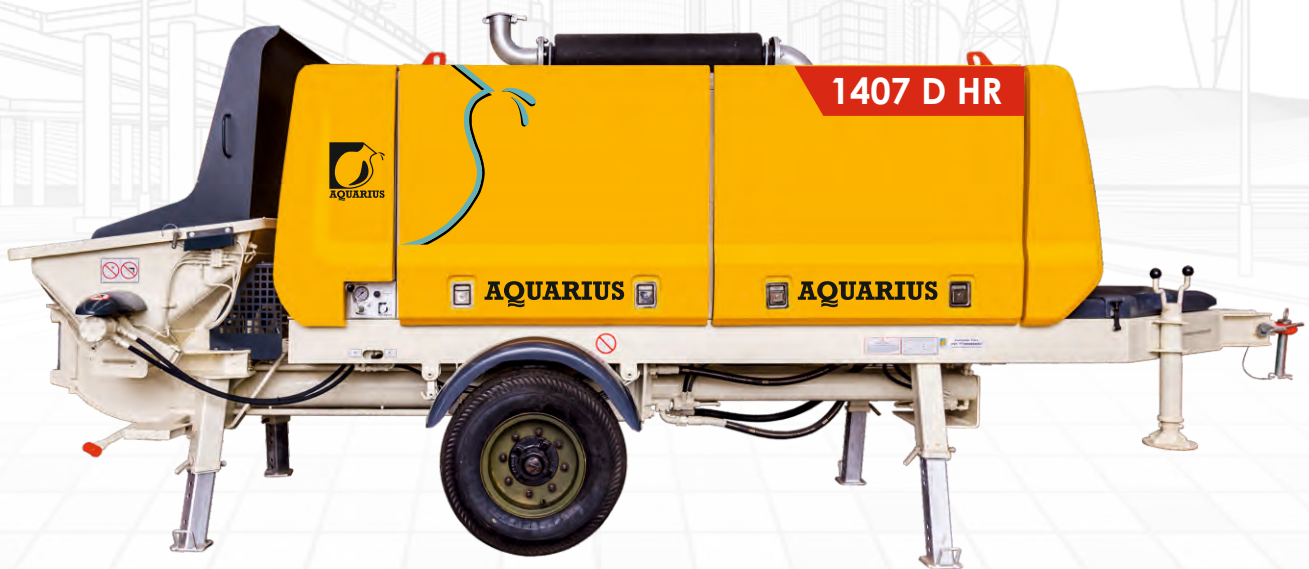


HIGH PRESSURE SERIES

1400 HPD, 1400 HPD+, 1407 D HR, 1407 D HR+



Scan for online catalogue

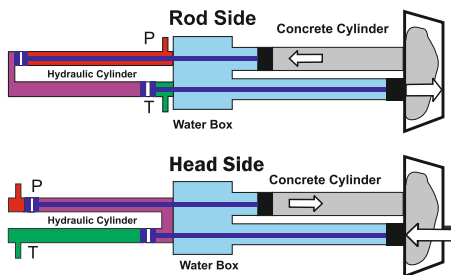
SALIENT FEATURES:

- New futuristic look with latest design
- Completely redesigned with many operation friendly features
- Substantial noise reduction
- Low operation cost
- Powerful agitator
- Very reliable equipment with long routine maintenance intervals
- Compact design and least towing length
- Safe water-cleaning system
- Hard-faced wear parts for longer life
- Variable concrete output, from minimum to maximum
- Uninterrupted operations even if electrical system malfunctions
- Innovative flap straight design with cleaning port
- Lower number of strokes
- Largest core pump in this class with 200 mm diameter concrete cylinder
- Pump regulator protects the hydraulic system from over-heating & engine from overloading

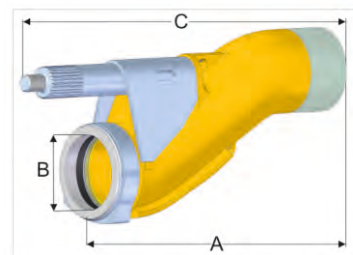
ADDED FEATURES:

- Higher Capacity jack
- Foot rest for hopper
- Gas springs and locks for canopy
- Shifting cylinder cover for better safety
- Grill provided for engine cover
- Built-in toolbox
- Efficient splash guard design
- Mudguard on tyre
- Engine hour & Pump hour meter

Hydraulic Pressure Application

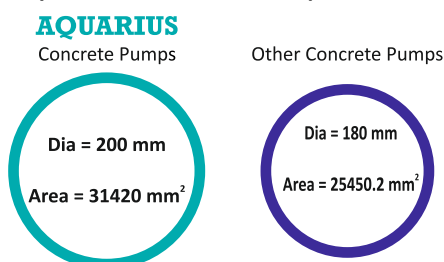


Largest & Longest 'S' Valve



Size	A	B	C
Size	685	200	943

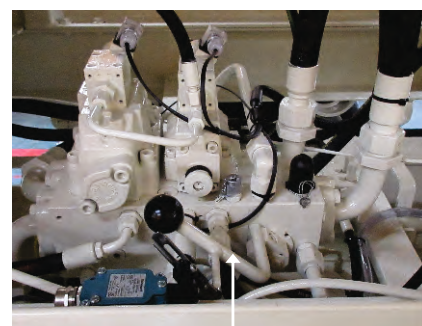
Cylinder Diameter Comparison



Aquarius Pump Cylinders have larger area than others by 23.5%



Worldwide Preferred 'S' Valve Technology

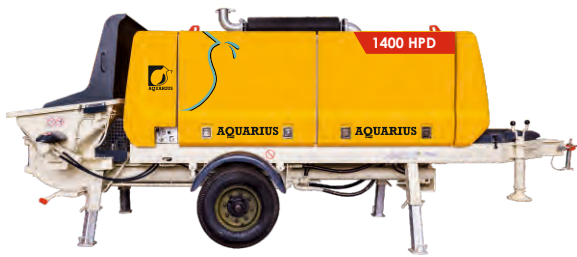


Variable Output Regulator



Agitator

DATA SHEET



Parameters	Unit	1400 HPD
Prime Mover	KW	165
Theoretical Output	m ³ /hr	56/37*
Del Cylinder Diameter	mm	200
Del Cylinder Stroke	mm	1400
No. of Strokes	per min	21/14
Hydraulic Transmission	Road Side	1:3.03
	Head Side	1:2.0
Concrete Pressure	bar	108/160*
Concrete Hopper Capacity	L	600
Delivery Distance**	Horiz	m 1100
	Vert	m 275

*Values for hydraulic fluid being fed to piston side.

**Distances to be read as either horizontal or vertical.

The concrete should be pumpable & follows DIN 1405 standard.

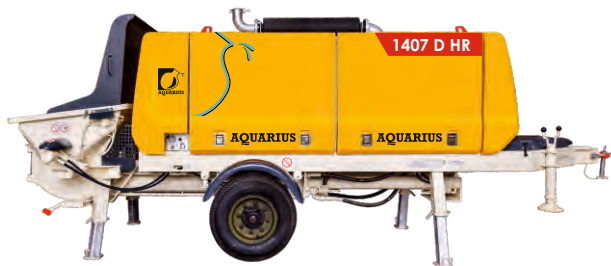


Parameters	Unit	1400 HPD+
Prime Mover	KW	195
Theoretical Output	m ³ /hr	58/39*
Del. Cylinder Diameter	mm	200
Del. Cylinder Stroke	mm	1400
No. of Strokes	per min	22/15
Hydraulic Transmission	Road Side	1:3.03
	Head Side	1:2.0
Concrete Pressure	bar	116/172*
Concrete Hopper Capacity	L	600
Delivery Distance**	Horiz	m 1200
	Vert	m 300

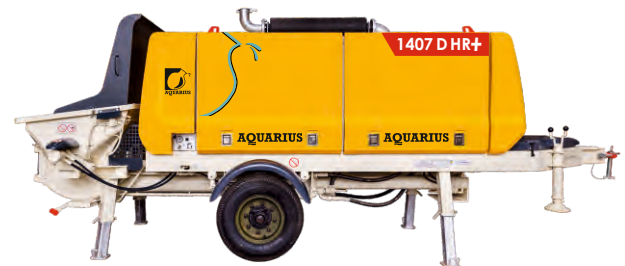
*Values for hydraulic fluid being fed to piston side.

**Distances to be read as either horizontal or vertical.

The concrete should be pumpable & follows DIN 1405 standard.

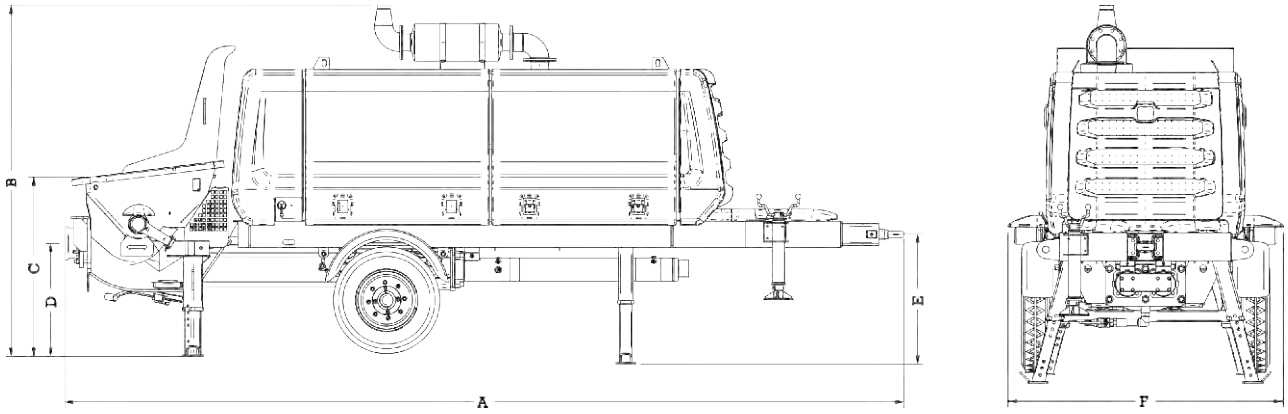


Parameters	Unit	1407 D HR
Prime Mover	KW	132
Theoretical Output	m ³ /hr	64/45*
Del Cylinder Diameter	mm	200
Del Cylinder Stroke	mm	1400
No. of Strokes	per min	25/17*
Hydraulic Transmission	Road Side	1:4.9
	Head Side	1:3.3
Concrete Pressure	bar	71/106*
Concrete Hopper Capacity	L	600
Delivery Distance**	Horiz	m 800
	Vert	m 200



Parameters	Unit	1407 D HR+
Prime Mover	KW	132
Theoretical Output	m ³ /hr	58/36*
Del Cylinder Diameter	mm	200
Del Cylinder Stroke	mm	1400
No. of Strokes	per min	22/14*
Hydraulic Transmission	Road Side	1:3.8
	Head Side	1:2.3
Concrete Pressure	bar	88/142*
Concrete Hopper Capacity	L	600
Delivery Distance**	Horiz	m 950
	Vert	m 235

TECHNICAL DRAWING



DIMENSIONS

MODEL	~A	~B	~C	~D	~E	~F
I400 HPD, 1407D HR/HR+	6395	2664	1360	860	940	1990
I400 HPD+	6395	2835	1360	860	940	1990

SITE IMAGES



PRODUCT RANGE WITH MODELS

STATIONARY CONCRETE PUMPS

703D, 704D, 1004D SHP, 1405D, 1407D



HIGH PRESSURE STATIONARY CONCRETE PUMPS

1400 HPD, 1400 HPD+,
1407 D HR, 1407 D HR+



VIDYUT CONCRETE PUMPS

1003 E, 1405 E, 1406 E, 1400 HPE



MOBILE LINE PUMP

1004 D SHP MOLI+, 1405 D MOLI+,
1407 D MOLI+, 1407 D HR MOLI+



TRUCK MOUNTED BOOM PUMP

M 20 Z, 37 ZX, 40 ZX



STATIONARY BOOM PLACERS

SB 32, SB 36



COMPACT BATCHING PLANTS

Z 30, X1, X1.25



SUPER MOBILE BATCHING PLANTS

T 21 & T 30



COMPARTMENT BIN PLANTS

MP 30, MP 40, MP 60, MP 70



INLINE BIN PLANTS

SKIP SERIES: SP30, SP40, SP60, SP70



INLINE BIN PLANTS

CONVEYOR BELT SERIES: SP 60C, SP 60C, SP 70C,
SP 90C, SP 120C



CONCRETE WASH

CW 10



Scan for Product video