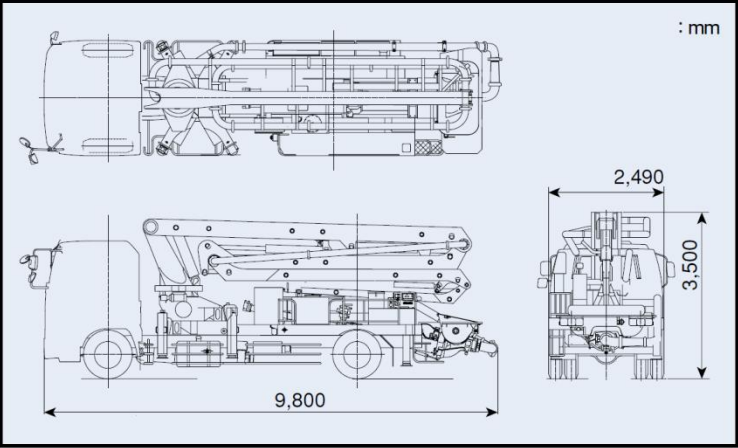


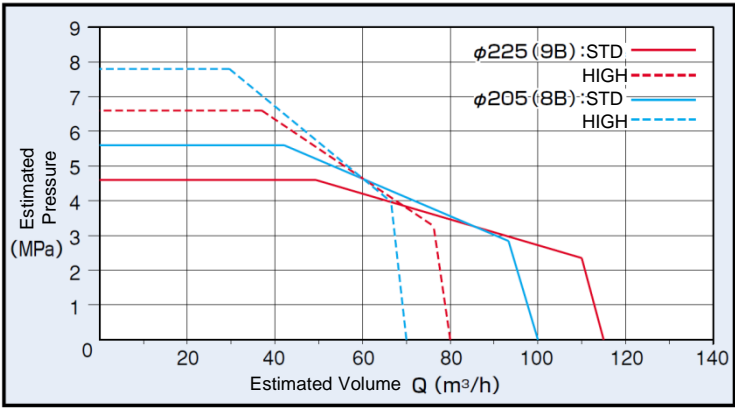
General Specifications

Model			P Y115A-26C	
Specifications			8B Specs	9B Specs
Performance	Max Output Volume (Output Vol. x Output Press.)	Std Pumping	100m³/h x 5.6 MPa	121m³/h x 4.6 MPa
		High Press. Pumping	70m³/h x 7.8 MPa	80m³/h x 6.6 MPa
	Excess concrete removal method		water	
	Max Aggregate Size		40mm	
Pump	No. of Concrete Cylinders		2	
	Cylinder Diameter x Stroke		Ø 205 x 1,650mm	Ø 225 x 1,650mm
	Hopper	Capacity	0.5m³	
		ground	Approx 1,250mm	
Water Pump	Water Tank Volume		400L	
	Type		Double action piston	
	For pipe clean	Max output	25m³/h	
		Max pressure	4.9 MPa	
	For vehicle clean	Max output	40L/min	
		Max pressure	4.9 MPa	
Boom	Type		Fully Hydraulic 4 section foldable	
	Max height		21.8m	
	Max height (from ground)		25.8m	
	Rotation angle		360° max rotation	
	Operation method		Electromagnetic Hydraulic (for both manual & remote)	
	Concrete pipe diameter		125A	
Outrigger	Type		Manual slide/Hydraulic Jack	
	Extension Span	Front	5,430mm	
		Center	5,430mm	
		Rear	2,200mm (fixed)	
	Jack Counterforce	Front	127kN (20t)	
		Rear	157kN (20t)	
Assist		78kN (8t)		
Other	Operation method		PLC Control Panel	
	Chassis type		GVW16t class (8t class Rated Load)	
	Body Length		Approx 9,800mm	
	Body Width		Approx 2,490mm	
	Body Height		Approx 3,500mm	
	Crew		3 people	
	Total Weight		Approx 16,765kg	

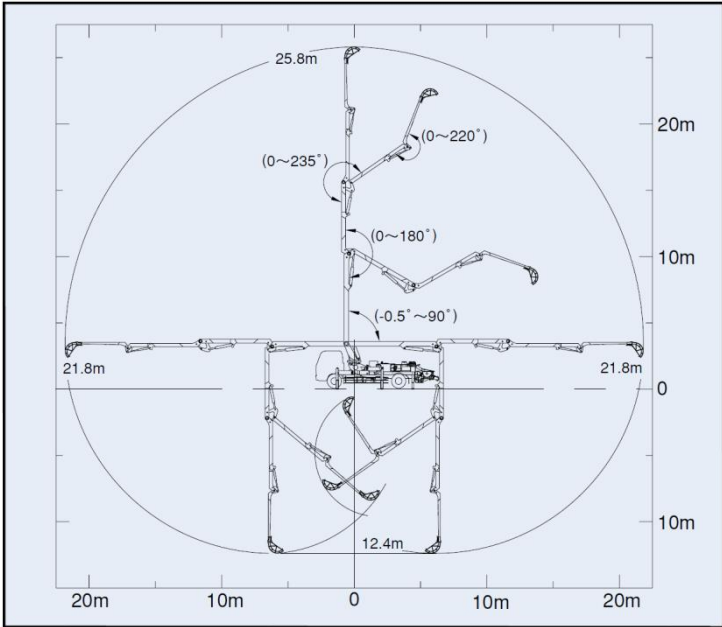
External View



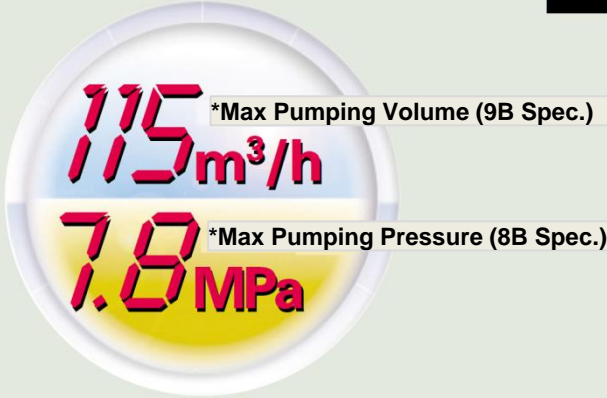
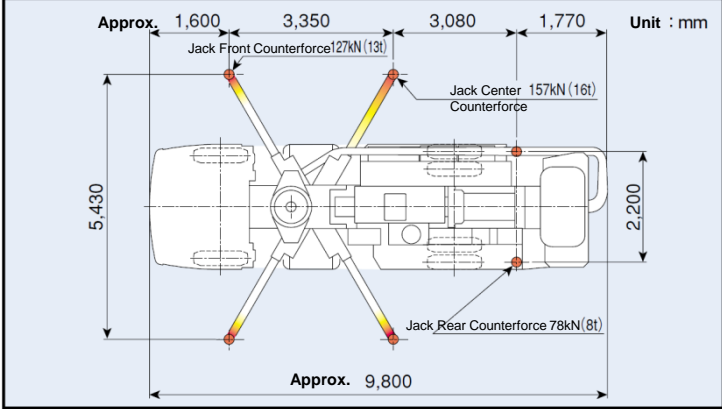
Pumping Capacity



Boom Operating Parameters



Method for Set Up



PISTON CRETE<sup>®</sup>  
PY115A-26C



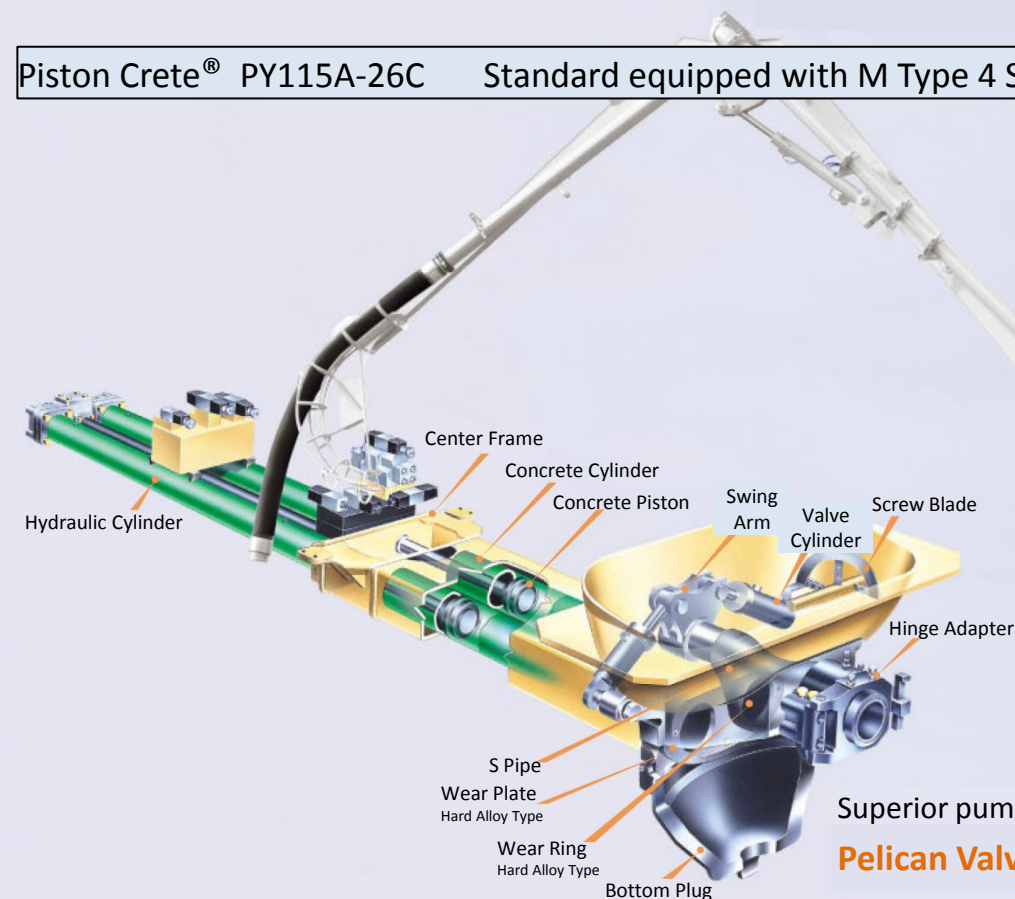
Includes photos showing optional features  
Some photos have had image and color enhancements

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## New improved operation. Fully equipped.

Piston Crete® PY115A-26C Standard equipped with M Type 4 Section Boom



Superior pumping performance.  
**Pelican Valve provides the answer!**

\*Illustration intended as a guide only. May vary to actual equipment.

- Std. equipped concrete pump (Max. pump vol. 115m³/hr)
- Reduced boom vibration with Kyokuto AntiVibration System
- Max. height 25.8m M Type 4 section boom
- Outriggers equipped with wide moment area stability
- One-touch high/standard pressure transition switch
- Screw Blade with auto-reverse
- Hopper Blade with automatic safety stop
- Power efficient digital remote
- Counter-balance valve for enhanced safety

**BOOM-4 26m**  
**EQUIPPED WITH M TYPE 4 SECTION BOOM**  
With the M Type 4 Section boom the operator can benefit from smooth movement and ease-of-use and utilize the shortest route for boom extension.

**ABRASION DETECTION**  
**ELBOW WITH ABRASION DETECTION CAVITIES**  
The long elbow bend parts of the boom concrete pipe are equipped with abrasion detection cavities. These are designed to reduce pipe friction and increase the flow of concrete. The boom pipe is a perishable item (pipe, elbow and joints) and regular inspection/replacement is recommended.  
Note: detection cavities to be used as a guide only

**PASS-THROUGH TYPE BOOM**  
Having the piping pass through the boom hinge provides enhanced weight balance and decreased levels of vibration.

**OIL COOLER**  
**OIL COOLER**  
Equipped with large size oil cooler for more Effective cooling.  
Ideal for continuous pumping.

**COUNTER-BALANCE VALVE**  
These counter-balance valves (see red arrows in picture) meet Japan Industry Standards (JIS) and are attached directly to both ends of the cylinder. They provide the role of preventing accidents in the unlikely event there is a problem with the hydraulic pipe by holding the cylinder, or if the boom falls.

**KAVS AntiVibration System**  
Boom vibration increases the more the boom is extended during pumping. With our original KAVS Damping Control System, vibration is kept under control with the effect of hydraulically controlled suspension. This gives the boom better durability and provides a less stressful working environment for the operator.  
※KAVS:Kyokuto AntiVibration System

**High Pressure Water Pump**  
High pressure water pump that can be used at the same time as the concrete pump (including while pumping).

**DIGITAL REMOTE CONTROL**  
Standard equipped with power efficient type digital remote control. Ideally suited for making on-site operations easy with automatic frequency change functionality.

**PLC CONTROL PANEL**  
**With one-touch high/standard pressure transition switch**  
The control panel is positioned where it is easy to see and easy to use, allowing for exceptional pumping. It is equipped with digital display output volume meter showing the amount of raw concrete being pumped. It is also standard equipped with a slow start mechanism as well as auto acceleration and slow mode acceleration for energy efficiency. The transition from standard pumping to high pressure pumping can be done with the flick of a switch.

**DISPLAY LIGHTS**  
Display lights warn the surrounding area of the operating status of the equipment, with the green light on while operating, and red light on when operation is stopped. This is important while operating using the remote.

**SCREW BLADE**  
**Screw Blade with Auto Reverse Mechanism**  
Standard equipped with a screw blade with auto reverse mechanism for a uniform quality of concrete. A lot of consideration has been given to remote operation with the combination of the power of the auto reverse mechanism with the superior screw type blade's ability to push concrete.

**HOPPER BLADE SAFETY SENSOR**  
**Hopper Blade Automatic Safety Stop**  
Standard equipped with this automatic safety stop. The hopper blade stops rotating when the hopper screen is opened. Meets Japan industry (JIS) standards.

**HOPPER LEVEL SENSOR**  
**Hopper Level Sensor**  
Concrete that has absorbed air can be very dangerous as it can splatter when being pumped. This level sensor will stop the pump if the concrete level becomes low.

**STOP! EMERGENCY STOP BUTTON**  
**Emergency Stop Button**  
Conveniently positioned beside the hopper for use in any emergency situation to halt all operations including the hopper blade, pump and boom, providing an even higher level of safety.

# Utility Equipment

