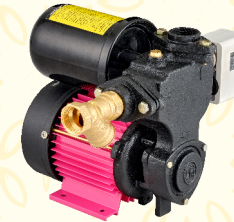




C.R.I. PUMPS
Pumping trust... Worldwide.

NEXT GEN
PRODUCTS

**Smart Pump for
Smart People**



Pressure Booster System | i-Smart Pump | Wastewater Pumps
Swimming Pool Pumps

NEXTGEN PRODUCTS | PERFORMANCE CATALOGUE



Vision, Mission and Values

To be the industry leader providing best-in-class fluid management solutions to individual and institutional customers and societies in our chosen markets.

We will achieve this through our dedicated efforts to enhance the welfare of all our stakeholders and by living by our values of **Commitment, Reliability and Innovation.**



ABOUT C.R.I.

C.R.I. ranks high among the world's fastest-growing fluid management solutions provider with a wide global presence. C.R.I. offers Pumps, Motors, IoT Driven Pumps, IoT Drives & Controllers, Pipes, Wires & Cables, Solar Pumps and Controllers to meet the pumping needs of its wide customer base.



60+ Years
of Engineering
Expertise



120+ Countries
have our strong
global presence



21+
Manufacturing Units
around the World



30000+ Outlets
to serve our
Customers



9000+
Products for various
applications



1500+
Service Centres to
support our Customers



18 Times
EEPC Award Winner
for Export Excellence



8 Times
NEC Award Winner
for Energy Savings



**Fludyn Advanced
Technology Centre**
Recognized by Ministry of
Science & Technology, Govt. of India.

NEXT GEN PRODUCTS

C.R.I. offers a wide range of Next Gen products for Special Applications includes Intelligence Smart Mini pumps i-Smart with 5 in 1 Features, Sewage and Drainage Pumps for waste water applications, Pressure Booster for even water pressure at home, Stainless Steel Monoblock pumps are used for Hygiene Water Supply, Circulatory pumps are used to circulate hot / cold water with adequate pressure, Swimming pool pumps are used for water filtration and recycling purposes. These pumps are combo package for customised needs and it is precisely designed for hassle free performance.

- Pressure Booster System - **BRISK, MHBS, TINY FORCE, i-PREZ**
- Automatic Pump Controller - **APC**
- **i-SMART** - Self Priming Monoblock Pumps
- Stainless Steel Centrifugal Monoblock Pumpset - **CTSS / JTS**
- Stainless Steel Self Priming Monoblock Pumpset - **STEELIX MINI**
- Wastewater Pumps - **MS, MP, DL, SL, SLC, CDL, DM-CDDP, SM & SMB**
- Circulatory Pumps
- Swimming Pool Pumps - **VISTA & NOVA**

Pumping trust... Worldwide.



SELFPRIMING NON-CLOG MONOBLOCK PUMPS

SMB

C.R.I. "SMB Series" Self-priming non-Clog Monoblock Pump's are especially designed to dewater the sewage and sludges from trenches and pits. It is designed with non-clogging semi open type impellers which is supports for handling suspended solids. These pumps are powered by a totally enclosed fan cooled A.C. induction motor. Motor stator is made of low watt loss silicon steel laminations assembled under pressure and rigidly locked in the frame. Construction of motor frames and usage of quality materials result in high performance and low temperature rise thereby increasing the life cycle of the motor.

Applications :

- Pumping from Septic tanks in all types of Industries.
- Draining sewage / Rain water from hotels, malls & commercial buildings.
- Water recycling plants.
- Pumping waste water in Tunnels & Mines.

Salient Features :

- Non clogging impellers ensures free flow of solids.
- Solid Handling capacity upto 15.5mm.
- Quick automatic Self-priming function-no need for footvalve.
- Back-pull out type for easy maintenance.
- Efficient pumps with more energy savings.



SMB Series

Specifications :

| | |
|-------------------|--|
| Power range | 0.75kW - 3.7kW (1HP - 5HP) |
| Maximum head | 24 meter |
| Maximum flow rate | 1050 lpm |
| Type of Duty | S1 (Continuous) |
| Versions | 1Ph 200-240V / 3Ph 380-415V, 50Hz, A.C. Supply |
| Sealing | SMB 140 Mechanical seal arrangement, SMB 240,350 & 580 Stuffing box arrangement |

PERFORMANCE CHART

| PUMP MODEL | MOTOR POWER | | | NOMINAL PUMP SIZE IN MM (Suction x Delivery) | TOTAL HEAD IN METRES | | | | | | | | | | |
|---------------------|------------------|-----|------|--|----------------------|-----|------|-----|-----|------|-----|------|-----|----|---------------------------------|
| | | | | | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | SOLID HANDLING SIZE IN mm |
| | kW | HP | RPM | | 19.5 | 26 | 33 | 39 | 46 | 52.5 | 59 | 65.5 | 72 | 78 | |
| | DISCHARGE IN LPM | | | | | | | | | | | | | | |
| SMB-140 / T/SMB-140 | 0.75 | 1.0 | 2880 | 40 x 40 | 270 | 240 | 198 | 144 | 96 | - | - | - | - | - | 7.0 |
| SMB-240 / T/SMB-240 | 1.5 | 2.0 | 2880 | 40 x 40 | - | - | 336 | 300 | 246 | 180 | 84 | - | - | - | 8.5 |
| T/SMB-350 | 2.2 | 3.0 | 2880 | 50 x 50 | - | - | 510 | 480 | 444 | 390 | 324 | 252 | 168 | 60 | 10.5 |
| T/SMB-580 | 3.7 | 5.0 | 1440 | 80 x 80 | - | - | 1050 | 930 | 750 | 480 | 204 | - | - | - | 15.5 |

NOTE : Performance applicable to liquid of specific gravity 1.02 and viscosity as of water.






✿ CATERS TO DIVERSE SEGMENTS ✿

**WATER & WASTE WATER | SOLAR | PROCESS INDUSTRIES | SEWAGE & EFFLUENT TREATMENT PLANTS
HVAC | FIRE FIGHTING | METAL & MINING | FOOD & BEVERAGE | AGRICULTURE | RESIDENTIAL**



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In view of continuous developments, the information / performance / descriptions / specifications / illustrations mentioned in this catalogue are subject to change without notice.