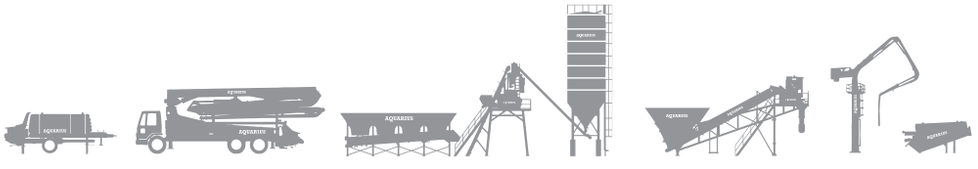
AQUARIUS

www.aquariusengineers.biz

AQUARIUS

Trusted since 1997



We Are Aquarius:

Aquarius Engineers is a leading Indian construction equipment company established in 1997.

We take pride in designing and delivering Stationary Concrete Pumps, Truck Mounted Boom Pumps, Concrete Batching Plants and accessories, that meet international quality standards, to Indian and international customers. Our wide range of products are designed using state-of-the-art technologies relevant to the needs of the markets we cater to.

Driven by a clear vision to be the most trusted knowledge and equipment source in the field of concrete production, conveying and placement, Aquarius has grown every year for more than 2 decades. With the same zest and commitment, we pledge to keep improving our products & services to our existing and new customers.

All our machines are designed, produced and validated at our state-of-the-art technology centers at Pune and Goa

Pune Plant

Goa Plant

Works:

Plant I
190, 191 Kundaim Industrial Estate, Kundaim,
Goa – 403 115

Plant II
S. No. 480, 481, 482
Ambadwet, Tal. Mulshi,
Dist. Pune – 412 111

WAREHOUSE
S. No. 480, 481, 482
Ambadwet, Tal. Mulshi,
Dist. Pune – 412 111

About us :

We have State-of-art manufacturing plants at Pune and Goa spread out over 14,000 sq.m. and 40,000 sq.m. of land respectively, focused on manufacturing advanced technology, robust construction equipment, that meet stringent national & international quality standards. Aquarius operates on an all India canvas with regional sales & service offices spread across the country. Aquarius is proud to offer an excellent round-the clock after-sales service and spare part support to our domestic and international customers. Knowledge and safety is a focus area at Aquarius and we offer monthly operator training programs to ensure maximum benefit to customer by ensuring operator and best machine performance at site.

The Management System is Certified by

ISO 9001: 2015	Quality Management System
ISO 14001: 2015	Environment Management System
ISO 45001: 2018	Occupational Health and Safety Management System

The Management System at Pune Factory and Corporate Office is also certified by **ISO 9001: 2015**

AQUARIUS products also have CE certification:

CE

CE Certification

Products:

- **STATIONARY CONCRETE PUMPS**
- HIGH PERFORMING SERIES
- HIGH PRESSURE SERIES
- ELECTRIC SERIES (VIDYUT)
- **MOBILE LINE PUMPS**
- **TRUCK MOUNTED BOOM PUMPS**
- **TRUCK MOUNTED BOOM PUMPS (VIDYUT)**
- **BATCHING PLANTS**
- COMPACT BATCHING PLANTS
- COMPARTMENT BIN PLANTS
- SUPER MOBILE BATCHING PLANTS
- INLINE BIN PLANTS (SKIP SERIES, CONVEYOR BELT SERIES)
- **STATIONARY BOOM PLACERS**
- **CONCRETE WASH**

Our Mission:

To bring state-of-the-art technology products, services and expertise to the industry we serve, with a focus on delivering complete and reliable solutions to our customers, with the intention of adding value to their businesses and becoming their long-term partners.

Our Vision:

To be the most trusted knowledge and equipment source in the field of concrete production, conveying and placement in India. To continually invest in better technology, set-ups and engineering, to adopt, upgrade and deliver better solutions to our customers.

Our Values:

Integrity: We will be among the most trusted companies in our area of business. We will be honest, transparent and ethical in our conduct.

Passion for Excellence: Our products and services will aim at harnessing the latest relevant technologies and the highest standards of quality in our area of business, with due consideration to our safety and environmental responsibilities. We will value and promote meritocracy.

Reliability: We will focus on delivering complete and reliable solutions to our customers, with the intention of adding value to their businesses and becoming their long-term partners.

Customer Focus: Our customers are the reason for our success. We commit to listen and respond positively to their needs.

Adaptability: We are open to change and welcome new ideas from our employees, customers and others. We will explore new ways to continually grow our business through teamwork and collaboration.

AATMA-NIRBHAR
BHARAT
वसुधैव कुटुम्बकम्
ONE EARTH • ONE FAMILY • ONE FUTURE

THINK CONCRETE
THINK AQUARIUS

MOBILE LINE PUMPS - MOLI

1405 D SUPER, 1405 D PRIME,
1407 D, 1407 D HR

SALIENT FEATURES

Easy Hopper Cleaning
Easy-clean hopper design ensures faster, hassle-free maintenance.

Easy Pipeline Cleaning
Innovative flap straight design with cleaning socket for easy pipeline cleaning

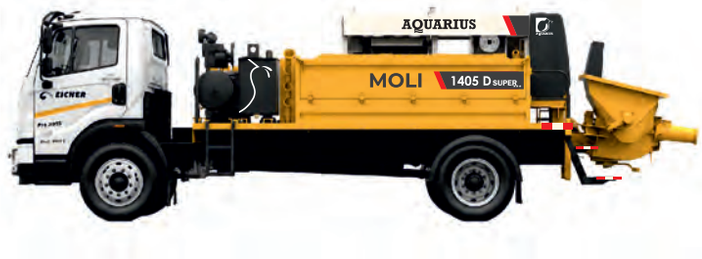
Adequate Storage
Designed to carry delivery pipelines, bends, toolbox, and essential accessories efficiently.

Ergonomics Design & Control Panel
Accessibility of control panel from ground level, no need to climb on the machine

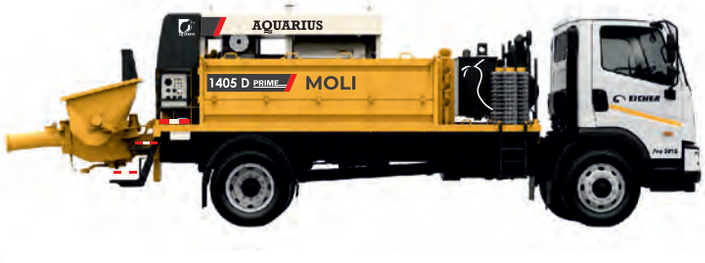
Total Accessibility
Fully downward side openable doors giving better reach near delivery pipe locations

Integrated Cleaning System
Air compressor, storage tank, and water pump ensure efficient pipeline cleaning.

DATA SHEET



Parameters		Unit	1405 D SUPER
Drive			Diesel
Prime Mover		kW	49
Theoretical Output		m³/hr	51/35*
Del. Cylinder Diameter		mm	200
Del. Cylinder Stroke		mm	1000
No. of Strokes		per min	27/18*
Hydraulic Transmission		Rod Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	61/91*
Concrete Hopper Capacity		Ltrs	500
Delivery Distance	Horizontal	m	400
	Vertical	m	100
GVW		kg	10000+
Wheel Base		mm	3600+
Chassis Frame Width		mm	860+



Parameters		Unit	1405 D PRIME
Drive			Diesel
Prime Mover		kW	49
Theoretical Output		m³/hr	51/35*
Del. Cylinder Diameter		mm	200
Del. Cylinder Stroke		mm	1400
No. of Strokes		per min	19/13*
Hydraulic Transmission		Rod Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	61/91*
Concrete Hopper Capacity		Ltrs	600
Delivery Distance	Horizontal	m	500
	Vertical	m	125
GVW		kg	11000+
Wheel Base		mm	4200+
Chassis Frame Width		mm	860+

Parameters		Unit	1407 D
Drive			Diesel
Prime Mover		kW	82
Theoretical Output		m³/hr	65/45*
Del. Cylinder Diameter		mm	200
Del. Cylinder Stroke		mm	1400
No. of Strokes		per min	25/17*
Hydraulic Transmission		Rod Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	71/106*
Concrete Hopper Capacity		Ltrs	600
Delivery Distance	Horizontal	m	500
	Vertical	m	150
GVW		kg	11000+
Wheel Base		mm	4200+
Chassis Frame Width		mm	860+

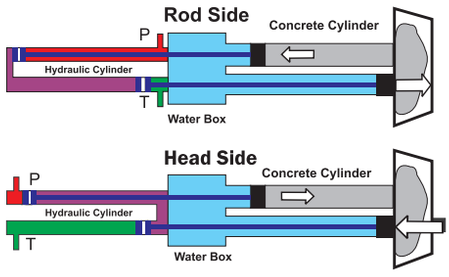
Parameters		Unit	1407 D HR
Drive			Diesel
Prime Mover		kW	132
Theoretical Output		m³/hr	65/45*
Del. Cylinder Diameter		mm	200
Del. Cylinder Stroke		mm	1400
No. of Strokes		per min	25/17*
Hydraulic Transmission		Rod Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	71/106*
Concrete Hopper Capacity		Ltrs	600
Delivery Distance	Horizontal	m	600
	Vertical	m	150
GVW		kg	11000+
Wheel Base		mm	4500+
Chassis Frame Width		mm	860+

Note:
*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 1045 standard.

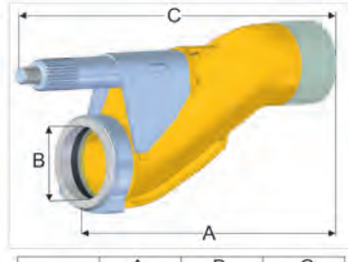
SALIENT FEATURES

- Low operation cost
- Powerful agitator
- Lower number of strokes
- Safe water-cleaning system
- Hard-faced wear parts for longer life
- Innovative flap straight design with cleaning socket
- Uninterrupted continuous operations even if electrical system malfunctions
- Infinitely variable concrete output, from minimum to maximum
- Largest core pump in this class with 200 mm diameter concrete cylinder
- Pump regulator provided to protect overheating of hydraulic system and overloading of engine
- Fully Hydraulic Controls used to reduce electrical components and increase reliability
- Pipeline cleaning is possible by water pumping
- Built-in with maximum flexibility for site-to-site movement
- Designed to carry delivery pipeline, bends, tool box and other accessories

Hydraulic Pressure Application

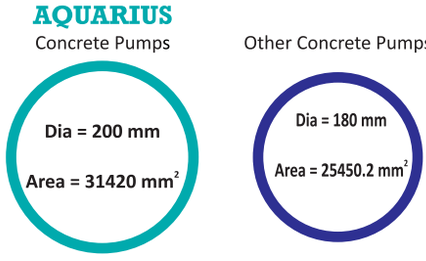


Largest & Longest 'S' Valve

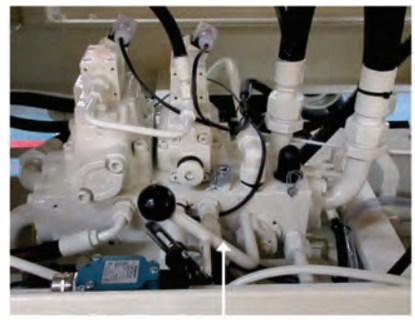


	A	B	C
Size	685	200	943

Cylinder Diameter Comparison

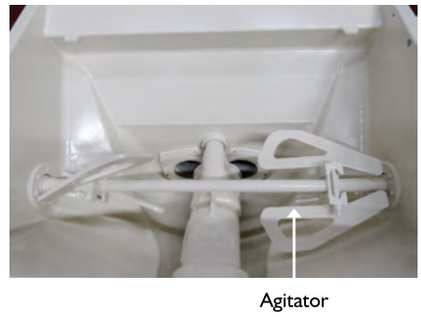


Aquarius Pump Cylinders have larger area than others by 23.5%



Variable Output Regulator

Worldwide Preferred 'S' Valve Technology



Agitator

PRODUCT RANGE WITH MODELS

HIGH PERFORMING STATIONARY CONCRETE PUMPS

703 D, 704 D, 1405 D SUPER, 1405 D PRIME, 1407 D

HIGH PRESSURE STATIONARY CONCRETE PUMPS

1400 HPD, 140O HPD+,
1407 D HR, 1407 D HR+

VIDYUT CONCRETE PUMPS

1003 E, 1405 E, 1406 E, 1400 HPE, 1400 HRE

MOBILE LINE PUMPS - MOLI

1405 D SUPER, 1405 D PRIME,
1407 D, 1407 D HR

TRUCK MOUNTED BOOM PUMPS

M 20 Z, 37 ZX, 40 ZX

STATIONARY BOOM PLACERS

SB 33Z, SB 36Z

COMPACT BATCHING PLANTS

Z 30, Z 45

COMPACT BATCHING PLANTS

X1, X1.25, X2, X2.5, X3

SUPER MOBILE BATCHING PLANTS

T 21 & T 30

COMPARTMENT BIN PLANTS

MP 30, MP 40, MP 60, MP 70

INLINE BIN PLANTS

SKIP SERIES
SP 30, SP 40, SP 60, SP 75

INLINE BIN PLANTS

CONVEYOR BELT SERIES
SP 45 C, SP 60 C, SP 75 C, SP 90 C, SP 120 C

CONCRETE WASH

CW 10

Scan for Product video

OUR NETWORK

REGIONAL CONTACT DETAILS

Ahmedabad
U-8, B Wing, Samudra Complex, Sardar Patel Colony, Off C. G. Road, Near Girish Cold Drink, Navrangpura, Ahmedabad 380 006

M: + 91 8411020218

Bhubaneswar
Plot No. D-8, Maitri Vihar, Bhubaneshwar 751 016
Tel.: +91 6742301330

M: +91 9372211002

Bengaluru
126 /127, 5th Cross, Doddamma Layout, Hulimavu, B.G. Road, Bengaluru Karnataka, 560076

M: +91 9611655330

Delhi
Plot No. 27, Ground Floor, Block – 7, Kirti Nagar Industrial Area, New Delhi 110 015
Tel.: +91 11 43306438

M: +91 9873333147

Hyderabad
S.Y. No. 400, Plot No. 31 & 32, IDA Kukatpally, Ayanna's Industrial Park, Prashanth Nagar, Hyderabad 500 037 (TG)

M: +91 9966629800

Indore
G-1, Surya Apartment, 193, Anoop Nagar, A. B. Road, Indore 452 008 (MP)

M: +91 8411020218

Chandigarh / Punjab
SCO-68, Choura Bazaar-2, Chandigarh Ambala Highway, Zirakpur 140 603 (Punjab)
Tel.: +91 7710777186

M: +91 7710777182

Kolkata
U-1/137, Baishnabghata Patuli Township, P. O. Panchasayar, P. S. Patuli, Kolkata 700 094
Tel.: +91 33 40612128

M: +91 9163999596

Mumbai
W414, T.T.C. Industrial Area, MIDC Industrial Area, Rabale, Navi Mumbai 400 701
Maharashtra

M: +91 8411020218

Raipur
H.No.117, Arihant Nagar, Near Pt. Deendayal Upadhyay Nagar, Sarona Over Bridge, Ring Road No.1, Raipur 492 001
Chhattisgarh

M: +91 8411020218

Ranchi
Building No. C-46, Harmu Housing Colony, Near Patel Park, Ranchi – 834 002, Jharkhand

M: +91 9372211002

Jaipur
Plot No KC-5,NIZI Khatedari, Narayan Vihar-K, Village Asarpura, Sanganer, Jaipur 302 020

M: +91 9828217557

Vizag
Plot No. M-1/I, B- Block, Autonagar, Visakhapatnam 530 012
Andhra Pradesh

M: +91 9966629800
+91 9000144063

Chennai
M: +91 9175935704

Cochin
M: +91 9175935704

Patna
M: +91 9163999596

Jamshedpur
M: +91 9372211002

Export
M: +91 8390900388

Pune
M: +91 9371641414
M: +91 9326565636

Goa
M: +91 9326565636

AQUARIUS GENUINE SPARE PARTS

At Aquarius, we strive to excel at and continuously improve our after-sales services and spare parts support. Aquarius is renowned for high-quality spare parts and highly responsive after-sales service. Fast turnaround time is our strength. We have an ERP-backed India-wide spare parts warehouse network, special spares stock for the Indian subcontinent market and an established spares support framework for other international customers.

18+
SPARE PARTS OUTLETS

Spares Support:
+91 97300 23236

125+
SERVICE ENGINEERS

Service Support:
+91 77989 86650

OUR INTERNATIONAL FOOTPRINT

10000+ MACHINE POPULATION*

- USA
- Algeria
- Argentina
- Bangladesh
- Bhutan
- Burundi
- Botswana
- Canada
- Colombia
- DR Congo
- Gambia
- Fiji
- Ghana
- Israel
- Kenya
- Lebanon
- Maldives
- Myanmar
- Nepal
- Nigeria
- Oman
- Philippines
- Papua New Guinea
- Puerto Rico
- Russia
- Rwanda
- Senegal
- Sri Lanka
- Somalia
- Seychelles
- South Sudan
- Tanzania
- Togo
- UAE
- Uganda
- Zambia
- Zanzibar

*Including sales in India

AQUARIUS ENGINEERS PVT. LTD.

Concrete Pumps, Batching Plants, Boom Pumps

An ISO 9001: 2015 Certified Company

'Aquarius House', Sheelavihar Colony, Off Karve Road, Pune 411 038. INDIA
Tel.: +91 20 2544 5227 / 28 Email: enquiries@aquariusengineers.biz
Web: www.aquariusengineers.biz

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CPC/AUG/2026/08