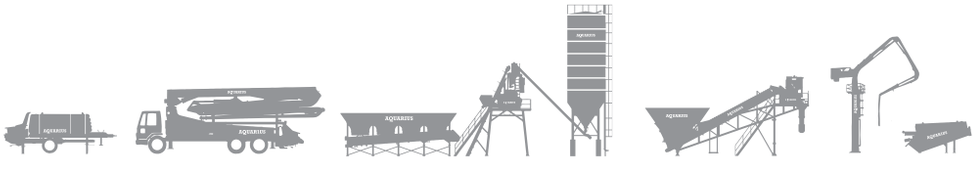
AQUARIUS

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**

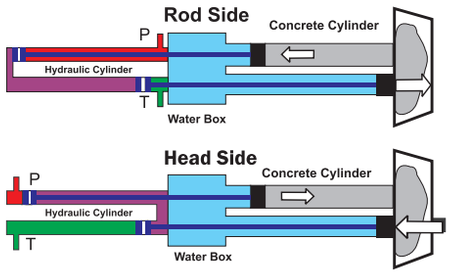
# MOBILE LINE PUMPS - MOLI

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

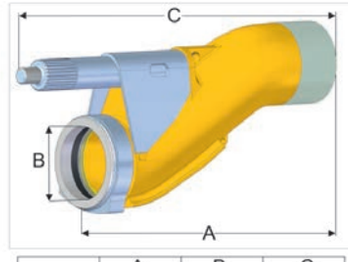
## SALIENT FEATURES

- 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

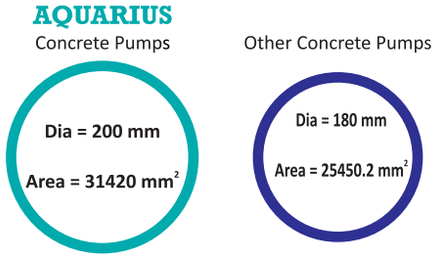



### Largest & Longest 'S' Valve

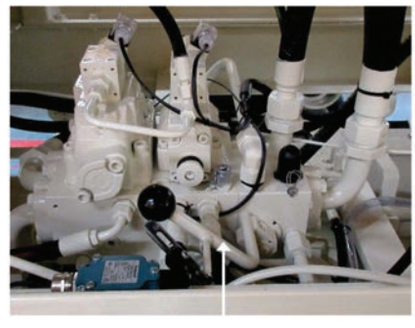



| | A | B | C |
|---|---|---|---|
| Size | 685 | 200 | 943 |

### Cylinder Diameter Comparison

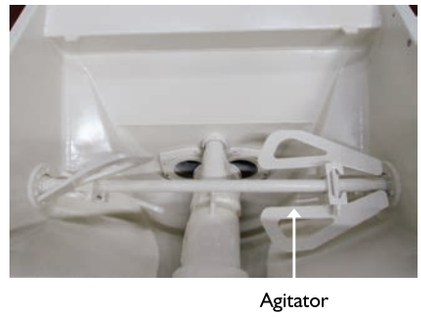



Aquarius Pump Cylinders have larger area than others by 23.5%



Variable Output Regulator

Worldwide Preferred 'S' Valve Technology



Agitator

# 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 MOLI |
|---|---|---|---|
| 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 MOLI |
|---|---|---|---|
| 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.

# SITE IMAGES

# 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 33, SB 36

### 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 70

### INLINE BIN PLANTS

**CONVEYOR BELT SERIES**
SP 60 C, SP 70 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
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M: +91 9163999596

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

M: +91 8411020218

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

M: +91 9828217557

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

M: +91 9966629800
+91 9000144063

**Chennai**
M: +91 9175935704

**Jamshedpur**
M: +91 9372211002

**Cochin**
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**Pune**
M: +91 9371641414
M: +91 9326565636

**Patna**
M: +91 9163999596

**Raipur**
M: +91 8411020218

**Goa**
M: +91 9326565636

**Export**
M: +91 8390900388

## 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.

**19+**
**SPARE PARTS OUTLETS**

Spares Support:
+91 97300 23236

**125+**
**SERVICE ENGINEERS**

Service Support:
+91 77989 86650

## OUR INTERNATIONAL FOOTPRINT

## **10000+** MACHINE POPULATION*

- USA
- Algeria
- Bangladesh
- Bhutan
- Burundi
- Canada
- Colombia
- DR Congo
- Gambia
- Ghana
- Israel
- Kenya
- Lebanon
- Maldives
- Myanmar
- Nepal
- Nigeria
- Oman
- Philippines
- Puerto Rico
- Russia
- Rwanda
- Senegal
- Sri Lanka
- Somalia
- 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**

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Web: www.aquariusengineers.biz

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CPC/DEC/2025/07