



Watching Video

Concrete Pumps / Boom Pumps

# ECP43RX

## Boom Type

4 section R-folding

## Vertical Reach

43m

## Horizontal Reach

38.2m

## Depth Reach

28.7m

## Delivery Pipe Diameter

125mm

## Slewing Range

360°

## Outrigger

Diagonal extension (Front)

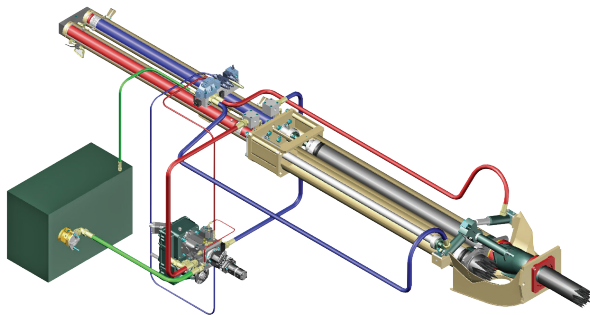
Swing-out (Rear)



# EVERDIGM

## FFH SYSTEM (Free Flow Hydraulic)

This type of FFH Hydraulic Pressurized Systems combined with **Rexroth**<sup>®</sup> pumps and **Hawe**<sup>®</sup> boom control block is widely recognized to all over the world due to efficiency and stability. Currently Everdigm Pumps are applying these systems for longtime and widely known and also proven the products to everyone. Based on these facts FFH systems are used all over the world and mostly welcomed. Efficient pumps, less boom bouncing and less noise for while it operates. As above all, these reasons they are providing comfortable working area.



## FEATURES

### PUMPING UNIT

- \_\_\_\_\_ Closed-loop Free Flow Hydraulic System
- \_\_\_\_\_ Inductive Proximity Switch and Indicator
- \_\_\_\_\_ Single Lip Concrete Piston
- \_\_\_\_\_ Hard-Chromed Concrete Cylinder

### BOOM & STRUCTURE

- \_\_\_\_\_ 4 Stage R-Folding Boom
- \_\_\_\_\_ Diagonal Extension Front Outrigger (One Stage)
- \_\_\_\_\_ Swing Rear Outrigger (One Stage)
- \_\_\_\_\_ Outrigger Pilot Check Valves
- \_\_\_\_\_ Hyd. Motor and Gear Type Boom Slewing
- \_\_\_\_\_ High Pressure End Hose (3m)
- \_\_\_\_\_ Boom & Deck Pipe Diameter 125mm
- \_\_\_\_\_ Greasing Port on Boom Link and Pedestal
- \_\_\_\_\_ Bubble Gauge on Both Side
- \_\_\_\_\_ Water Pump, Water Tank, Cleaning Hose and Spray Nozzle
- \_\_\_\_\_ Working Light on Pedestal and Platform

### HOPPER

- \_\_\_\_\_ Easy Clean Type Hopper
- \_\_\_\_\_ Hi-Manganese Agitating Paddle
- \_\_\_\_\_ 600 Liter Volume Hopper
- \_\_\_\_\_ Hopper Outlet Diameter 180mm
- \_\_\_\_\_ S2018 Type S-tube (Dia.200-180mm)
- \_\_\_\_\_ Flap Elbow (Dia.180-150mm) with Cleaning Port
- \_\_\_\_\_ Reducing Pipe (150-125mm)
- \_\_\_\_\_ Tungsten Carbide Wear Ring and Plate
- \_\_\_\_\_ Hydraulic Agitator Motors on Both Side Hopper
- \_\_\_\_\_ Auto Lubrication
- \_\_\_\_\_ Working Light on Hopper

- \_\_\_\_\_ Direct connecting main pump and hydraulic cylinders improve pumping efficiency
- \_\_\_\_\_ Less peak pressure & less boom bouncing by peak pressure control
- \_\_\_\_\_ No need of big oil tank
- \_\_\_\_\_ Cut down maintenance cost
- \_\_\_\_\_ Applying suction filter
- \_\_\_\_\_ Prevent contamination in main pump
- \_\_\_\_\_ Centralized pumping controller
- \_\_\_\_\_ Easy access and maintenance

### CONTROL KIT

- \_\_\_\_\_ Wire Remote Control (40m Cord)
- \_\_\_\_\_ Wireless Remote Control (Proportional)
- \_\_\_\_\_ Remote ON/OFF Pumping
- \_\_\_\_\_ Remote ON/FF Engine
- \_\_\_\_\_ Infinite Variable RPM Control
- \_\_\_\_\_ Boom Control Block
- \_\_\_\_\_ Outrigger Control Block on Both Side
- \_\_\_\_\_ Emergency Stop Switch
- \_\_\_\_\_ Electric Main Control Panel and Local Controller
- \_\_\_\_\_ Pneumatic Solenoid Valve Type PTO Control
- \_\_\_\_\_ Stroke Changeover Switch

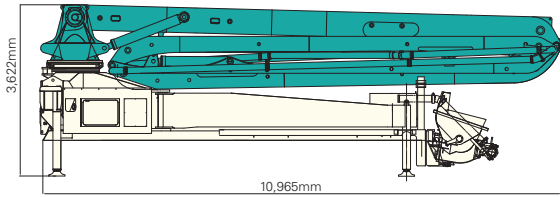
### OPTIONAL

- |           |   |
|-----------|---|
|           | _____ Twin Wall Pipe                                  |
| Boom      | _____ Auto Lubrication                                |
|           | _____ Working Light                                   |
|           | _____ One Side Support (OSS) System                   |
| Outrigger | _____ Rear Outrigger Auxiliary Fuel Tank              |
|           | _____ Pipe Storage Bracket on One Side Rear Outrigger |
|           | _____ Cover   |
| Hopper    | _____ Safety Device                                   |
|           | _____ Central Manual Lubrication                      |
|           | _____ Vibrator  |
|           | _____ Aluminum Platform                               |
| Platform  | _____ Handrail on Rear Step                           |
|           | _____ Spare Tire Storage Bracket                      |
| Paint     | _____ Customized Color                                |

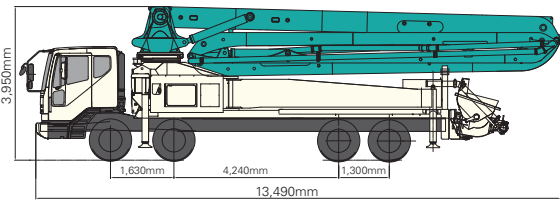
Note) For more optional item not mentioned above please consult the manufacture.

# SPECIFICATIONS

## DIMENSIONS



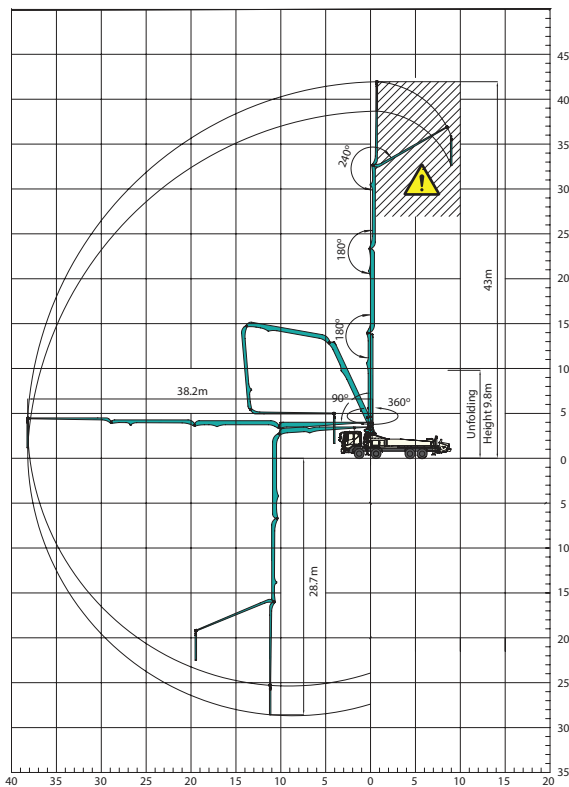
Pump unit Weight	22,400kg
Water Tank Capacity	400L



Front Axles Loading Weight	12,800kg
Rear Axles Loading Weight	20,200kg

\* 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

UNIT : m

## PUMP

Pump Cell	2114	2116
Control System	Closed Free Flow Hydraulic	
Main Pump	A4VG180	A4VG125X2
Concrete Cylinder (mm)	Dia.230	230
	Stroke 2,100	2,100
Drive Cylinder (mm)	Dia.130	140
	Stroke 2,100	2,100
Theoretical Concrete Output (m <sup>3</sup> /h)	140	160
Theoretical Concrete Pressure (bar)	70	85
Stroke No. (per minute)	26	30
Transfer Tube Type	S-Tube, S2018 (Dia. 200-180mm)	
Hopper Volume (liter)	600	600

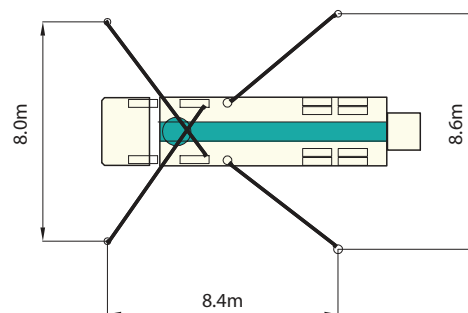
## BOOM

Folding Type	4 Stage R-folding
Slewing Angle	360deg.
Max. Vertical Reach	43m
Max. Horizontal Reach	38.2m
Max. Depth Reach	28.7m (incl. End Hose 3m)
Unfolding Height	9.8m
End Hose Length	3m
Delivery Pipe Dia.	125mm

## OUTRIGGER

Front Outrigger	One Stage Diagonal Extension
	Full Spread Width 8m
Rear Outrigger Type	One Stage Swing-out
	Full Spread Width 8.6m

## OUTRIGGER SPREAD



Note) Technical amendments are reserved. The specifications are subject to change with or without prior notice.

# 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.

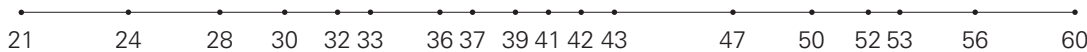
## Concrete Pump

- Free Flow Hydraulic System
- Boom Pump Ranging from 21M to 60M
- Placing Boom of Various Design
- High Pressure Trailer and Line Pump



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

Unit : m



### 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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