Eim
SUBMERSIBLE PUMPS

SETTING NEW PUMP STANDARDS

Distributed by Tru-Flo Pumping Systems
The EIM range holds some of the leading submersible pumps available in today's market. EIM Electric Co LTD are based in Japan and have been specialising in quality submersible pumps since 1954.

Increased development since EIM’s early establishment now offers a massive product scope as follows:
- Wastewater Pumps for sewage treatments
- Propeller pumps for flood control, irrigation as well as for improvement of environment
- Stainless steel corrosion-proof, flame-proof pumps for power plants
- Dewatering Pumps for construction and civil work
- Slurry Pumps for mining, steel mill scale
- Submersible motors to pump manufactures on request

EIM manufacturing plant is operated in compliance with Lloyd’s Approved ISO 9001 quality management system.

EIM continue with intense efforts to develop new products and to extend operation, always stressing ‘Quality First’.

EIM in Australia has been promoted by adhering to the principal of providing customers with unique, high-quality products that exceed their requirements.
PUMPING WITH RELIABLE TECHNOLOGY
applications

SUBMERSIBLE PUMPS FOR SUMPS
- Sewage and waste water
- Solid sewage
- Corrosion-resistant stainless steel type
- Large Capacity Type

GENERAL PURPOSE SUBMERSIBLE PUMPS
- General drainage
- Super high head
- Sand
- Horizontal type for sand

SPECIAL PURPOSE SUBMERSIBLE PUMPS
- Flameproof type for industrial use
- Flameproof type for coal mines
- Hot water type
- Automatic Operation type
- Deep-well type

POLLUTION PREVENTION & WATER TREATMENT EQUIPMENT
- Submersible motor
- AP pump
- Submersible mixer
- Submersible pump for aeration
- Super vacuum
- New-suitoler
V, K&E SERIES Semi-Vortex Solid Handling Type for Construction and General Drainage. Solves drainage problems dealing with drainage at construction sites.

* Most versatile and economical three-phase pump
* Super-lightweight, changeable discharge port and wide waterway in pump casing due to semi-vortex type
* No downtime due to impeller wearing and no impeller clogging or locking
* Auto-level control, contained type available

ECONOMICAL, THREE-PHASE MODELS
V-505
V-51
V-52
V-82
KM-83
KM-85
V-105

HIGH HEAD, LARGE CAPACITY MODELS
EL-108
EH-1010
EH-1015
EL-158
EL-1510
EL-1515
EL-2015
* Standard Type for Construction and General Drainage. Versatile type for general construction work.
* High-head large capacity pumping with low power consumption
* Designed for rugged handling, economical operation and long life
* Big king size capacity dewater cofferdams, tunnels, mines, excavations efficiently
* Huge capacity at a minimum cost
* These reliable pumps little attention, no daily maintenance, withstands abrasive wear from sand, clay or rock drillings
A mighty pump for rigid solids like iron scale, gravel, various types of slurry and sludge.

Used in the following processes:
* Removal of sand, gravel, slurries etc from civil works such as construction, dredging of harbours, ports, rivers etc
* Raw materials treatment of coal and metal mines, sludge treatment of quarry etc
* High density sludge or slurry-drainage etc
* The use of hi-chrome cast iron agitator, impeller and adjustable plates increases abrasion resistance and lifetime
* Water jacketed motor for use in lower water levels

**BD MODELS**
BD-1015K
BD-1515K
BD-1525K
BD-2025K
Now makes possible extremely high head one step pumping by 2-pole motor for speedup resulting in small size and lower costs. Ideal for applications such as Mining (underground and open pit), Contractor, Factories/Industries and Water Supply.

* Compact, light weight, 2 pole motor speed
* Heavy-duty, robust construction, dependable, easy to maintain
* High-chrome iron impeller with pump casing and suction cover in Ductile FCD450
* Water jacketed motor for pump to work continually at full load
* Portable, simplified installation
* Reduction in installation costs
* No piping or valves on suction side
* High efficiency

KHT MODELS
KHT-830ED
KHT-1030ED
KHT-1550ED
KHT-1560ED
KHT-1575ED
KHT-15100ED
KHT-15120ED
KHT-15150ED
KHT-20200ED
Best choice from a complete line of flameproof EIM Submersible Pumps from 2hp through 200hp for permissible mines.

* Easy handling, compact, lightweight, easy starting, no priming, no suction hose
* Low cost and high efficiency
* Water flow system incorporated into pump casing to prevent overheating
* Double shaft seal provides extra protection to prevent leakage into motor
* Watertight electric cable entry
* Hardened steel impeller

 SMALL CAPACITY MODELS:
EL-52X
EH-52X
EH-85X

 MIDDLE CAPACITY MODELS:
EL-108X
EL-108KX
EH-102NX
EH-1010X
H-150FX
DH-154KX

 LARGE CAPACITY MODELS:
L-200FX
H-200FX
EH-2075X

SUPER-HIGH HEAD MODELS:
EHX-58-2
EHX-815-2
KHTX-830-2
H-200 FX-2
KH-15100 FX-3
KH-20200 FX-4

VORTEX SLURRY MODELS:
SV-108X
SV-1010X
SV-1015X
SV-1530X
For the transfer and handling of sediment, sludge, scale, slurries in various fields of Civil Engineering and Industry including the Mining, Steel, Chemical Cement and Ceramic Industries. Optimum use for sand providing wider passage space for large solid handling.

* Powerful in disposing of slurry, sludge, sandy or muddy water
* Used for disposal of wastewater containing scales or sludges found in various process industries
* Highly efficient, now equivalent to standard centrifugal pumps
* Non clogging, non restricting vortex impeller
* Suitable for pumping liquids and slurries containing clay, bentonite, fly ash, coke and ore finds, cement etc

**SV MODELS:**
- SV-108E
- SV-1010E
- SV-1015E
- SV-1030E
CSEseriesEIM

STAINLESS STEEL TYPE

High-tech corrosion-resistant and highly efficient products with extensive variations to meet diverse needs.

**Materials & Standards**

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<thead>
<tr>
<th>PART</th>
<th>MATERIAL, JIS</th>
<th>ASTM STANDARDS</th>
<th>BS STANDARDS</th>
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<tbody>
<tr>
<td>Upper Casing</td>
<td>Stainless Cast Steel SCS14</td>
<td>SA351-CF8M</td>
<td>1504-316C16</td>
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<td>Motor Housing</td>
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<tr>
<td>Impeller</td>
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<tr>
<td>Suction Cover</td>
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<tr>
<td>Pump Casing</td>
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<tr>
<td>Shaft</td>
<td>Stainless Steel SUS316</td>
<td>A274-316</td>
<td>1502-316S31</td>
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<tr>
<td>External Bolts &amp; Nuts</td>
<td>Stainless Steel SUS316</td>
<td>A274-316</td>
<td>1502-316S31</td>
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<td>Discharge Elbow</td>
<td>Stainless Cast Steel SCS14</td>
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<td>Power Cable</td>
<td>VTC (Polyvinyl Chloride Cabtyre Cable) 1.25mm² only. 2PNCT (Ethylene-Propylene Rubber Insulated Chloroprene Cabtyre Cable) 2mm² &amp; larger.</td>
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**FREE STANDING TYPE**

* All areas that directly come in contact with liquid are stainless steel casting, giving pump protection from corrosion due to acidic, alkaline and salty conditions
* Double mechanical seal, every shaft seal section is corrosion resistant and durable
* Highly reliable and durable - various custom designs available for hot water temperatures
* B-type of the Free Standing range has detachable components for easy maintenance and repair
AUTOMATIC OPERATION TYPE
* Main and control circuits are controlled automatically
* Each circuit operated automatically and independently
* All areas that directly come into contact with liquids have stainless steel casing
* Highly durable double mechanical seal

DEEP-WELL TYPE
* Compact cylindrical type
* Mechanical seal is installed on specially designed suction side
* Specification for total dynamic head, high durability and reliability
* Stainless steel used for wetted parts and fluorine-rubber material for extra insurance against corrosion

HIGH-HEAD & LARGE FLOW TYPE
* All areas that directly come into contact with liquids are stainless steel casing so that the pump is protected from corrosion due to acids, alkalis and salt solutions
* For shaft sealing, a highly durable double mechanical seal is used
* Highly suitable for draining and transferring corrosive water found in various industries

EXPLOSIVE-PROOF TYPE
* Pioneered in applications demanding work that utilizes explosion-proof technology
* All products successfully passed tested conducted by the Industrial Safety Technology Association
* High level watertight structure, no explosive gas enters from the outside
* Space-saving and compact cylindrical bodies
* Approved explosion-proof structure
excellence
quality
excellence
experience
quality
reliability