



**C.R.I. PUMPS**

Pumping trust. Worldwide.

# One Stop Pumping Solution



**C.R.I. PUMPS | PIPES | WIRES & CABLES  
VALVES | SOLAR | CONTROLLERS**



## 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 solution providers with a wide global presence.
- C.R.I. offers Pumps, Motors, Valves, IoT Drives & Controllers, Pipes, Wires & Cables, and Solar Pumping Systems.
- The Group has a diversified range of 9,000 products in its portfolio and it is among a few to manufacture 100 percent stainless steel pumps in the world.
- The company has 21 manufacturing facilities across the globe and also made acquisitions in the U.K. and Italy.
- The R&D division of C.R.I. namely "Fludyn Advanced Technology Centre" is recognized by the Ministry of Science & Technology, Govt. of India.
- C.R.I. is the top exporter in India and the winner of EEPC (Engineering Export Promotion Council) award 15 times. The company also won National Energy Conservation (NEC) award for six times from the Government of India.

The products of C.R.I. Fluid Systems cater to diverse segments as follows: Chemical & Process, Power, Water & Waste Water, Oil & Gas, Pharma, Sugar & Distilleries, Paper & Pulp, Marine & Defence, Metal & Mining, Food & Beverage, Petrochemical & Refineries, Solar, Building, HVAC, Fire Fighting and Agriculture & Residential sectors.

- C.R.I. has 50+ years of expertise in the field of engineering.
- C.R.I. functions globally with over 20000 Outlets & 1500 Service centres
- C.R.I. boasts fully equipped facilities with state-of-the-art machinery, cutting edge technology & techniques in the manufacturing process
- C.R.I. has earned Indian & International Quality certifications like CE, CSA, TSE, NSF, ISI, ISO 9001, ISO 14001, and OHSAS 18001
- The Foundry of C.R.I. is fully mechanized & automated with state-of-the-art technology.



## RESIDENTIAL PUMPS



- **Borewell submersible pumpset** - (80mm to 100mm)
- **Openwell submersible pumpset** - (Plano, CSS, Selfy+)
- **Surface monoblock pumpset** - (ACM, Virat, Jet, SS monoblock)
- **Selfpriming pumpset** - (Selfy, Mini pump, Shalo)

Power range - 0.37kW (0.5HP) to 7.5kW (10HP)

Head range - 6 mtrs to 487 mtrs

Flow range - 0.9 lps (3.4m<sup>3</sup>/hr) to 18 lps (64.8 m<sup>3</sup>/hr)

## AGRICULTURE PUMPS



- **Borewell submersible pumpset** - (80mm to 200mm)

- **Openwell submersible pumpset** - (CSM, CV, RYKER)

- **Surface monoblock pumpset** - (ACM, Virat, Jumbo)

Power range - 1.5kW (2.0HP) to 63.4kW (85HP)

Head range - 5 mtrs to 780 mtrs

Flow range - 0.16 lps (0.5 m<sup>3</sup>/hr) to 62 lps (223.2 m<sup>3</sup>/hr)

## STAINLESS STEEL PUMPS



# STEELIX

- **Borewell submersible pumpset** - (100mm & 150mm)

- **Corrosion resistant SS304 grade stainless steel**

- **High operating efficiency ensures more power saving**

- **Smooth surface finish results friction free fluid flow**

Power range - 0.37kW (0.5HP) to 18.5kW (25HP)

Head range - 13 mtrs to 780 mtrs

Flow range - 0.1 lps (0.4m<sup>3</sup>/hr) to 22 lps (80 m<sup>3</sup>/hr)

## NEXTGEN PUMPS



# NEXT GEN PRODUCTS



### Smart Pump for Smart People

- **Pressure Boosting System** - (BRISK, Tiny Force)
- **Smart Pumps** - (i-Smart)
- **Sewage & Drainage Pumps**

Power range - 0.30kW (0.4HP) to 2.2kW (3HP)

Head range - 2 mtrs to 55 mtrs

Flow range - 0.1 lps (0.4m³/hr) to 12 lps (43 m³/hr)

## SOLAR PUMPING SYSTEM



- **Highly durable**
- **Eco-friendly**
- **Universal** - 50/60hz pumps can be used
- **Dry run protection** with external feedback
- **Extremely hardwearing** water lubricated bearing
- **High operating efficiency & low maintenance**
- **Operator panel** (Optional Remote Monitoring System)
- **Corrosion resistant Stainless Steel** ensures longer life
- **System having provision** for operating through Solar & Electricity by power sharing methodology

#### **Monoblock Pumpset**

Power range - 0.37kW (0.5HP) to 7.5kW (10HP)

Head range - 45 mtrs

Flow range - 2,56,000 lpd

#### **Borewell Submersible Pumpset**

Power range - 0.37kW (0.5HP) to 7.5kW (10HP)

Head range - 100 mtrs - 150 mtrs

Flow range - 1,96,000 lpd

#### **Openwell Submersible Pumpset**

Power range - 0.37kW (0.5HP) to 3.7kW (5HP)

Head range - 50 mtrs

Flow range - 2,47,500 lpd





## PIPES (PLUMBING & AGRI)

- UV Resistant • Strong & Light Weight
- Fire Resistant • Easy to install
- Corrosion & Chemical Resistant
- Cost Effective



### Agri Pipe :

uPVC Column	: 33mm to 140mm (Bell & Coupler Type)
RPVC	: 20mm to 400mm
HDPE	: 20mm to 630mm
Casing & Screen	: 40mm to 300mm
Grey Casing	: 110mm to 250mm
SDR Casing	: 110mm to 225mm

### Plumbing Pipe :

uPVC	: 15mm to 150mm Pipes & Fittings and Solvents from 29.5ml to 946ml in tube & tin
CPVC	: 15mm to 100mm Pipes & Fittings and Solvents from 25ml to 1000ml in tube & tin
SWR	: 75mm to 160mm Pipes & Fittings and Solvents from 25ml to 5000ml in tube, tin & can

## WIRES & CABLES



**Voltage rating** : Upto 1100 volts - AC Supply

**Temperature range** : -10°C to +70°C / -40°C to +90°C

**Insulation & Sheathing material** : Flexible waterproof PVC / FR PVC / FRLSH PVC

**Conductor** : High conductivity annealed/bunched copper

**Available sizes:**

**Housing Wire** : 0.5mm<sup>2</sup> to 50.0mm<sup>2</sup>

**Round Cable (2, 3, & 4 Core)** : 0.5mm<sup>2</sup> to 16.0mm<sup>2</sup>

**Flat Cable (3 & 4 Core)** : 1.0mm<sup>2</sup> to 50.0mm<sup>2</sup>

## DIGITAL CAPACITOR BOX



- Effective Over Load Protection
- Heavy duty MS Panel
- Smooth and safe start
- Digital LED Display
- Digital Control Box

**Power Range** : 0.37kW (0.5HP) to 2.2kW (3HP)

**Contactor** : 2 Pole

**Rated Operating Voltage** : 240 V, 50 Hz Supply

## DIGITAL CONTROLLER



- IoT enabled Remote Operation
- 100% Protection
- Automatic On & Off
- Inbuilt Water-level monitor
- Real-time Timer
- Digital LED Display

## AIR BREAK MOTOR STARTERS



<b>Relay Range</b>	: 2.5 Amps to 32 Amps
<b>Rated Operational Voltage</b>	: 200-440V, 50Hz 3 Phase
<b>Contactor</b>	: 4 pole
<b>Wide Band of Operating Voltage</b>	: 70% to 110% of rated coil voltage
<b>Pick-up Voltage</b>	: Minimum 70% of coil rating
<b>Ambient Temperature</b>	: -25°C to 55°C

## CAST IRON VALVES

IS : 10805  
  
 CM/L - 2087452



### Foot Valve

Material of Construction  
 Type  
 Available nominal size in mm

Cast Iron  
 Screw type & Flange type  
 50 mm to 100 mm



### Check Valve

Material of Construction  
 Type  
 Available nominal size

Cast Iron  
 Square type & Round type  
 32 mm to 100 mm



### Non-Return Valve

Material of Construction  
 Type  
 Available nominal size in mm

Cast Iron  
 Standard & Heavy  
 50 mm to 100 mm



### Air Valve

Material of Construction  
 Type  
 Available nominal size

Cast Iron  
 Single acting & Double acting  
 25 mm



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