



WARRIOR™ CONCRETE AND SHOTCRETE PUMPS



PRODUCT OVERVIEW

A Warrior for Every Job

The full lineup of Warrior pumps provides a solution for every concrete and shotcrete pumping need.

The 400 and X400 models are equipped with a Cummins QSF2.8 Tier 4F engine that utilizes advanced technology removing the need for DEF fluid or a Diesel Particulate Filter (DPF). The 74hp engine allows a compact pump that can easily be towed and still perform like a Warrior. The 400 model caters to both concrete pumping and shotcrete work, while the X400 provides higher pressure needed for tougher shotcrete work.

The 500, 600 and X500 models are built around a Cummins F3.8 Stage V engine package that boasts 154hp. These models come standard with a tandem axle for easy towing. The X500 is an impressive package that is capable of high-volume shotcrete work.

The X600 is our flagship model and pushes the limits of performance. The Cummins B6.7 Stage V engine sets the standard for power and reliability. This pump excels at jobs that require pumping extremely long distances and difficult shotcrete mixes.

All models can be configured with several options such as carbide wear plates and rings, extending the time between regular maintenance intervals. The Graco auto-lube system helps extend the life of wear components and simplify operator maintenance. Other helpful options such as the Aarcomm remote system allow the operator to control the pump up to 1000 feet away. There simply isn't a better package for shotcrete that is easy to maintain, simple to use, and performs like a Warrior.



Warrior X400



Warrior X500



Warrior X600

FEATURES



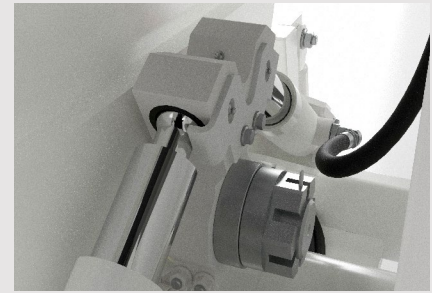
Clean Power

All Warriors feature class-leading Cummins diesel engine to meet the toughest emissions requirements and pump stiff shotcrete mixes extremely long distances. With power options from 74hp, 154hp, and 225hp, there is a solution that fits your budget and performance needs.



Simple Controls

The sealed control panel is designed to make operating the pump simple. An optional Aarcomm remote control gives the operator the ability to operate key functions of the machine up to 1000 feet away from the pump.



Smooth Shifting

The dual-shifting hopper provides smooth shifting and durability. Our newly redesigned shifting manifold increases shift speeds by over 50% which translates to more efficient pumping and less hose kick on the nozzle man.



Rugged Hopper

The cast swing tube has been strengthened to increase life and includes a unique wiper design to minimize concrete buildup in the hopper. The optional carbide wear plate and ring also provide a class-leading wear resistance.



Visible Flush Box

The flush box has a clear cover allowing quick viewing access. Helpful features such as our redundant proximity sensor setup allows you to keep pumping in case of sensor failure and avoid costly down time.



Auto-lube System

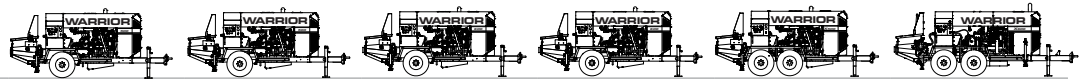
The optional auto-lube system helps simplify maintenance to the machine and reduce labor while extending the life of common wear components.



**For more information,
scan the code to visit
our website.**

With convenient online ordering, a team with several years of industry experience, and products that are built to last, you can be confident knowing that as a proud owner of a Warrior, you will always be taken care of.

SUPPORT



SPECIFICATIONS	400	X400	500	600	X500	X600
PERFORMANCE						
Maximum Concrete Output/Hour (cu. yds.)*	46	36	50	60	50	55
Maximum Concrete Pressure (psi.)	1,378	1,800	1,565	1,565	1,866	1,866
Maximum Hydraulic Pressure (psi.)	4,050	4,050	4,600	4,600	4,200	4,200
Maximum Aggregate Size (in.)	1.50	1.50	1.50	1.50	1.50	1.50
Concrete Cylinder Diameter (in.)	6.00	6.00	6.00	6.00	6.00	6.00
3.50" Differential Piston 2.00" Rod Diameter	●	—	●	●	—	—
4.00" Differential Piston 2.00" Rod Diameter	—	●	—	—	●	●
Concrete Cylinder Stroke Length (in.)	39.00	39.00	39.00	39.00	39.00	39.00
Maximum Pump Strokes/Minute	32	25	35	43	35	39
TECHNICAL INFORMATION						
Kawasaki Hydraulic Pump	112 cc/rev	112 cc/rev	112 cc/rev	140 cc/rev	140 cc/rev	200 cc/rev
Variable Volume Control	0 to Max	0 to Max	0 to Max	0 to Max	0 to Max	0 to Max
Hydraulic Tank Capacity (gal.)	65	65	65	65	65	80
Hydraulic System	Open Loop	Open Loop	Open Loop	Open Loop	Open Loop	Open Loop
Hopper Height (in.)	45.00	45.00	45.00	45.00	45.00	45.00
Outlet Diameter (in.)	5.00	5.00	5.00	5.00	5.00	5.00
POWERTRAIN						
Cummins Tier 4 Final F2.8 74 hp (No DEF Fluid Required)	●	●	—	—	—	—
Cummins Tier 4 Final / Stage V F3.8 154 hp	—	—	●	●	●	—
Cummins Tier 4 Final / Stage V B6.7 225 hp	—	—	—	—	—	●
Fuel Tank Capacity (gal.)	28	28	38	38	38	45
TRAILER						
Tandem Axle	○	○	○	○	○	●
Axle Type	Torsion	Torsion	Torsion	Torsion	Torsion	Torsion
Axle Capacity Rating (lbs.)	7,000	7,000	7,000	7,000	7,000	8,000 each
Tires	ST 235/80R16	ST 235/80R16	ST 235/80R16	ST 235/80R16	ST 235/80R16	ST 235/80R16
Brakes	Electric	Electric	Electric	Electric	Electric	Electric
Length (in.)	181.00	181.00	195.00	195.00	195.00	217.00
Width (in.)	71.00	71.00	71.00	71.00	71.00	77.00
Height (in.)	78.00	78.00	78.00	78.00	78.00	77.00
Weight (lbs.)	6,800	6,900	7,800	7,800	8,000	9,300
ADDITIONAL FEATURES						
Custom Powdercoat Paint	○	○	○	○	○	○
Wireless Aarcomm Remote Control	○	○	○	○	○	○
Running Boards	—	—	●	●	●	●
Graco Auto-lube System	○	○	○	○	○	○
LED Work Lights	○	○	○	○	○	○
Truck Mounted Frame	○	○	○	○	○	—
Tungsten Carbide Wear Plate & Ring	○	○	○	○	○	○
Black Aluminum Wheels	○	○	○	○	○	○
14-Ply Tires	○	○	○	○	○	○
Electric Grate Vibrator	○	○	○	○	○	○
Electronic Volume Control	○	○	○	○	○	○
Hydraulic Remixer	○	○	○	○	○	○
Hydraulic Rear Outriggers	○	○	○	○	○	○
Hydraulic Front Outriggers	—	—	—	—	—	○
Variable Speed Drive Fan	—	—	○	○	●	●

● = Standard
○ = Optional



Western Shotcrete Equipment Inc.
3026 South Scott Lane | West Haven, UT 84401
385.389.2630 | weshotcrete.com