

MOST EFFICIENT FIRE PROTECTION PUMPING SYSTEMS



FLOWMORE
UL LISTED
HORIZONTAL
CENTRIFUGAL
FIRE PUMPS



About Flowmore



- ◆ Established in 1946, today, Flowmore is a market leader in the area of large and special application pumps and currently has two manufacturing facilities in Ghaziabad, Uttar Pradesh, India.
- ◆ Flowmore Works have achieved ISO 9001, ISO 14001, ISO 45001 & ISO 50001 accreditation.
- ◆ Flowmore has also secured CE Marking for all its products.
- ◆ Flowmore has 50000 sq meter of covered space.
- ◆ Total staff strength of 1000 trained personnel.
- ◆ 20 regional offices all across the country.
- ◆ Flowmore has diversified into a EPC Company and undertakes complete turnkey contracts.
- ◆ Flowmore currently offers an extensive line of standard and custom-engineered centrifugal pumps, for varied services in Power Stations such as Cooling Water, Cooling Tower, Intake, Make-Up Water, Ash Water, Ash Slurry applications, apart from other

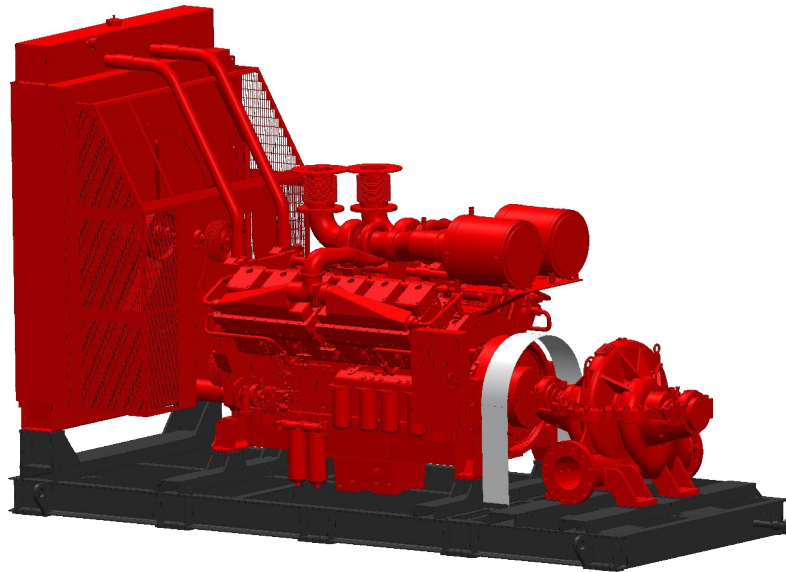
Services such as Sewage, Wastewater, Fire Protection, Drainage, Flood Control, Lift Irrigation, Steel & Mines, Viscous and Volatile Liquid Handling Pumps for Petroleum and Chemical Industries, etc.

- ◆ The company has a strong after sales service department in all regional offices for service calls, routine maintenance, undertaking erection, testing and commissioning of pumps at site, etc.
- ◆ Flowmore is registered as an approved pump vendor by all major government owned units such as NTPC, NPCIL, BHEL, PDIL, MECON, NHPC, EIL, State Electricity Boards, Water and Sewage Boards and many municipal corporations all across the country.
- ◆ Esteemed clientele consists of Nuclear Power Corporation, NTPC, BHEL, NHPC, EIL, Reliance Industries, Adani Group, Tata Group, JSW Group, ISGEC Heavy Engineering Ltd., L&T Group, Jindal Group, Essar Group, Birla Corporation, Hindalco Industries, General Electric, HPCL, BPCL, IOCL, Andritz Hydro, Voith Hydro etc.



Horizontal Centrifugal fire Pumps

All models are intended for installation with the shaft in the horizontal position.



Construction Details

Each pump supplied shall consist of the following:

Castings - A casting shall be smooth and free from scale, lumps, cracks, blisters, sand holes, and other equivalent defects. The castings shall not be plugged or filled but may be impregnated to remove porosity.

Casings - A casing and stuffing box cover (if provided) shall be equipped with tapped holes, jack screws or equivalent and shall permit examination of impellers and other integral parts without disturbing suction and discharge piping.

The casing shall incorporate a 1/2 in. minimum threaded drain opening incorporating a corrosion resistant plug.

Pump Base - Each pump shall be supplied with a base or feet for support.

Impeller - An impeller incorporating wear rings shall have wear rings made of materials that will not gall. The rings shall be secured to the case in a manner that will not permit rotational or axial movement.

The minimum dimensions of passages at the periphery or any other point in the impeller shall not be less than:

- A. 5/16 in. for a pump 500 gpm or less.
- B. 1/2 in. for a pump more than 500 gpm.

The impeller shall be of the enclosed design, incorporating side walls or shrouds that completely enclosure the impeller waterways from the suction eye to the periphery, and secured in the axial direction permitting no contact with the casing under operating conditions.

Pump Components - The impellers, wear rings, guide or diffusion vane rings, lantern rings, stuffing box bottoms, interior lining, of stuffing box throat, glands, gland nuts, and drain plugs shall be made of corrosion resistant materials. See the Parts List for each pump for the acceptable materials. A diffusion vane casting may be protected against corrosion and sticking by bronze-tipping the portion most exposed.

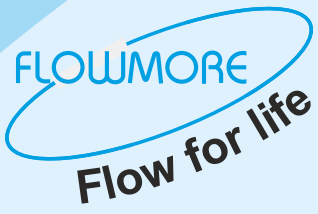
Pump Shaft - Each pump shall be fitted with the proper shaft and shaft sleeves as indicated for each pump.

Horizontal Centrifugal UL listed fire Pumps

Rated Capacity US GPM	Pressure Rating, psi	Approx Speed RPM
500	87-160	1480
750	133-202	1480
1000	143-193	1480
750	145-232	2970

Rated Capacity US GPM	Pressure Rating, psi	Approx Speed RPM
1000	183	2000
2000	100-156	1800
2000	108-165	1480
2500	112-153	1800
2500	100-182	1480
3000	141-179	1480

UL Listing Certificates



An ISO 9001 Company

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