



Watching Video

Concrete Pump / Boom Pump

ECP42CX-5

Boom Type

5 section ZR folding

Vertical Reach

42m

Horizontal Reach

36.3m

Depth Reach

27.7

Delivery Pipe Diameter

125mm

Slewing Range

360°

Outrigger

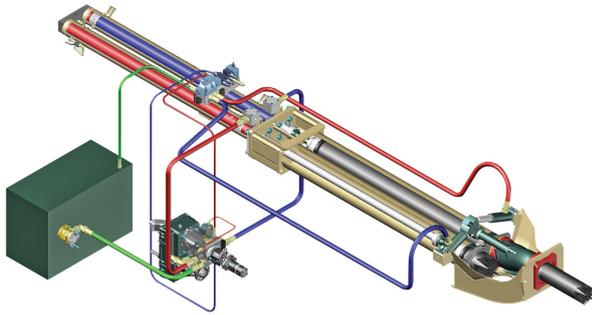
X-extension (Front)

Swing-type (Rear)



EVERDIGM

FFH SYSTEM (Free Flow Hydraulic)



Direct connecting main pump and hydraulic cylinders improve pumping efficiency

SN valve controls peak pressure

Less peak pressure

No need of big oil tank

Cut down maintenance cost

Control zero to full all output

Easy and precise operation

POH valve makes switching speedy and smooth

Less Boom bouncing

No hydraulic oil overheated

Longer life on consumable parts

Applying Suction filter

Prevent contamination in main pump

Centralized pumping controller

Easy access and maintenance

FEATURES

PUMPING UNIT

Closed-loop System

Inductive Proximity Switch with Indicator

Single Lip Concrete Piston

Hard-chromed Concrete Cylinders

BOOM & STRUCTURE

Diagonal Extension Front Outrigger

Swing Rear Outrigger

Outrigger Pilot Check Valves

Hydraulic Motor and Gear at Boom Slewing

High Pressure End Hose (Both End Coupling, 3m)

Boom & Deck Pipe Dia. 125mm

Greasing Port on Boom Link and Pedestal

Bubble Gauge on each Side of Unit

Cleaning Port and Sponge Ball

Water Pump, Cleaning Hose, Water Tank

Outrigger Pads with Compartment

Night Light Kit on Pedestal

HOPPER

EZ Clean Hopper with Hi Manganese Paddle

Auto Lubrication System for Hopper

600 liter Volume Hopper

S-tube 200mm to 180mm

Tungsten Carbide for Wear Ring and Plate

Night Light Kit for Hopper

CONTROL KIT

Cable Remote Control (40m Cable)

Radio Remote Control, Proportional

Remote ON/OFF Pumping

Remote Engine ON/OFF

Infinite Variable RPM Control

Boom - Manual Control Block and Remote Control

Outrigger - Manual Control Block on each Side of Unit

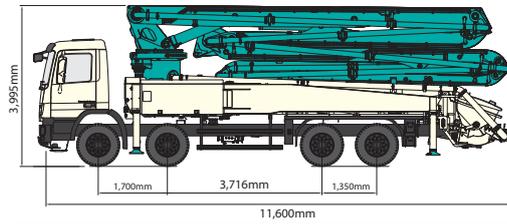
E-stop and Horn Switch

Electric Control Box with Separate Local Controller

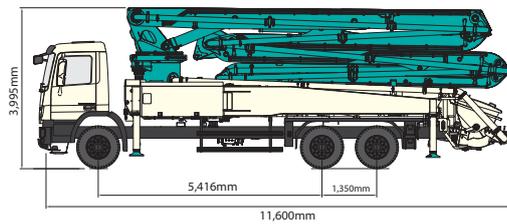
Pneumatic Solenoid Valve for PTO Control

SPECIFICATIONS

DIMENSIONS



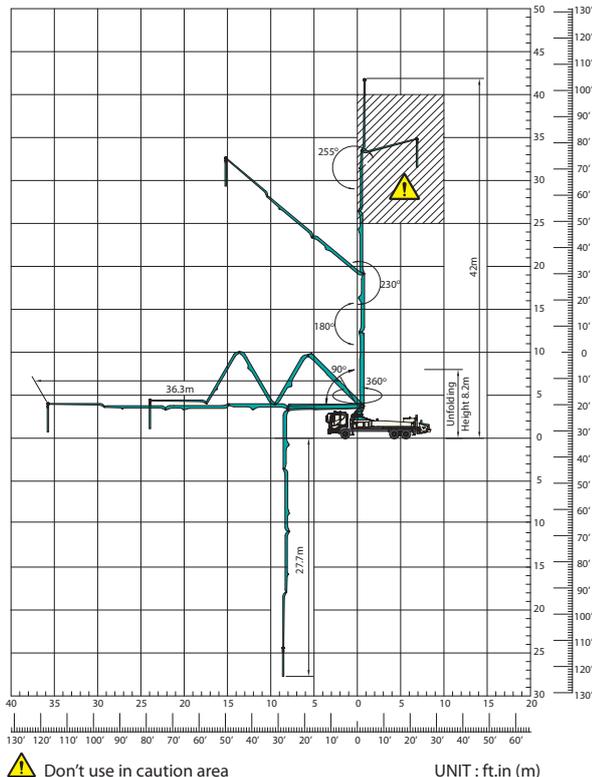
Front Axle Payload	12,037kg
Rear Axle Payload	18,103kg



Front Axle Payload	8,927kg
Rear Axle Payload	20,016kg

* Weight and dimension figures here are subject to change on various chassis option and additional axle application etc.

WORKING RANGE



⚠ Don't use in caution area

PUMP

Pump Cell	2114	2116
Hydraulic Control System	Closed Free Flow Hydraulic	
Hydraulic Main Pump	A4VG180	A4VG125HDx2 (Tandem)
Concrete Cylinder	Dia. 230mm Stroke 2,100mm	
Drive Cylinder	Tube Dia.230mm	Tube Dia. 230mm Stroke 2,100mm
Theoretical Concrete Output	140m ³ h	160m ³ h
Theoretical Concrete Pressure	70bar	85bar
Transfer Tube Type	S-tube, S2018 (Dia 200 to 180mm)	
Volume of Hopper	600L	

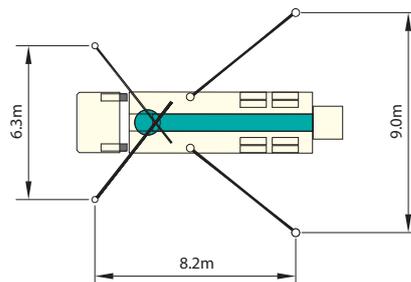
BOOM

Boom Type	5 section ZR folding
Max. Vertical Reach	42m
Max. Horizontal Reach	36.3m
Max. Depth Reach	27.7m
Unfolding Height	8.2m
End Hose	3m
Delivery Pipe Dia.	125mm
Slewing Range	360deg.

OUTRIGGER

Front Outrigger Type	Diagonal Extension
(Full Spreading Width)	(6.3m)
Rear Outrigger Type	Swing (9m)
(Full Spreading Width)	

OUTRIGGER SPREAD



EVERDIGM

EVERDIGM is large sized company with \$250M turnover providing customers across the world with its quality products. EVERDIGM has been working and growing based on the platform of advanced quality, professionalism and real satisfaction. Standing behind the customers taking responsibility at all stage its product life cycle is EVERDIGM's commitment.

Build the Future

The spirit, "build the future", enables EVERDIGM to make a remarkable growth over 80 countries now. EVERDIGM offers the best value concrete pump which is key to build the brighter future for dealers and customers.

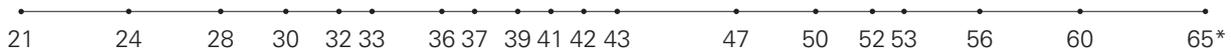
Concrete Pump

- Free Flow Hydraulic System
- Boom Pump Ranging from 21M to 65M
- Placing Boom of Various Design
- High Pressure Trailer and Line Pump



Truck Mounted Boom Pump Line-up (Max. Vertical Reach)

Unit : m



*Plan to release in 2013

Trailer Pump Line-up (Max. Concrete Pressure)

Unit : bar



Line Pump Line-up (Max. Concrete Pressure)

Unit : bar



Placing Boom Line-up (Max. Horizontal Reach)

Unit : m



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