DY
Concrete Pumps Inc.

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WWW.DYCONCRETEPUMPS.COM

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ABOUT US

QUALIFIED
TEAM

QUALITY
EQUIPMENT

IMPECABLE
SUPPORT

DY Concrete Pumps was established in 1992. In the beginning, like any venture, there were certainly some challenges. However, determined to succeed, DY preserved and have earned a reputation of producing high quality concrete pumps in Korea for over 20 years. With a strong market share in the North American market, DY Concrete Pumps prides it's self on providing our customers with competitively priced concrete pumps, while still keeping the highest quality of standards.

DY CONCRETE PUMPS: A PREMIUM CONCRETE PUMP COMPANY IN NORTH AMERICA

DY Concrete Pumps is your headquarters for high-quality Korean-manufactured pumps specifically designed to meet the needs of today's construction companies and other industrial applications.

By combining the expertise of DY Korea and DY North America, we're able to supply the North American marketplace with hard-working, reliable concrete pumps that deliver superior performance at competitive prices. Our pumps and hydraulic cylinders feature a simple, user-friendly design that saves time and increases productivity, all while minimizing preventive maintenance requirements.

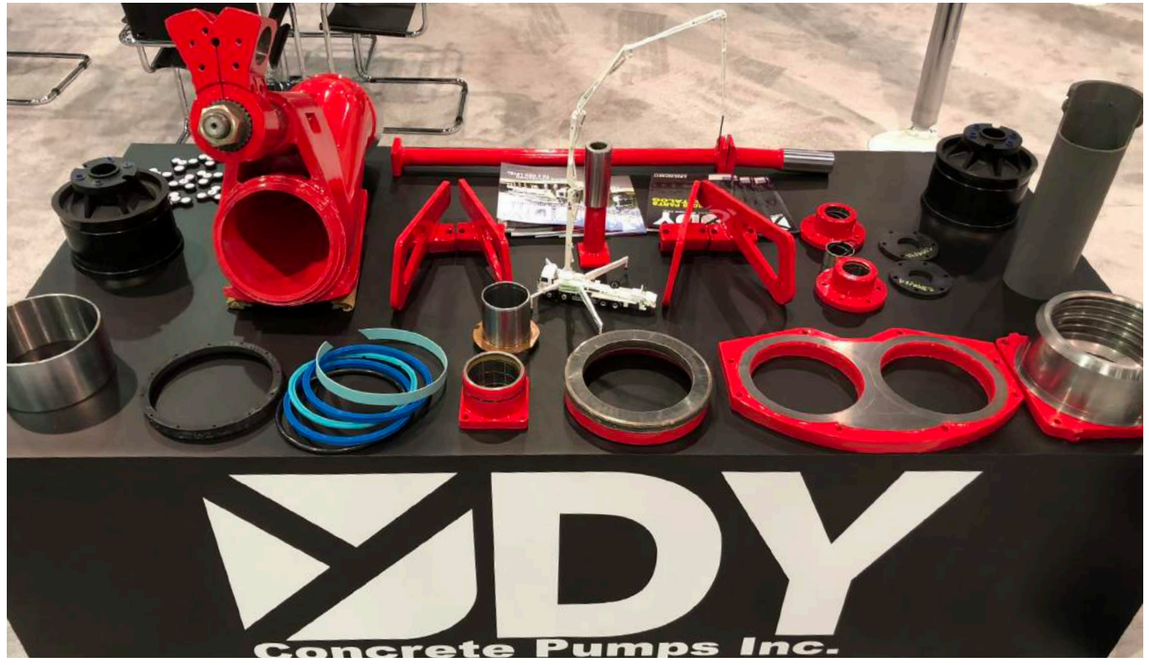
TRUST OUR MORE THAN 40 YEARS OF CONCRETE PUMP MANUFACTURING EXPERIENCE

In business as an end user for more than four decades, DY is a time-tested concrete pump company that understands the unique needs of the end user. Our experience has taught us the importance of using only the best materials to ensure our pumps meet our customers' performance and durability standards. We make our products with sturdy high-grade steel and use advanced robotic welding techniques to ensure their unsurpassed quality.

Our industrial machine, hydraulic and automotive departments serve world-renowned manufacturers such as John Deere, Caterpillar, Ford and General Motors, to name just a few. All DY Concrete Boom Pumps are equipped with DY's own patented "High Quality" Hydraulic Cylinders. DY Power Division in Korea is the 2nd largest manufacturer of hydraulic cylinders in the world.

WE ALSO OFFER A COMPLETE SELECTION OF PUMP REPLACEMENT PARTS

While we design, engineer and construct all DY products to provide many years of reliable service, you may still need to replace worn or damaged parts as well as OEM DY wear parts and twin wall boom systems to keep your pump in peak operating condition.



- **40+ YEARS OF END USER EXPERIENCE**
- **INUSTRY LEADING CUSTOMER SERVICE**
- **MASSIVE PARTS INVENTORY STOCK**
- **THREE LOCATIONS IN NORTH AMERICA**

We feature a dedicated parts department in each location that carries an extensive inventory of all the parts and components you need to keep your pumps up and running. All OEM DY replacement parts offer the same exceptional quality as the originals to deliver relentless performance in even the most extreme operating environments and conditions.

THREE CONVENIENT NORTH AMERICAN LOCATIONS TO SERVE YOU

Our concrete pump manufacturing company has three strategic locations to provide prompt service to our North American customer base. Our head office is in Calgary, AB, Canada, and we also have branch operations in Tampa, FL, and Dallas, TX. Our Dallas/Fort Worth branch is a fully staffed and equipped parts, service and sales facility that is ready to meet your needs. You'll receive fast, attentive service no matter where you are on the continent — including same or next-day parts shipping.

And with our 24/7 customer support line, the parts you need to perform emergency repairs that will minimize unproductive downtime are always just a quick phone call away. Also, DY Concrete Pumps has a staff of trained, knowledgeable sales professionals spread across the continent who can be at your facility quickly to provide technical assistance whenever you need it.

THE DY DIFFERENCE

DY Concrete Pumps offers superior engineering with high quality craftsmanship and design in every concrete pump that is assembled and tested in our North American Centers.
All of our concrete pumps are designed and assembled with the owner and operator in mind. With no complicated computer systems, our concrete pumps offer operator friendly controls that are easy to understand and will help complete your job on time with reliability.

When you buy a DY Concrete Pump, you get over 40 years of end user knowledge with our industry leading support/service network.

QUALITY YOU DESERVE, DEPENDABILITY YOU CAN COUNT ON.

PRODUCT FEATURES

360 Degree Continuous Swing Turret

This is a cut away image of our patented 360 degree swivel coupling in the turret which allows for a continuous swing. Yet another feature that makes DY stand out above our competition.
Ask your sales rep for more information on how our patented 360 technology works.

360° Continuous Swing Boom

Main Control Panel
DY Concrete Pumps has taken a proven method of using relays and diode boards to control solenoid valves and improved the design by using state of the art parts. The LED lights make troubleshooting easier. Less maintenance and more reliability are the end result.

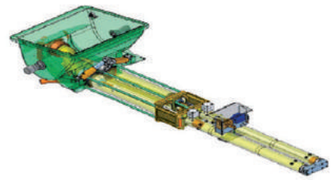
Genuine HBC Remote Control
Simple and easy controls with rotary/twisty knobs.

Optimized Design by Verification through VPD

Virtual Product Development) VPD allows strength and stability verification through simulating the full range of boom operation.

#1 Electronic Controlled Hyd. Valves

Electronic controlled hydraulic valves with full manual overrides allows for smooth pump operation with a minimum of moving parts for maximum efficiency with low maintenance costs.



#2 Long Stroke Pumping System

Long stroke pumping provides high volume outputs with smooth and steady flow throughout all pressure ranges.

#3 Hopper

Designed for easy filling and cleaning with safety features including auger stopping and interruption of s-tube swinging when hopper grate is lifted.

#4 Air Grease Pump

Standard equipment includes air operated grease pump for manual greasing of the hopper or greasing of the boom.

#5 Oil Cooler

Large capacity oil cooler insures a long life of hydraulic components and maximum cooling ability through all temperature and pumping conditions.

#6 Water Pump

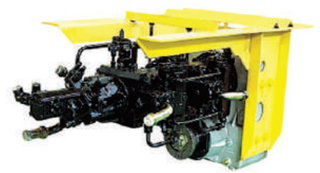
Multileveled Centrifugal Pump with hydraulic motor provides high pressure water to provide a quicker pump wash out.

#7 Remote Switch Box

Rearward location of switch box allows easy access for the operator to provide full pumping control when required.

#8 Automatic Hopper Greasing

Electric automatic greasing system for the hopper provides efficient greasing of moving hopper parts for maximum service life.



#9 Main Hydraulic Pump

Excellent performance with guaranteed German Rexroth pump technology.

REDEFINING WHAT CUSTOMER SERVICE SHOULD BE.

33X-5ZZ

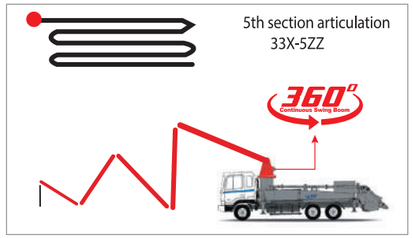
33X-5ZZ DETAILS

The 33X-5ZZ concrete boom pump is the ideal choice for residential and commercial construction job sites requiring less range and more mobility. This 33-meter concrete boom pump features a 360-degree, continuous swing, five-section, true-double Z boom that provides maximum versatility. The pump is designed to unfold and open in tight spaces and can unfold under a 19 foot ceiling height, making it perfect for working in and around existing structures as well as under bridge decks and other overhead obstructions

33X-5ZZ SPECIFICATIONS

Photos and drawings are for illustrative purposes only.
Dimensions will vary with different truck makes, models and specifications.
For available options, please contact the factory.

Boom Type : ZZ-Type 5 Section



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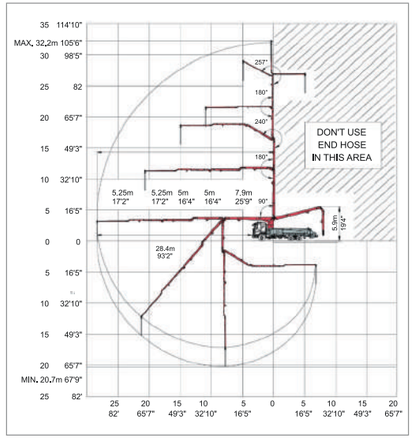

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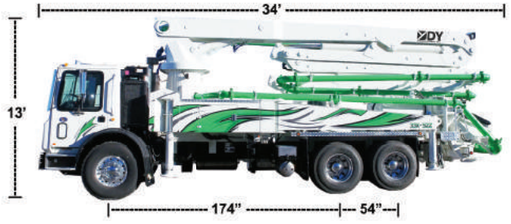
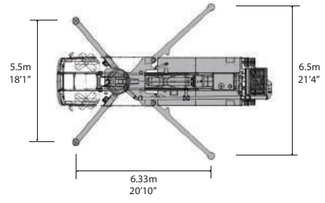


OUTRIGGER



Truck-Mounted Specifications

	33X-5ZZ	
Front Axle Weight	7,257 kg	16,000 lbs
Rear Axle Weight	16,556 kg	36,500 lbs
Approx. Total Weight	23,812 kg	52,500 lbs

Water Tank Size: 500L / 132 GAL

Boom Specifications • Roll-and-Z-Fold Design

Height & Reach	33X-5ZZ	
Vertical reach	32.2 m	105′ 7″
Horizontal reach	27.9 m	91′ 6″
Reach from front of truck	25.16 m	82′ 7″
Reach depth	20.6 m	67′ 7″
Unfolding height	5.8 m	19′
Boom Section		
1st section articulation	90 °	
2nd section articulation	180 °	
3rd section articulation	245°	
4th section articulation	180°	
5th section articulation	255 °	
1st section length	7.9 m	25′ 11″
2nd section length	5 m	16′ 5″
3rd section length	5 m	16′ 5″
4th section length	5.25 m	17′ 3″
5th section length	5.25 m	17′ 3′
General Specs		
Pipeline size (ID) metric ends	125 mm	5"
Rotation		360° Continuous
End hose — length	3.5 m	11′ 6"
End hose — diameter	125 m	5"
Outrigger spread front Telescope & extend down	5.5 m	18′ 1″
Outrigger spread rear Swing out & extend down	6.5 m	21′ 4″

Pump Specifications

Output	Rod side	160 m^3/hr	209 yd^3/hr
	Piston side	108 m^3/hr	141 yd^3/hr
Pressure	Rod side	85 bar	1,232 psi
	Piston side	130 bar	1,886 psi
Material cylinder diameter		230 mm	9"
Stroke length		2,100 mm	6′ 11"
Max strokes	Per minute	1 minute	
	Rod side	31	
	Piston side	21	
Volume control		Zero to full	
Vibrator Standard		Option	
Hard-chromed material cylinders		Standard	
Hydraulic system		Closed-loop	
Hydraulic system pressure		350 bar	5,075 psi
Differential cylinder diameter		140 mm	5.5"
Rod diameter		80 mm	3"
Maximum size aggregate		60 mm	2.4"

This product specification could be changed by DY Corporation without notice to improve the quality.

38X-5ZR

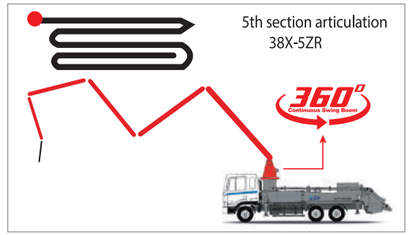
38X-5ZR DETAILS

Our 38-meter boom pump is an exceptional choice for builders and contractors with both residential and commercial jobs. The ZR boom is designed for high-productivity with the ability to deliver a consistent flow of concrete. The narrow profile of our 38X-5ZR allows for maneuvering around urban areas and working in tight and confined spaces. An additional feature of our concrete boom trucks is our 360-degree rotating boom which eliminates the need for excessive maneuvering of the truck around the job site.

38X-5ZR SPECIFICATIONS

Photos and drawings are for illustrative purposes only.
Dimensions will vary with different truck makes, models and specifications.
For available options, please contact the factory.

Boom Type : ZR-5 Section



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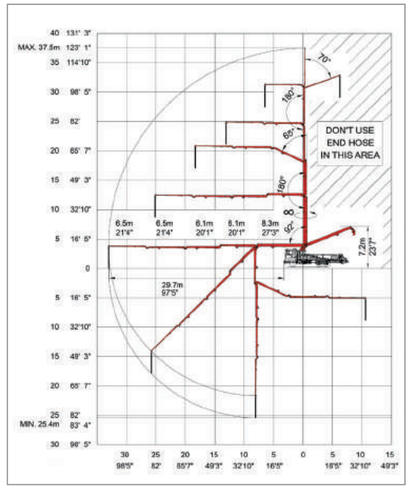

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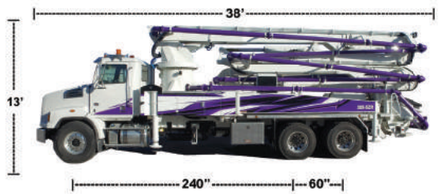
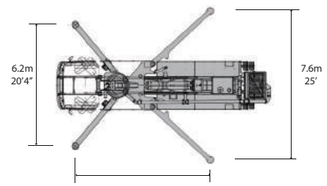


OUTRIGGER



Truck-Mounted Specifications

	38X-5ZR	
Front Axle Weight	8,339 kg	18,386 lbs
Rear Axle Weight	17,909 kg	39,484 lbs
Approx. Total Weight	26,249 kg	57,870 lbs

Water Tank Size: 500L / 132 GAL

Boom Specifications • Roll-and-Z-Fold Design

Height & Reach	38X-5ZR	
Vertical reach	37.5 m	123' 4"
Horizontal reach	33.5 m	109' 11"
Reach from front of truck	29.7 m	97' 5"
Reach depth	25.4 m	83' 4"
Unfolding height	7.2 m	23' 7"

Boom Section	
1st section articulation	92 °
2nd section articulation	180 °
3rd section articulation	245°
4th section articulation	180°
5th section articulation	250 °

1st section length	8.3 m	27' 3"
2nd section length	6.1 m	20' 1"
3rd section length	6.1 m	20' 1"
4th section length	6.5 m	21' 4"
5th section length	6.5 m	21' 4

General Specs		
Pipeline size (ID) metric ends	125 mm	5"
Rotation		360° Continuous
End hose — length	3.5 m	11' 6"
End hose — diameter	125 m	5"
Outrigger spread front Telescope & extend down	6.2 m	20' 4"
Outrigger spread rear Swing out & extend down	7.6 m	25'

Pump Specifications

Output	Rod side	160 m^3/hr	209 yd^3/hr
	Piston side	108 m^3/hr	141 yd^3/hr
Pressure	Rod side	85 bar	1,232 psi
	Piston side	130 bar	1,886 psi
Material cylinder diameter		230 mm	9"
Stroke length		2,100 mm	6' 11"
Max strokes	Per minute	1 minute	
	Rod side	31	
	Piston side	21	
Volume control		Zero to full	
Vibrator Standard		Option	
Hard-chromed material cylinders		Standard	
Hydraulic system		Closed-loop	
Hydraulic system pressure		350 bar	5,075 psi
Differential cylinder diameter		140 mm	5.5"
Rod diameter		80 mm	3"
Maximum size aggregate		60 mm	2.4"

This product specification could be changed by DY Corporation without notice to improve the quality.

40X-5ZR

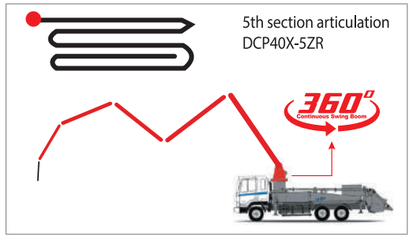
40X-5ZR DETAILS

Maximum versatility is the defining characteristic of our 40-meter concrete boom pump which maximizes the three axle chassis with the longest boom reach possible creating a lower truck chassis cost. As with our 40X-5ZR, the mid-size ZR boom is perfect for residential and commercial concrete pouring projects. Featuring a 360-degree continuous swing boom, the 40X-5ZR is highly maneuverable and can reach places that are inaccessible to less agile machines. Your crew will be able to complete jobs faster and more efficiently, which will have a positive impact on your company's bottom line.

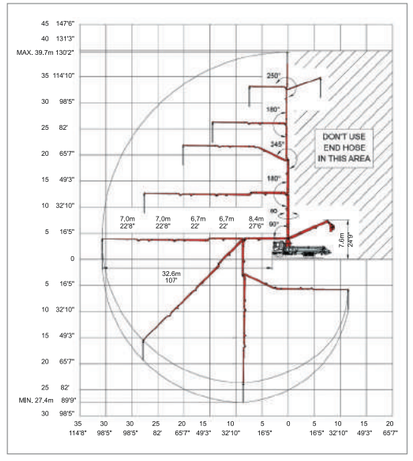
40X-5ZR SPECIFICATIONS

Photos and drawings are for illustrative purposes only.
Dimensions will vary with different truck makes, models and specifications.
For available options, please contact the factory.

Boom Type : ZR-5 Section

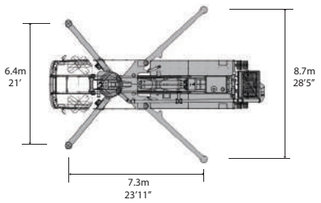


WORKING RANGE



DIMENSION

OUTRIGGER



Truck-Mounted Specifications

	40X-5ZR	
Front Axle Weight	8,682kg	19,141 lbs
Rear Axle Weight	18,733 kg	41,299 lbs
Approx. Total Weight	27,415 kg	60,440 lbs

Water Tank Size: 500L / 132 GAL

Boom Specifications • Roll-and-Z-Fold Design

Height & Reach	40X-5ZR	
Vertical reach	39.7 m	130' 2"
Horizontal reach	35.8 m	117' 5"
Reach from front of truck	32.6 m	107'
Reach depth	27.4 m	89' 9"
Unfolding height	7.6 m	24' 09"

Boom Section	
1st section articulation	90 °
2nd section articulation	180 °
3rd section articulation	245°
4th section articulation	180°
5th section articulation	250 °

1st section length	8.4 m	27' 6"
2nd section length	6.7 m	22'
3rd section length	6.7 m	22'
4th section length	7m	26' 3"
5th section length	7 m	26' 3"

General Specs		
Pipeline size (ID) metric ends	125 mm	5"
Rotation		360° Continuous
End hose — length	3.5 m	11' 6"
End hose — diameter	125 m	5"
Outrigger spread front Telescope & extend down	6.4m	21'
Outrigger spread rear Swing out & extend down	8.7m	28' 5"

Pump Specifications

Output	Rod side	160 m^3/hr	209 yd^3/hr
	Piston side	108 m^3/hr	141 yd^3/hr
Pressure	Rod side	85 bar	1,232 psi
	Piston side	130 bar	1,886 psi
Material cylinder diameter		230 mm	9"
Stroke length		2,100 mm	6' 11"
Max strokes	Per minute	1 minute	
	Rod side	31	
	Piston side	21	
Volume control		Zero to full	
Vibrator Standard		Option	
Hard-chromed material cylinders		Standard	
Hydraulic system		Closed-loop	
Hydraulic system pressure		350 bar	5,075 psi
Differential cylinder diameter		140 mm	5.5"
Rod diameter		80 mm	3"
Maximum size aggregate		60 mm	2.4"

This product specification could be changed by DY Corporation without notice to improve the quality.

43X-5RZ

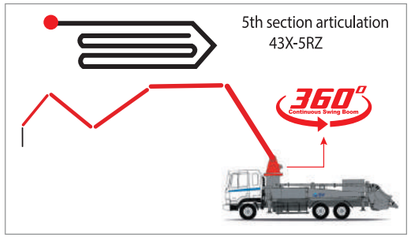
43X-5RZ DETAILS

When you work in concrete pumping and construction, it pays to have equipment that offers the versatility and performance you need to tackle a variety of jobs efficiently. When you're looking for a solution for both residential and commercial projects, an RZ 43-meter concrete boom pump is a must-have for your fleet.

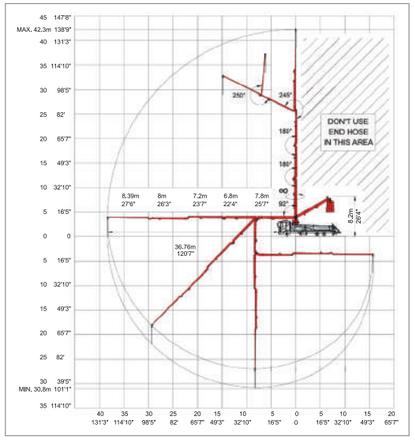
43X-5RZ SPECIFICATIONS

Photos and drawings are for illustrative purposes only.
Dimensions will vary with different truck makes, models and specifications.
For available options, please contact the factory.

Boom Type : RZ-5 Section



WORKING RANGE



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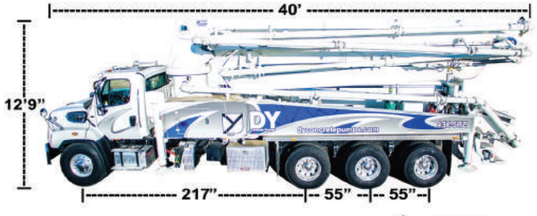
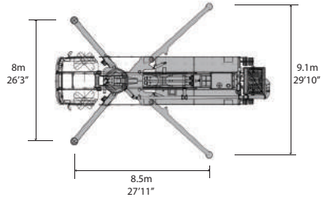


OUTRIGGER



Truck-Mounted Specifications

	43X-5RZ	
Front Axle Weight	13,150 kg	28,990 lbs
Rear Axle Weight	17,770 kg	29,176 lbs
Approx. Total Weight	30,920 kg	68,166 lbs

Weights above based on tandem/tandem configuration

Water Tank Size: 800L / 211 GAL

Boom Specifications • Roll-and-Z-Fold Design

Height & Reach	43X-5RZ	
Vertical reach	42.3 m	138' 9"
Horizontal reach	38.3 m	125' 8"
Reach from front of truck	36.76 m	120' 7"
Reach depth	30.8 m	101' 1"
Unfolding height	8.2 m	26' 11"
Boom Section		
1st section articulation	92 °	
2nd section articulation	180 °	
3rd section articulation	180 °	
4th section articulation	245 °	
5th section articulation	250 °	
1st section length	7.8 m	25' 7"
2nd section length	6.8 m	22' 4"
3rd section length	7.2 m	23' 7"
4th section length	8 m	26' 3"
5th section length	8.39 m	27' 6"
General Specs		
Pipeline size (ID) metric ends	125 mm	5"
Rotation		360° Continuous
End hose — length	3.5 m	11' 6"
End hose — diameter	125 m	5"
Outrigger spread front Telescope & extend down	8m	26' 3"
Outrigger spread rear Swing out & extend down	9.1 m	29' 10"

Pump Specifications

Output	Rod side	160 m^3/hr	209 yd^3/hr
	Piston side	108 m^3/hr	141 yd^3/hr
Pressure	Rod side	85 bar	1,232 psi
	Piston side	130 bar	1,886 psi
Material cylinder diameter		230 mm	9"
Stroke length		2,100 mm	6' 11"
Max strokes	Per minute	1 minute	
	Rod side	31	
	Piston side	21	
Volume control		Zero to full	
Vibrator Standard		Option	
Hard-chromed material cylinders		Standard	
Hydraulic system		Closed-loop	
Hydraulic system pressure		350 bar	5,075 psi
Differential cylinder diameter		140 mm	5.5"
Rod diameter		80 mm	3"
Maximum size aggregate		60 mm	2.4"

This product specification could be changed by DY Corporation without notice to improve the quality.

48X-5RZ

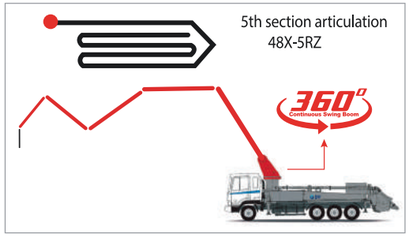
48X-5RZ DETAILS

The most significant and challenging commercial construction projects call for innovative solutions that save time and money while delivering results. Our 5-section, 48-meter concrete boom pumps help you get more work done in less time, lowering your company's manual labor requirements so you can better allocate your assets.

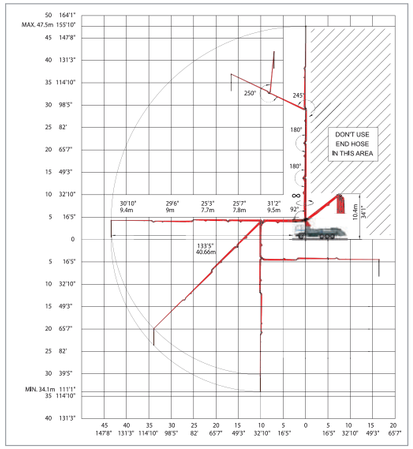
48X-5RZ SPECIFICATIONS

Photos and drawings are for illustrative purposes only.
Dimensions will vary with different truck makes, models and specifications.
For available options, please contact the factory.

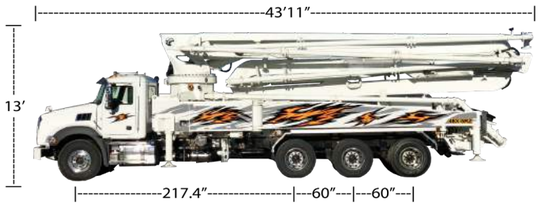
Boom Type : RZ-5 Section



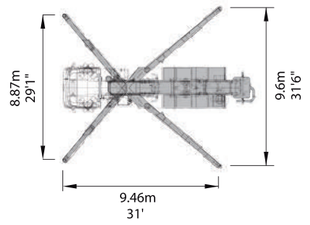
WORKING RANGE



DIMENSION



OUTRIGGER



Truck-Mounted Specifications

	48X-5RZ	
Front Axle Weight	8,102 kg	17,863 lbs
Rear Axle Weight	25,777 kg	56,828 lbs
Approx. Total Weight	33,879 kg	74,691 lbs

Water Tank Size: 800L / 211 GAL

Boom Specifications • Roll-and-Z-Fold Design

Height & Reach	48X-5RZ	
Vertical reach	47.5 m	155' 10"
Horizontal reach	43.2 m	141' 9"
Reach from front of truck	40.66 m	133' 5"
Reach depth	34.1 m	111' 11"
Unfolding height	10.4 m	34' 1"

Boom Section	
1st section articulation	92 °
2nd section articulation	180 °
3rd section articulation	180 °
4th section articulation	245 °
5th section articulation	250 °

1st section length	9.5 m	31' 2"
2nd section length	7.8 m	25' 7"
3rd section length	7.7 m	25' 3"
4th section length	9 m	29' 6"
5th section length	9.4 m	30' 10"

General Specs		
Pipeline size (ID) metric ends	125 mm	5"
Rotation		360° Continuous
End hose — length	3.5 m	11' 6"
End hose — diameter	125 m	5"
Outrigger spread front Telescope & extend down	8.87m	29' 1"
Outrigger spread rear Swing out & extend down	9.6 m	31' 6"

Pump Specifications

Output	Rod side	160 m^3/hr	209 yd^3/hr
	Piston side	108 m^3/hr	141 yd^3/hr
Pressure	Rod side	85 bar	1,232 psi
	Piston side	130 bar	1,886 psi
Material cylinder diameter		230 mm	9"
Stroke length		2,100 mm	6' 11"
Max strokes	Per minute		1 minute
	Rod side		31
	Piston side		21
Volume control			Zero to full
Vibrator Standard			Option
Hard-chromed material cylinders			Standard
Hydraulic system			Closed-loop
Hydraulic system pressure		350 bar	5,075 psi
Differential cylinder diameter		140 mm	5.5"
Rod diameter		80 mm	3"
Maximum size aggregate		60 mm	2.4"

This product specification could be changed by DY Corporation without notice to improve the quality.

52X-5RZ

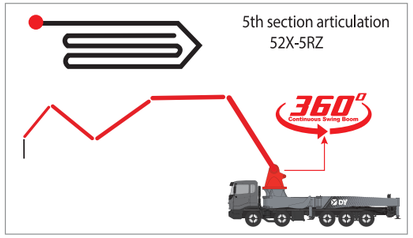
52X-5RZ DETAILS

The 52X-5RZ concrete boom pump offers the optimal size and range for commercial and industrial concrete pouring projects. This powerful, highly advanced, five-section concrete boom pump is equipped with a 360-degree continuous swing boom for maximum flexibility and mobility at the job site, along with innovative X-style outriggers for superior truck stability in even the most challenging work environments, making it the ideal choice for reach concrete pumping. You'll be able to meet any project demand and complete jobs more quickly and efficiently than ever.

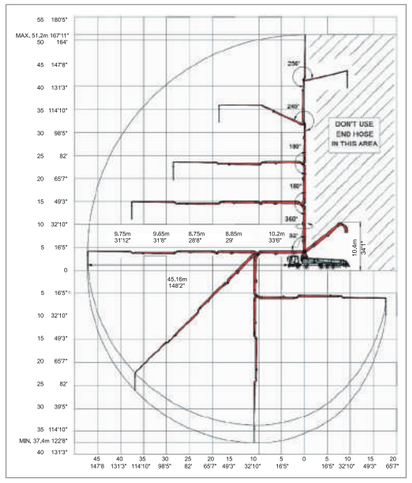
52X-5RZ SPECIFICATIONS

Photos and drawings are for illustrative purposes only.
Dimensions will vary with different truck makes, models and specifications.
For available options, please contact the factory.

Boom Type : RZ-Type 5 Section



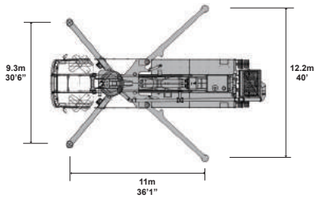
WORKING RANGE



DIMENSION

*CALTRANS APPROVED

OUTRIGGER



Truck-Mounted Specifications

	52X-5RZ	
Front Axle Weight	17,020 kg	37,522 lbs
Rear Axle Weight	24,750 kg	54,564 lbs
Approx. Total Weight	41,770 kg	92,087 lbs

Water Tank Size: 800L / 211 GAL

Boom Specifications • Roll-and-Z-Fold Design

Height & Reach	52X-5RZ	
Vertical reach	51.2 m	167' 11"
Horizontal reach	47.2 m	154' 10"
Reach from front of truck	45.16 m	148' 2"
Reach depth	37.4 m	122' 8"
Unfolding height	10.4 m	34' 1"

Boom Section	
1st section articulation	92 °
2nd section articulation	180 °
3rd section articulation	180 °
4th section articulation	245 °
5th section articulation	256 °

1st section length	10.2 m	33' 6"
2nd section length	8.85 m	29'
3rd section length	8.75 m	28' 8"
4th section length	9.65 m	31' 8"
5th section length	9.75 m	31' 12"

General Specs		
Pipeline size (ID) metric ends	125 mm	5"
Rotation		360° Continuous
End hose — length	3.5 m	11' 6"
End hose — diameter	125 m	5"
Outrigger spread front Telescope & extend down	9.3m	30' 6"
Outrigger spread rear Swing out & extend down	12.2 m	40'

Pump Specifications

Output	Rod side	180 m^3/hr	235 yd^3/hr
	Piston side	121 m^3/hr	158 yd^3/hr
Pressure	Rod side	85 bar	1,232 psi
	Piston side	130 bar	1,886 psi
Material cylinder diameter		230 mm	9"
Stroke length		2,350 mm	7' 9"
Max strokes	Per minute		1 minute
	Rod side		30
	Piston side		20
Volume control			Zero to full
Vibrator Standard			Option
Hard-chromed material cylinders			Standard
Hydraulic system			Closed-loop
Hydraulic system pressure		350 bar	5,075 psi
Differential cylinder diameter		140 mm	5.5"
Rod diameter		80 mm	3"
Maximum size aggregate		60 mm	2.4"

This product specification could be changed by DY Corporation without notice to improve the quality.

57S-6RZ

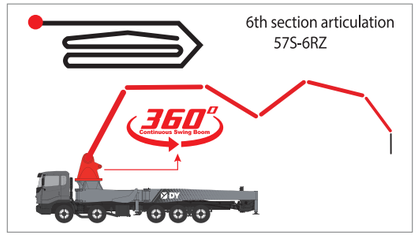
57S-6RZ DETAILS

The RZ 57-meter concrete boom pump is our longest and most productive pump for medium to large commercial construction sites. The 57S-6RZ features a 6-section boom that allows for ultimate maneuverability compared to other 57-meter boom pumps available in todays market. Ideal for use as a high-rise concrete boom pump, you benefit from high-performance delivery of materials in tight spaces and to elevated locations for a faster return on your investment.

57S-6RZ SPECIFICATIONS

Photos and drawings are for illustrative purposes only.
Dimensions will vary with different truck makes, models and specifications.
For available options, please contact the factory.

Boom Type : RZ-Type 6 Section



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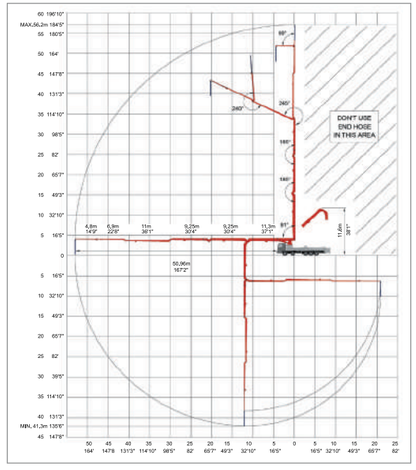

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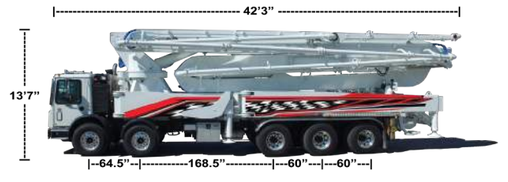

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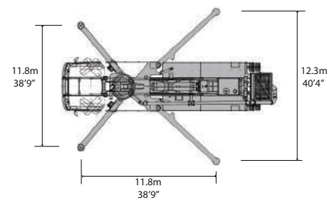


Truck-Mounted Specifications

	57S-6RZ	
Front Axle Weight	14,950 kg	32,959 lbs
Rear Axle Weight	26,760 kg	58,995 lbs
Approx. Total Weight	41,710 kg	91,954 lbs

Water Tank Size: 800L / 211 GAL

Boom Specifications • Roll-and-Z-Fold Design

Height & Reach	57S-6RZ	
Vertical reach	56.5 m	185' 4"
Horizontal reach	52.5 m	172' 3"
Reach from front of truck	50.46 m	165' 7"
Reach depth	41.6 m	136' 6"
Unfolding height	11.6 m	38' 1"

Boom Section	
1st section articulation	91 °
2nd section articulation	180 °
3rd section articulation	180 °
4th section articulation	245 °
5th section articulation	240 °
6th section articulation	90 °

1st section length	11.3 m	37' 1"
2nd section length	9.25 m	30' 4"
3rd section length	9.25 m	30' 4"
4th section length	11 m	36' 1"
5th section length	6.9 m	22' 8"
6th section length	4.8 m	14' 9"

General Specs		
Pipeline size (ID) metric ends	125 mm	5"
Rotation		360° Continuous
End hose — length	3.5 m	11' 6"
End hose — diameter	125 m	5"
Outrigger spread front Swing out, telescope & extend down	11.8 m	38' 9"
Outrigger spread rear Swing out & extend down	12.3 m	40' 4"

Pump Specifications

Output	Rod side	180 m^3/hr	235 yd^3/hr
	Piston side	121 m^3/hr	158 yd^3/hr
Pressure	Rod side	87 bar	1,262 psi
	Piston side	130 bar	1,886 psi
Material cylinder diameter		230 mm	9"
Stroke length		2,100 mm	6' 11"
Max strokes	Per minute	1 minute	
	Rod side	34	
	Piston side	23	
Volume control		Zero to full	
Vibrator Standard		Option	
Hard-chromed material cylinders		Standard	
Hydraulic system		Closed-loop	
Hydraulic system pressure		350 bar	5,075 psi
Differential cylinder diameter		140 mm	5.5"
Rod diameter		80 mm	3"
Maximum size aggregate		60 mm	2.4"

This product specification could be changed by DY Corporation without notice to improve the quality.

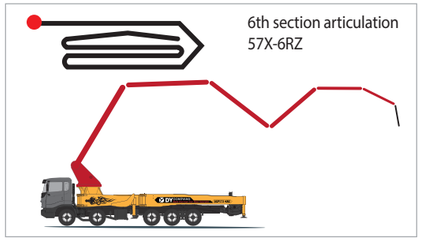
57X-6RZ DETAILS

Our 57-meter concrete boom pumps provide a 360-degree continuous swing motion for exceptional mobility. The 6-section design with simplified radio remote controls make it easier for operators to move the boom into the optimal position for less labor intensive pumping of concrete. It's ideal for pumping concrete to upper floors of a building for walls and columns, as well as for foundations, decks, parking structures and more.

57X-6RZ SPECIFICATIONS

Photos and drawings are for illustrative purposes only.
Dimensions will vary with different truck makes, models and specifications.
For available options, please contact the factory.

Boom Type : RZ-Type 6 Section



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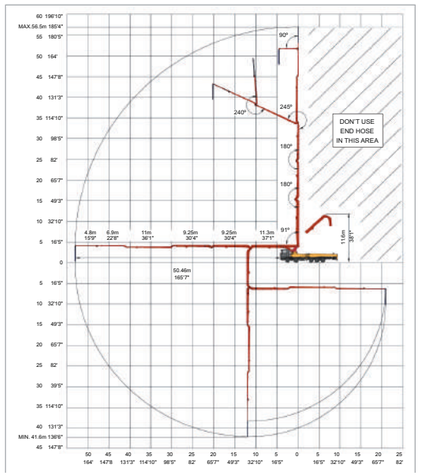
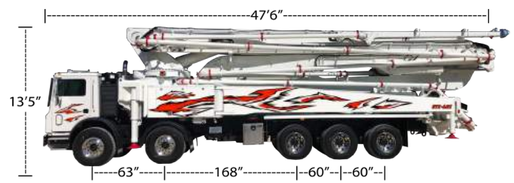
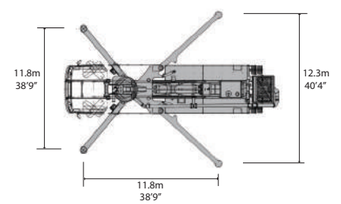


DIMENSION



OUTRIGGER



Truck-Mounted Specifications

	57X-6RZ	
Front Axle Weight	14,950 kg	32,959 lbs
Rear Axle Weight	26,760 kg	58,995 lbs
Approx. Total Weight	41,710 kg	91,954 lbs

Water Tank Size: 800L / 211 GAL

Boom Specifications • Roll-and-Z-Fold Design

Height & Reach	57X-6RZ	
Vertical reach	56.5 m	185' 4"
Horizontal reach	52.5 m	172' 3"
Reach from front of truck	50.46 m	165' 7"
Reach depth	41.6 m	136' 6"
Unfolding height	11.6 m	38' 1"
Boom Section		
1st section articulation	91 °	
2nd section articulation	180 °	
3rd section articulation	180 °	
4th section articulation	245 °	
5th section articulation	240 °	
6th section articulation	90 °	
1st section length	11.3 m	37' 1"
2nd section length	9.25 m	30' 4"
3rd section length	9.25 m	30' 4"
4th section length	11 m	36' 1"
5th section length	6.9 m	22' 8"
6th section length	4.8 m	14' 9"
General Specs		
Pipeline size (ID) metric ends	125 mm	5"
Rotation	360°	
End hose — length	3.5 m	11' 6"
End hose — diameter	125 m	5"
Outrigger spread front Telescope & extend down	11.8 m	38' 9"
Outrigger spread rear Swing out & extend down	12.3 m	40' 4"

Pump Specifications

Output	Rod side	180 m^3/hr	235 yd^3/hr
	Piston side	121 m^3/hr	158 yd^3/hr
Pressure	Rod side	87 bar	1,262 psi
	Piston side	130 bar	1,886 psi
Material cylinder diameter		230 mm	9"
Stroke length		2,100 mm	6' 11"
Max strokes	Per minute	1 minute	
	Rod side	34	
	Piston side	23	
Volume control		Zero to full	
Vibrator Standard		Option	
Hard-chromed material cylinders		Standard	
Hydraulic system		Closed-loop	
Hydraulic system pressure		350 bar	5,075 psi
Differential cylinder diameter		140 mm	5.5"
Rod diameter		80 mm	3"
Maximum size aggregate		60 mm	2.4"

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QUALITY YOU DESERVE, DEPENDABILITY YOU CAN COUNT ON.

CHASSIS OPTIONS

MACK MRU Chassis

The Mack MRU series has been a leader in the concrete pumping industry for many years. With a reputation for rugged durability, Mack's proven powertrain and low maintenance suspension has enabled Pumpers to maximize profits and minimize down time. A variety of axle configurations and wheel bases are available to meet the State and Provincial motor vehicle regulations in your area.

MACK Granite Chassis

Looking for the combination of a roomier cab, increased driver comfort but don't want to give up the rugged reliability you're used to in the MR Mack? The Mack Granite is the answer. With the ride quality and comfort of a conventional cab, flexible engine options also means there is no limit to power.

KENWORTH T880 Chassis

With the Kenworth T880, you've got a dependable, versatile vehicle capable of performing your toughest jobs. The work you do requires everything you've got and then some. Same for your trucks and the people who drive them. With the T880, you've got a dependable, versatile vehicle capable of performing your toughest jobs. Day in, day out. A truck designed at its core with the strength, stamina and operating economy you need to move your business ahead.

WESTERN STAR 4700/4800 Chassis

The all new Western Star 4700/4800 specifically meets the demanding needs of vocational applications and today's tightening budgets. And they did it with input from you the people who actually do the jobs. After all, no one knows what you need better than you do. Hand built with an unmatched attention to detail, just like Western Star has done for over 40 years. Durable, reliable and rugged, designed to be lighter weight to save you money today and for years to come.

FREIGHTLINER Chassis

The Freightliner M-2 started out as a lightweight, less expensive option for our small boom pumps. With superior visibility, comfort and style it was quickly discovered that this was a truck operators enjoy driving. They ride beautifully and are quiet inside as you drive down the road; it's a comfort level you might find in a newer pick-up.

AUTOCAR Chassis

No other truck brings quality, durability, reliability and performance to the vocational market like a Peterbilt. Inside and out, Peterbilt's vocational vehicles are built to endure the most challenging work environments, providing lasting value and helping make your business a profitable one.

24/7 CUSTOMER SUPPORT

Across North America, you can count on DY Concrete Pumps customer support. With a busy schedule and your company's reputation on the line, nothing is more critical than ongoing on-site support. DY Concrete Pumps starts with quality manufacturing for every unit and backs it up with:

- Complete start up support
- Technical assistance over the phone
- Regional field service personnel
- Quick turnarounds on genuine DY Concrete Pump parts

Our Experienced DY Concrete Pump Technicians are available to support you and your business.
Call our customer support team Toll Free at 1-844-DY-PUMPS (397-8677)
Email our customer support team at support@dyconcretepumps.com

PARTS

DY Parts and Service Centers
DY Concrete Pumps recognizes the importance to exceed our promise of offering customer service and superior parts support. In 2017 we proudly expanded our service and parts coverage with new facilities in Dallas and Tampa.
We are committed to continually improving our parts support network and with parts and service coverage on both East and West Coast's along with Canada, we guarantee overnight parts to all customers. We value you as a customer and will continue to demonstrate our abilities and invest in our structure and network to continue and expand to help us better serve our customers now and in the future.

Parts are available for same or next day delivery anywhere in North America
DY Concrete Pumps has a large inventory of in stock parts for every concrete pump make and model available in all regions of the United States and Canada. All of our parts are high quality, offering ultra performance under extreme wear conditions. This means greater savings and less down time.
We provide a Toll Free 24/7 customer support and parts line:
1-844-DY-PUMPS (397-8677).

TAKING UTILIZATION TO A NEW LEVEL

TESTIMONIALS

Matthew Lovelett **Pump Operations Supervisor @ BURNCO Texas**

"BURNCO Texas owns two DY 38 meter pumps and a 57 meter and we have been extremely happy with their performance. DY's customer service is far better than others and I get answers immediately. Chris Smith and Darcy Feihle are top notch and will help any time of day or night. My lead operator says "I love my DY. They are so smooth when pumping, almost no movement to the entire rig. The best part is the 360 degree continuous swing boom."

Don Joyner **President @ Southern Concrete Pumping Inc.**

"Our new DY 40X-5ZR came in yesterday and we put it to the test early this am with a 250 yard pour. We knew it would pump concrete but were shocked at how smooth this pump was. My operator who has been in the business since 1979 said it's one of the smoothest pumps he has ever run. He said we made the right choice, a DY 40X-5ZR mounted on an Autocar."

Nathan Germany **Tri-Way Concrete Pumping Inc.**

"We purchased our DY 43X-5RZ concrete pump in August of 2016 and it has performed beautifully. Its simplistic, operator friendly design, combined with excellent after sale support has made it a great addition to our fleet. Our new DY 40 meter will be debuting at the 2019 World of Concrete."

Larry Keim **President @ Keim Concrete Pumping**

"I run multiple DY pumps (57m, 43m, 38m, 37m, 33m) in my fleet. With the best customer service in the industry, I plan on adding many more DY's to my fleet. "

Trevor Mooney **Vice President @ Dynamic Concrete Pumping Inc.**

"I used to buy Schwing and Putzmeister pumps, I switched to Korean manufactured pumps in 2004 and have never looked back. As a pumper I'm all about value and making money. I started purchasing DY's in 2015 and have pumped concrete using every model DY offers. They are the best Korean built pump in the market and I plan on replacing my entire fleet with new DY's."

PHOTOS

DY SALES TEAM

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Ryan Malowney - Calgary, AB
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DEPENDABILITY YOU CAN COUNT ON.

LOCATIONS

Dallas, Texas Branch
5968 - E HWY 67
Alvarado, Texas, USA
76009

Parts, Service, Mounting

Tampa, Florida Branch
1902 N. 38 St.
Tampa. Florida, USA
33605

Parts, Service, Mounting

Canada Branch
10720-48St. SE
Calgary, AB, Canada
T2C 3E1

Parts, Service, Mounting, Engineering, Administration

YDY
Concrete Pumps Inc.

Dallas, Texas Branch
5968 - E HWY 67
Alvarado, Texas, USA
76009

Tampa, Florida Branch
1902 N. 38 St.
Tampa. Florida, USA
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