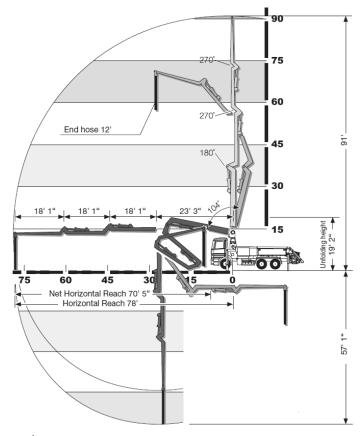
Features

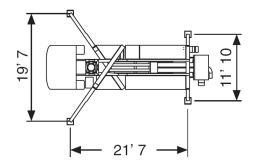
- 4 Section Multi-Z Boom
- Compact size & offers increased flexibilitiy
- Easy set up in tight areas
- Great for maneuvering congested job sites

Outrigger Loads • Front and Rear



^{*} If not in market, mobilization fees may be assessed.







Charlotte Markets*



Model Overview

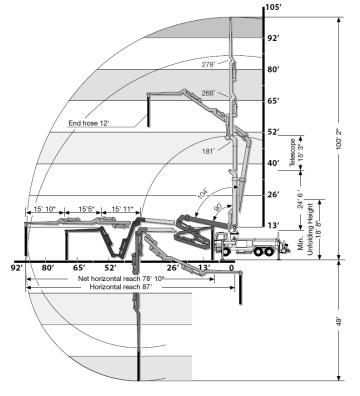
 Vertical reach 	100' 2"
 Horizontal reach 	87'
 Unfolding height 	18' 8"

Features

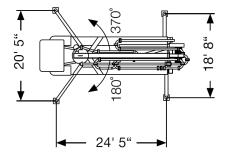
- 5 Section Telescoping Boom
- Outperforms other pumps on high visibility projects
- · Low ceiling height
- Great for maneuvering congested job sites



^{*} If not in market, mobilization fees may be assessed.









All Markets*



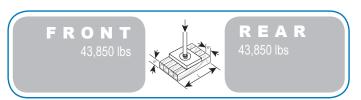
Model Overview

 Vertical reach 	106' 0"
 Horizontal reach 	91' 10"
Reach from front of truck	83' 8"
Reach depth	67' 3"
 Unfolding height 	24' 11"

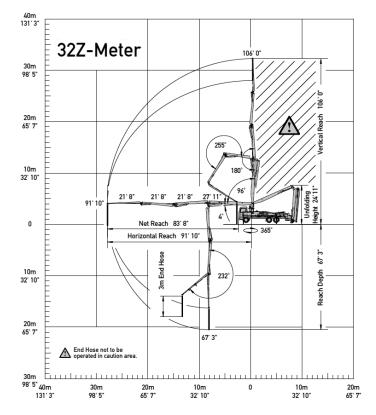
Features

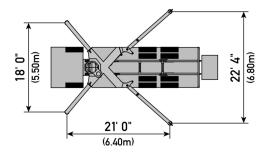
- Three-axel chassis for federal bridge requirements
- Great for maneuvering congested job sites
- · Quick setup

Outrigger Loads • Front and Rear



^{*} If not in market, mobilization fees may be assessed.







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32-Meter (5-section) ZZ Concrete Pump

• Truck-Mounted Concrete Boom Pump

Charlotte Markets*

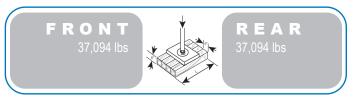


Model Overview

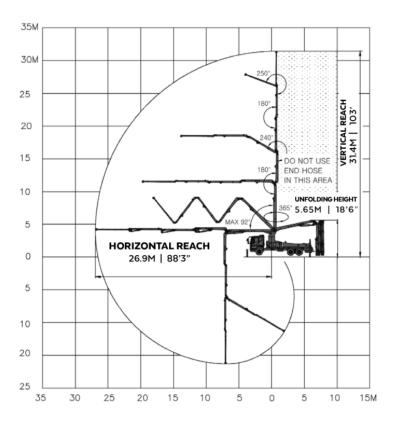
 Vertical reach 	103'
 Horizontal reach 	88' 3"
 Reach from front of truck 	82'
 Unfolding height 	28' 7"

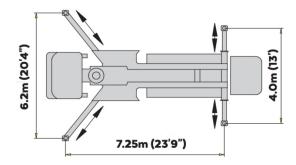
Features • Multi-Z Design

- 5-section Z fold boom
- Low unfolding height
- Great for under bridge decks, power lines or other overhead obstructions



^{*} If not in market, mobilization fees may be assessed.







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36Z-Meter • Truck-Mounted Concrete Boom Pump All Markets*

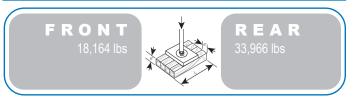


Model Overview

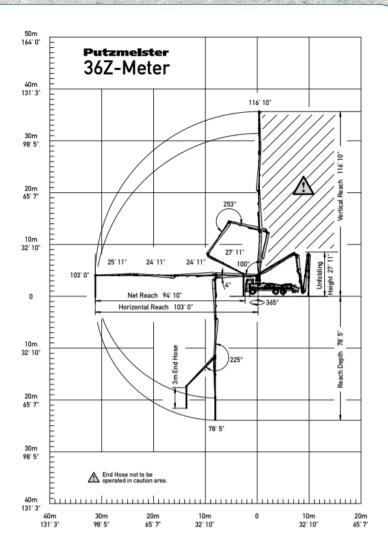
116' 10"	
103'	
94' 10"	
78' 5"	
28' 7"	
	103' 94' 10" 78' 5"

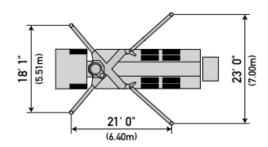
Features • Multi-Z Design

- Detachable Z-fold boom with four-sections
- X-Style Outriggers
- Powerful pumping performance with a small footprint
- Perfect for restrictive job sites



^{*} If not in market, mobilization fees may be assessed.







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38Z-5-Meter • Truck-Mounted Concrete Boom Pump All Markets*



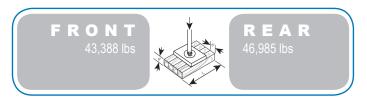
Model Overview

 Vertical reach 	123'
 Horizontal reach 	107' 7"
Reach from front of truck	99' 5"
Reach depth	83' 0"
 Unfolding height 	24' 3"

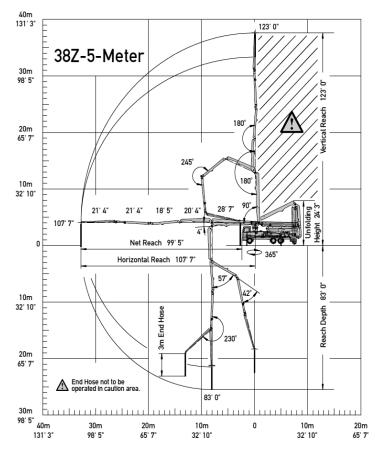
Features

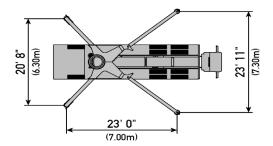
- 5 Section Multi-Z
- · Low ceiling height
- Great for maneuvering congested job sites
- One-sided outrigging system

Outrigger Loads • Front and Rear



^{*} If not in market, mobilization fees may be assessed.







All Markets*



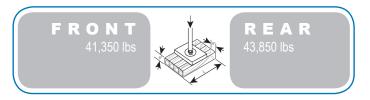
Model Overview

 Vertical reach 	121' 9"
 Horizontal reach 	108' 7"
 Reach from front of truck 	101' 1"
Reach depth	80' 1"
 Unfolding height 	28' 7"

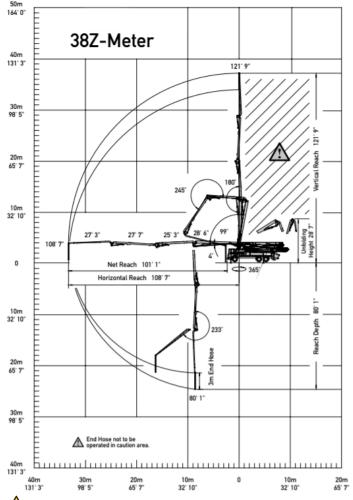
Features

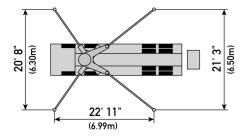
- 4 Section Multi-Z Boom
- Quick setup
- · Great for tight locations

Outrigger Loads • Front and Rear

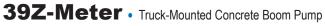


^{*} If not in market, mobilization fees may be assessed.











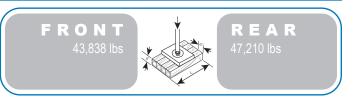
Model Overview

 Vertical reach 	125' 8"
 Horizontal reach 	110' 3"
 Reach from front of truck 	11' 9"
 Reach Depth 	78' 9"
 Unfolding height 	29' 6"

Features • Multi-Z Design

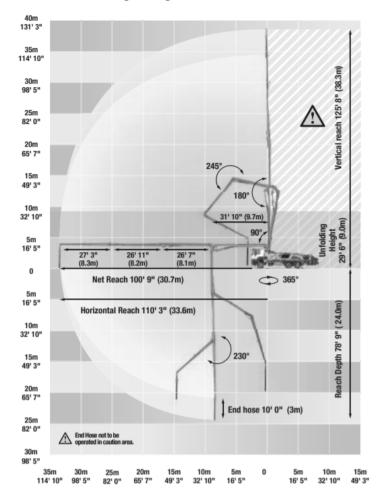
- 4-Section Multi-Z boom design with detach option
- 3-in-1 pumping capabilities; standard, BSA, detachable
- Lightweight and easily meets DOT guidelines

Outrigger Loads • Front and Rear



^{*} If not in market, mobilization fees may be assessed.

39Z-Meter Range Diagram





All Markets*

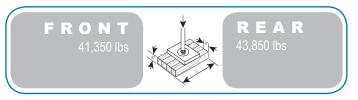


Model Overview

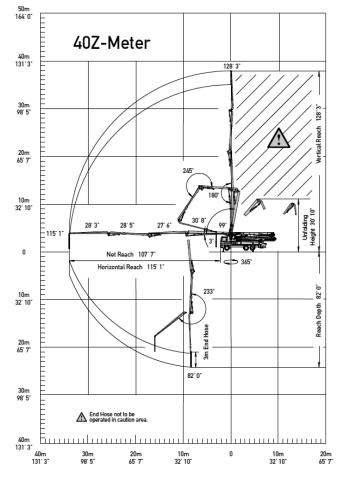
 Vertical reach 	128' 3"
 Horizontal reach 	115' 1"
Reach from front of truck	107' 7"
Reach depth	82' 0"
 Unfolding height 	30' 10"

Features

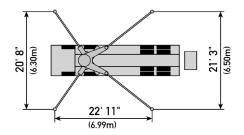
- 4 Section Multi-Z Boom
- · Low ceiling height
- Great for maneuvering congested job sites
- · One-sided outrigging system
- Three axles design



^{*} If not in market, mobilization fees may be assessed.









All Markets*

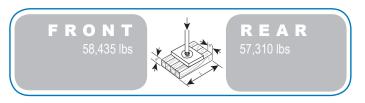


Model Overview

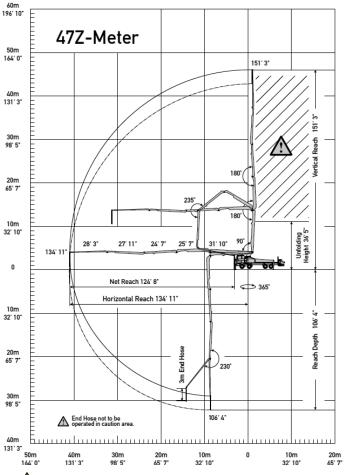
 Vertical reach 	151' 3"
 Horizontal reach 	134' 11"
Reach from front of truck	124' 8"
Reach depth	106' 4"
 Unfolding height 	36' 5"

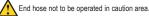
Features

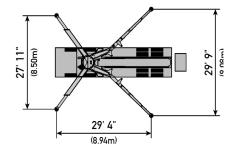
- 5 Section Z-Fold Boom
- 4 axle design that does not require special permits
- One-sided outrigging system



^{*} If not in market, mobilization fees may be assessed.









All Markets*

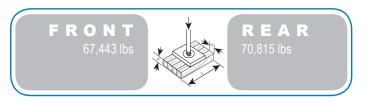


Model Overview

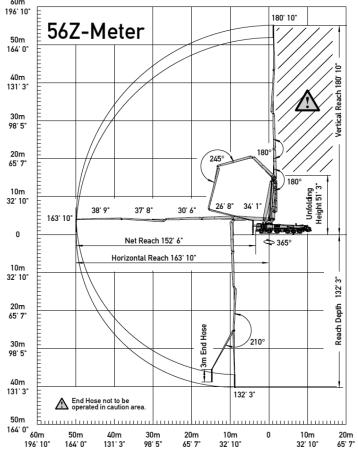
 Vertical reach 	180' 10"
 Horizontal reach 	163' 10"
Reach from front of truck	152' 6"
 Reach depth 	132' 3"
 Unfolding height 	51' 3"

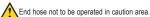
Features

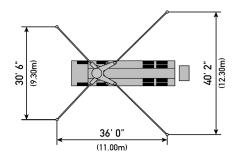
- 5 Section Z-Fold Boom
- · Small footprint with a large vertical reach
- Less than 100,000 pounds
- One-sided outrigging system



^{*} If not in market, mobilization fees may be assessed.









All Markets*

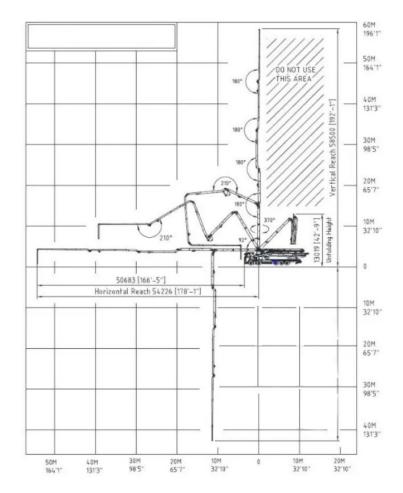


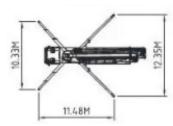
Model Overview

 Vertical reach 	191' 11"
 Horizontal reach 	177' 10"
Reach from front of truck	166'
 Unfolding height 	42' 8"

Features • Multi-Z Design

- 5" Delivery line compared to 4.6"
- RZ-Folding Boom optimal for better for accessing
- Unfolding height 42.8" being shorted than most large boom pumps







^{*} If not in market, mobilization fees may be assessed.

All Markets*

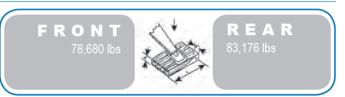


Model Overview

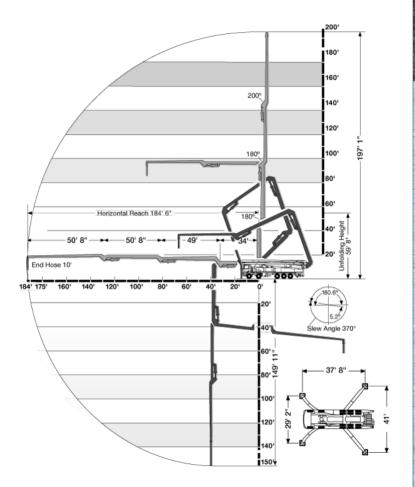
 Vertical reach 	197' 1"
Horizontal reach	184' 6"
 Reach from front of truck 	170' "1
 Unfolding height 	59' 8"

Features • Multi-Z Design

- Generation 3 Pump Kit
- Outperforms other concrete pumps on high visibility projects
- Rock Valve[™]
- No other sequencing valve combines lowest cost per yard maintenance costs and ease of rebuilding as the Rock Valve™
- Easy Flex One-Sided Outrigger System
- Reduce the footprint of selected pumps with one-sided outriggered system that allows full boom extension with safe operation through integration with boom controls



^{*} If not in market, mobilization fees may be assessed.





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63M-Meter • Truck-Mounted Concrete Boom Pump

All Markets*



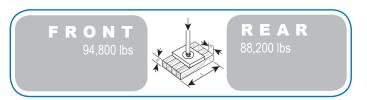
Model Overview

 Vertical reach 	203' 9"
 Horizontal reach 	190' 7"
 Depth Reach 	151' 11"
 Unfolding height 	75' 6"
 Front Outrigger 	Swing Out
Rear Outrigger	Swing Out

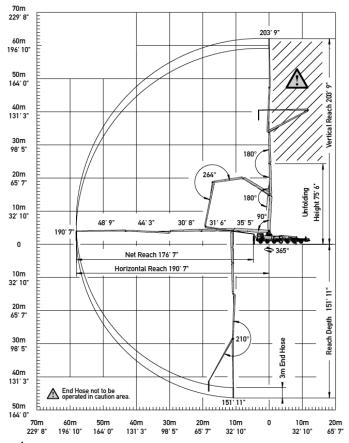
Features

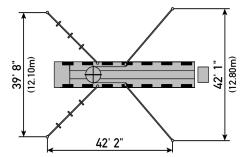
- 5-section RZ Folding Boom
- · Largest concrete pump in the Carolinas
- OSS Safety System to help prohibit improper boom functions during a tight setup

Outrigger Loads • Front and Rear



^{*} If not in market, mobilization fees may be assessed.







Telebelt 110 • Truck-Mounted Telescopic Belt Conveyor

All Markets



Belt Conveyor • Specifications

• Conveyor horizontal reach -

Maximum at 0°	106' 1"
Maximum at 30°	90' 6"
Conveyor belt width	18"
Feed conveyor length	38'
Trunk/end hose length	15'

Discharge height from grade –

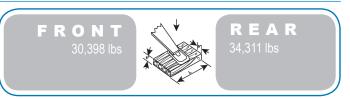
Maximum at 30° 60' 2"

Maximum at -15° -20'

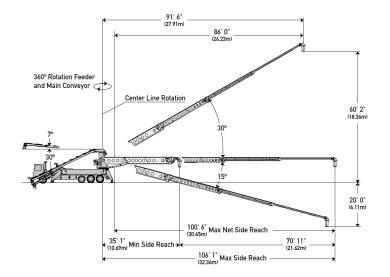
Features

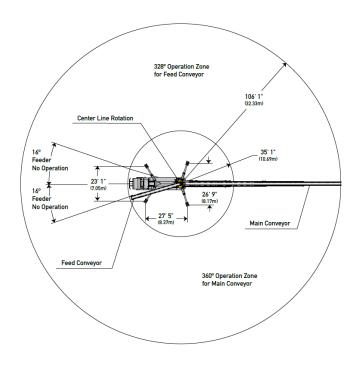
- Designed for easy set up in congested areas
- 4 section telescopic conveyor
- Handles a wide variety of materials dirt, sand, stone, gravel

$\textbf{Outrigger Loads} \bullet \textbf{Front and Rear}$



^{*} If not in market, mobilization fees may be assessed.







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14000 Stationary Concrete Pump

All Markets*



Performance

Output

up to 116 yd3/hr

• Delivery Pressure

up to 3190 psi

Weight

13,890 lbs

Features

- Great for high pressure
- Works with tough mixes
- High pressure & high output in one pump

2110 Stationary Concrete Pump

All Markets*



Performance

Output up to 133 yd³/hr
 Delivery Pressure up to 3190 psi

Weight

Features

- Great for high pressure
- Applications include high-rise buildings, long distance pumping, tunnel construction, & more



20,000 lbs

^{*} If not in market, mobilization fees may be assessed.

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Placing Boom MX 36/40 Self-jacking and Traditional All Markets*



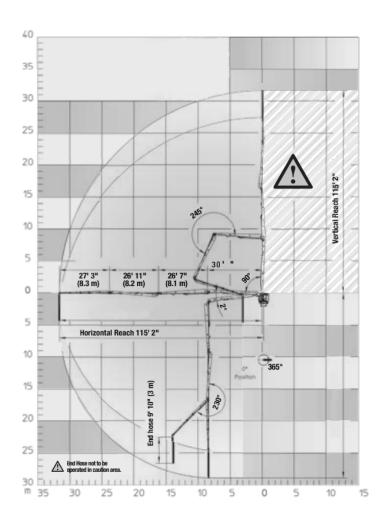
Reach/Boom

 Horizonal Reach 	115' 2"
 Vertical Reach 	115' 2"
 Reach Depth 	93' 10"
 Stowed Boom Length 	32' 4"

Weights

 Boom Weight 	13,144 lbs
 Pedestal Weight 	4,850 lbs
 Total Approx. Weight 	17,944 lbs
 Series II Weight 	5,770 lbs

- Great for high-rise buildings
- Easy set-up in congested areas
- Self-climbing available
- Lattice tower design





^{*} If not in market, mobilization fees may be assessed.

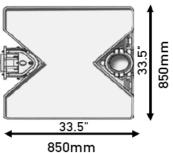
RS850 Placing Boom & Tower

All Markets*



- Tubular columns in standard lengths of 9' 10" (3.00m) and 19' 8" (6.00m)
- Climbing Columns available as 5' 0" (1.50m), 30' 0" (9.00cm) or 34' 5" (10.50m) sections with a self-climbing device
- · Horizontal supports to hold tubular columns securely at the floor
- Many set-up variations for every situation







^{*} If not in market, mobilization fees may be assessed.

Mini Placer

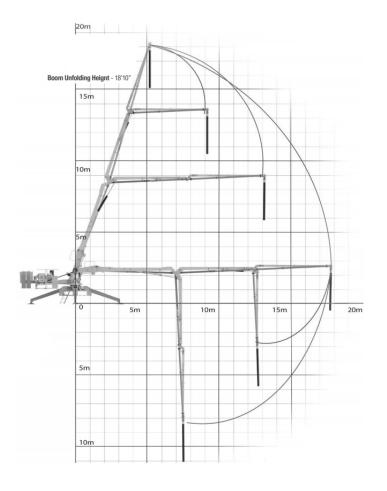
All Markets*



Model Overview

 Vertical reach 	60'
 Horizontal reach 	60'
 Depth Reach 	26'
 Unfolding height 	18' 10"

- 3 section boom
- Infinite rotation eliminates dead spots
- Light weight allows placer to be used on decks with proper shoring





^{*} If not in market, mobilization fees may be assessed.

Spider Placing Booms

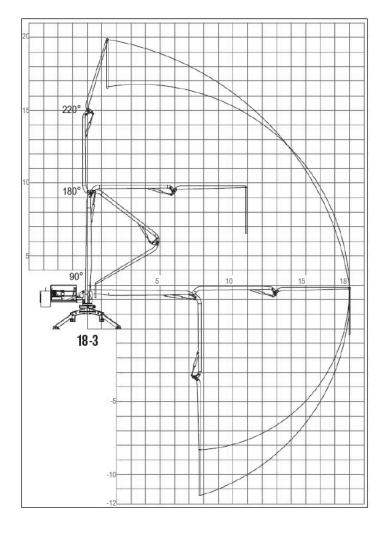
All Markets

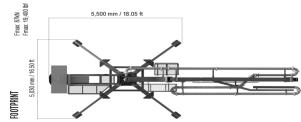


Model Overview

 Vertical reach 	59'
 Horizontal reach 	52' 5"
 Depth Reach 	32' 8"
 Unfolding height 	13"

- Track assist drive
- Can be connected to any existing boom pump
- Pours large areas without the need for a heavy line system
- Great for areas that can't be reached with a truck mounted or stationary concrete.







^{*} If not in market, mobilization fees may be assessed.

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City Pump

Charlotte Markets*



Model Overview

 Max. Volume Output 	139 yd ³ /hr
Max. Concrete Pressure	2175 psi
• Length	35' 4"
• Width	8' 2"

Features

- High output rate of 139 yards per hour
- Pump can handle different types of application including high rise vertical pumping
- Large 550L capacity hopper

VSP 70 Line Pump

Charlotte, Raleigh, and Columbia Markets*



Model Overview

Max. Volume Output	74 yd³/hr
Max. Concrete Pressure	1130 psi
• Length	27.6'
• Width	96.5"

- Capabilities to pump 2.5 up to 5" system
- Smaller truck size to accomodate for tight jobs
- Capabilities to pump more mixes than just a small line mix



^{*} If not in market, mobilization fees may be assessed.

Terms & Conditions

Minimum Charge: Friday 4 hours for AM placement, 2 hours for PM placement. Saturday 6-hour minimum. Sundays and Holidays 6-hour minimum & \$100.00 per hour overtime charge.

Mobilization Charge will be pump rate on one-way travel time. Minimum of (1) hour

General Terms and Conditions apply to all pricing for all rates above. The terms, conditions and pricing on these documents will prevail over any verbal communications. Any changes must be made in writing and delivered via electronically or physically with confirmation.

GENERAL TERMS AND CONDITIONS

SETUP: Contractor will provide a safe set up space and a designated clean up place. **ASME B30.27-2014 is the prevailing document for safety standards.**

PRIMING: Customer will provide grout for 56–63-meter pumps. CMP can provide prime pack for others @ \$50 per pack.

MIX DESIGN: Contractor will provide a pumpable concrete mix design. Call for assistance if you have a mix design question. CMP reserves the right to reject concrete that has timed out or is not pumpable

WRECKER AND RECOVERY: Contractor will pay for any wrecker fees on site if necessary.

UNDERGROUND: If underground structures exist, then contractor will locate and mark these structures. Contractor accepts all responsibility for damages to underground structures and CMP equipment due to unsuitable soil conditions

OVERHEAD: Conditions with overhead obstructions such as power lines will be disclosed prior to scheduled delivery of pump in order to maintain proper safety protocol.

PROPERTY PROTECTION: Contractor will be responsible for protection of any vehicles, materials or structures that are within 50 yards of any part of the concrete pump or CMP equipment.

MECHANICAL ISSUES: CMP does not accept responsibility for materials, labor, or lost time due to mechanical problems with our equipment.

WASHOUT: Designated clean-out site will be provided and maintained by contractor. If no clean out site is available, then we may provide clean-up bag for \$80.00 per bag.

TRAVEL EXPENSES: If necessary for CMP to comply with Federal DOT Hours of Service Standards, then contractor is responsible for motel/hotel charges.

DELAYS: CMP reserves the right to clean out or blow down concrete from the pump and associated system if delays occur and CMP operator deems there is a risk to the equipment. No back charge will be accepted from GC in this situation.

CANCELLATION REQUIREMENTS: To cancel a pump, please notify our dispatch office at least 20 hours prior to the scheduled work day. You may call **(704) 554-7776** to cancel and/or schedule a pump. Cancellation with less than 12 hours until scheduled time on job are subject to a 4 Hour Charge.

- All OCIP, CCIP, or Certified Payroll projects will be charged 5% on total invoice.
- Back charges shall be submitted for CMP review within 30 days of invoice date.
- CMP will not be responsible for any cost associated with required use of invoicing systems.

Site or Contractor Specific Training: Site specific orientations, drug tests, mandatory meetings, physicals, back ground checks, or safety classes will be at customer's expense portal to portal. Remote training will be charged a minimum of one hour or duration of the training session. Hourly rate for Operators: \$75.00 per hour.

PAYMENT TERMS:

PAYMENT: Contractor agree that invoices are due based on payment terms. Any invoice not paid in full within 10 days of due date will accrue interest, which Contractor agree to pay, at the rate of 1.5% per month, or the highest legal rate, whichever is greater, from the invoice date until the full balance and all accrued interest are paid in full. Contractor agree that payment on accounts will be first applied to unpaid interest and then to the Contractor account.

WORK STOPPAGE: Contractor agree that should they fail to pay any invoice within the time provided in these Terms and Conditions of Payment that CMP may, in addition to all other rights or remedies which it may have, unilaterally and without notice slow down or cease all construction work and remove its forces and/or material and / or equipment from the Project. Further, should CMP exercise its right to slow down, cease construction and/or remove its equipment, forces and materials from the Project as provided in this paragraph. Contractor agree they will have no right to recover damages of any nature from CMP, its officers, employees, directors, affiliated companies and/or material suppliers resulting from such action(s).





PAYMENT TERMS (CONTINUED:

ATTORNEY FEES: Contractor agree that if this account is turned over to an attorney for collection, they will pay CMP's reasonable attorney's fees and costs of collection, including the costs associated with any lien, whether or not suit is filed.

CHOICE OF LAW AND VENUE: The laws where the project is located shall govern the construction of and enforceability of the terms and interpretation of the rights and duties of the parties as stated in these Terms and Conditions of Payment. The Contractor agree and consent to arbitration to resolve any dispute. Each party will pay an equal portion of the arbitration or mediation cost.

ENTIRE AGREEMENT: It is agreed and understood by the Contractor that these Terms and Conditions of Payment supersede and replace all other understandings or agreements with respect to the matters contained herein. These Terms and Conditions of Payment may not be changed, modified or varied except in writing and signed by a Corporate Officer of CMP. Contractor further agree that in the event of a conflict between these Terms and Conditions of Payment and the terms contained in any purchase order or other document produced or provided by Contractor, these Terms and Conditions of Payment shall govern. Delivery of these Terms and Conditions via email, fax or mail will be deemed as acceptance once concrete pumping services have commenced.

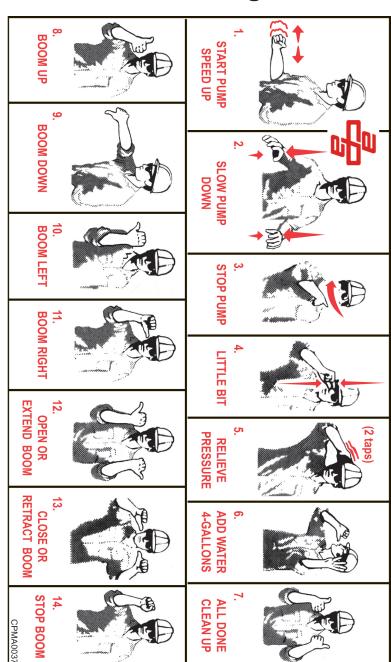
ACPA Safety Rules For Workers Assigned To The Pump

- Crushing hazard. Never, ever position yourself between the ready mix truck and the pump! Stand to the side, where the driver can see you
- You must know how to stop the pump and boom. Have the operator show you the locations of the emergency stop switches
- · Keep unauthorized personnel off of the pump.
- You should wear the same personal protective equipment (PPE) as the operator. Goggles, hard hat, ear protection, and rubber gloves
- Be careful when handling pipeline or any other heavy object. Learn how to lift without using your back. Get assistance if needed.
- Never stand on, sit on, or straddle a pipeline while it's in use, or whenever it is pressurized.
- Do not let the concrete level in the hopper become low! If air is sucked into the material cylinders, the pump will compress the air.
- Alert the operator of the problem. It is his job to know the procedures for safe removal of air from the pump and delivery system.
- When the operator is initially priming the delivery system, restarting
 after moving, restarting after adding or removing pipes or hoses, or
 any time that air has been introduced into the delivery system, stand
 a reasonable and prudent distance away from the tip hose or point of
 discharge. Do not get near the discharge until material runs steadily
 and there is no movement of the delivery system. Compressed air
 in the line can cause rubber hose to move violently creating hose whip.
- If you see foreign material that could create a blockage coming from the ready mix truck, alert the operator to stop the pump. Do not attempt to remove the material from the hopper or grate while the hydraulic system is ready to work.
- Electrocution hazard! If the pump or boom becomes energized with high voltage and you are in contact with any part of it, you are at risk of electrocution! You should monitor the movement of the boom and alert the operator if the boom comes within 17 feet of an electrical wire.
- Do not look into the end of a plugged hose or pipe! Do not kink the
 end hose. Kinking will cause the pump to create maximum concrete
 pressure. The pump may unkink the hose by force!
- Never try to support the tip hose with your back or shoulders. Let the hose hang from the boom.
- Never open a pressurized pipeline. The pump operator must release the pressure before you open the line.
- After removing pipe sections you <u>must</u> reassemble using gaskets and clamps. Pipelines assembled without gaskets will leak cement and water, which can cause a blockage.





ACPA Hand Signals





Our Services

Moreover, we are well aware of the time constraints and challenges that come with the job. As a result, we're always on the lookout for the technology and knowledge that can enhance our workmanship, highlight efficient solutions, and provide cost-effective measures for pumping concrete. Our fleet and equipment are a testament to this fact which includes telebelts, large trailer line pumps, and specialty placing systems. The pumps in our inventory range from small line city pumps to a massive 63-meter pump, the largest one available in the Carolinas. Additionally, we offer specialty pumps for low overhead clearance, providing a full range of services to our clients.

Safety Protocols

At CMP Pumping, we understand that conventional safety protocols are not just for display. Instead, one must institute policies that inculcate a cultural approach towards safety. Each of our employees is determined to actively identify, prevent, and correct safety hazards both on and off the job.

To further display our commitment toward a safe work environment, we are one of the only pump companies in the country to employ a full-time safety manager. This way, we can ascertain that all the safety provisions are being followed, dynamic safety recommendations keep on coming in, and our workforce remains educated with all safety requirements. All of our operators are certified by the American Concrete Pumping Associations (ACPA) and have OSHA 10 or 30 training. Other than that, we hold membership in the Specialty Crane and Rigging Association (SC&RA) and follow their protocols on safety matters.

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