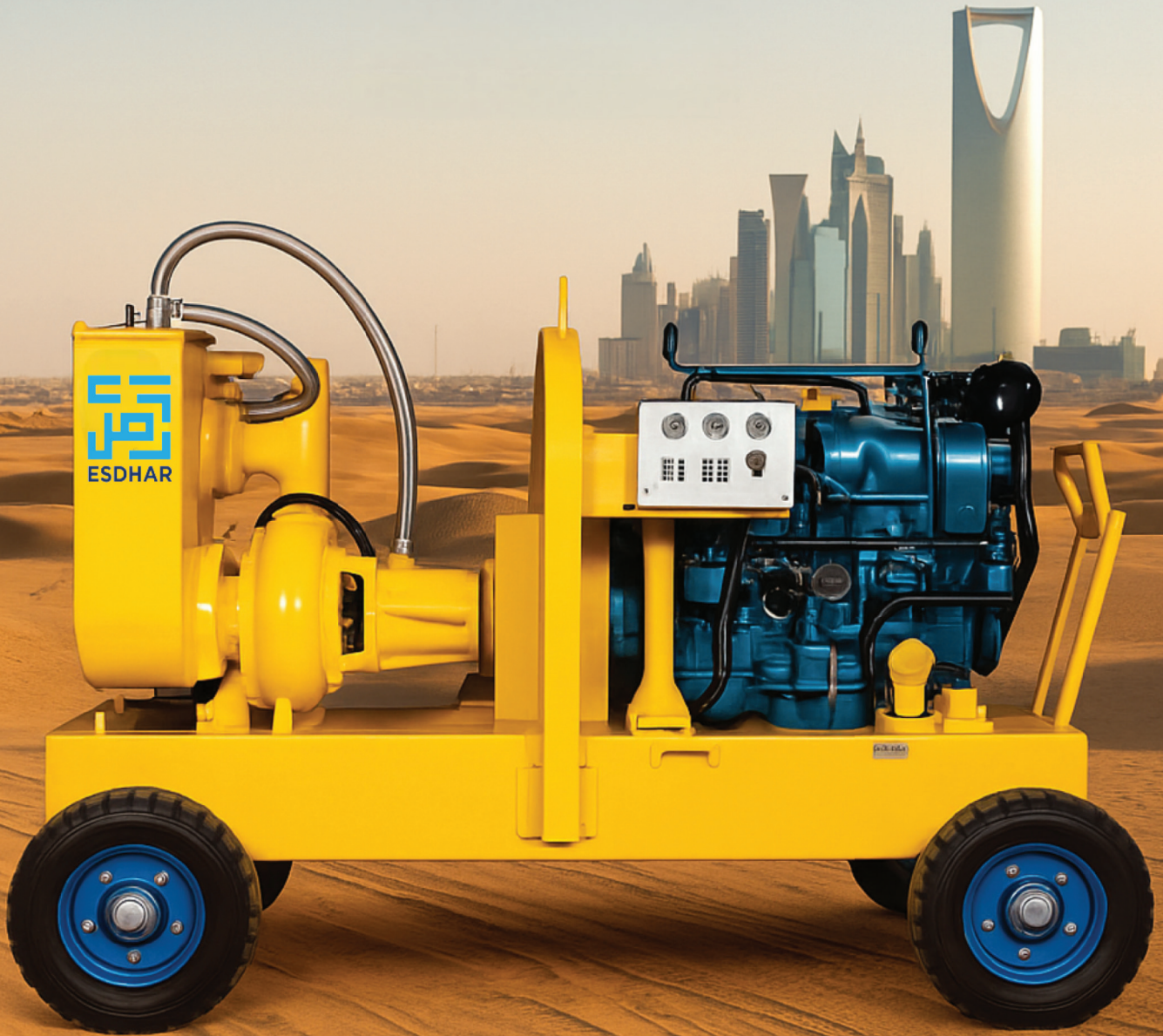


ESDHAR

DEWATERING SOLUTIONS

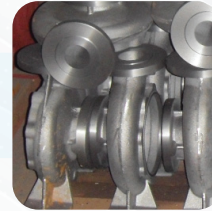
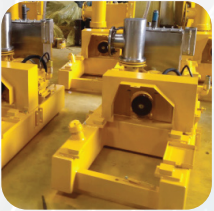


DE-WATERING PUMP | CENTRIFUGAL PUMP | PISTON PUMP
DEEP WELL & SUBMERSIBLE PUMP



ABOUT US

Esdhar Dewatering Solutions is managed by a team with well experience and knowledge in Dewatering Pump and Dewatering system from Middle East and Asian countries. We are specialised in manufacturing of Self priming non clog pump, Dewatering Pump, Submersible pump, Deep-well Pumps and High pressure jetting pump. Our castings are made out from the least rejection to maintain the quality. We also do precision jobs of machining work in all kind of material. We use all automated machines to meet our customer requirement.



Utmost care is taken to maintain and deliver products of the highest quality to our ever growing list of customers. This has been made possible by our vision of providing only the best, which has been the constant endeavor of our team of highly competent technical staff. Our pump also gives long maintenance intervals. Esdhar's First goal is quality and continuous improvement. The main purpose of our company is to gain and maintain the role of "Privileged Supplier". We consider our customers as precious partners with whom we collaborate and establish long-term relations of mutual trust.

All Pump-side parts are covered under our warranty and these parts are replaced free of cost in the unlikely event of any manufacturing defects within the period under conditions.



* Specification and performance are subjected to change without prior notice and performance depends on specific gravity and viscosity of water

Our manufacturing facility spans an expansive 9,500 square feet, boasting ample installed capacity. To optimize our production processes, we've outfitted the unit with state-of-the-art machinery and essential equipment. Within our foundry division, we have the capability to annually produce 900 tons of gray castings and 170 tons of alloy castings. Among the machinery and equipment at our production unit are:

VMC
CNCLATHE
CONVENTIONAL LATHE
DRILLING
SLOTING
HORIZONTAL BORING
WELDING
CUTTING
HYDRAULIC PRESS

The integration of these tools ensures a streamlined and efficient manufacturing process. Our commitment to quality extends to our professionals, who work diligently to ensure that our pumps adhere to international standards.

SHAFT MACHINING



CNC AND VTL



DEEP WELL PUMP UNIT



INVESTMENT CASTING



DEEP WELL MOTOR SETTING



IMPELLER CASTING SHELLS



HYDRO LEAK TESTING



ROTOR INSPECTION



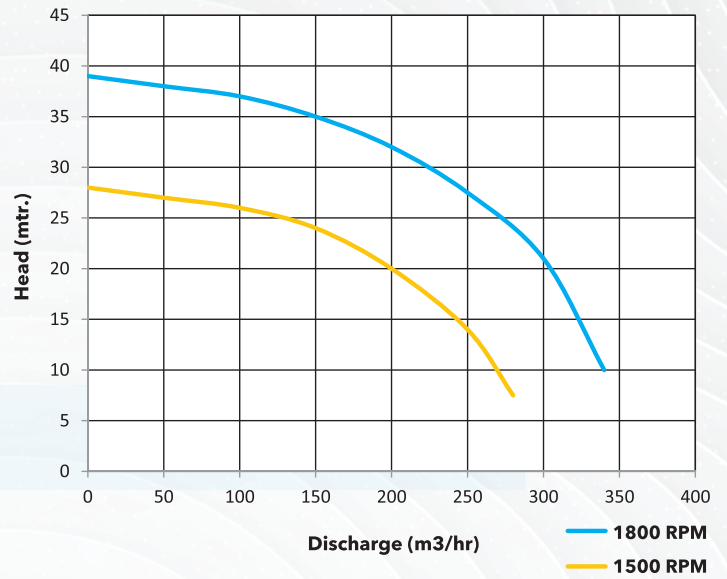
Co2 CASTING PROCESS





6" DEWATERING PUMP

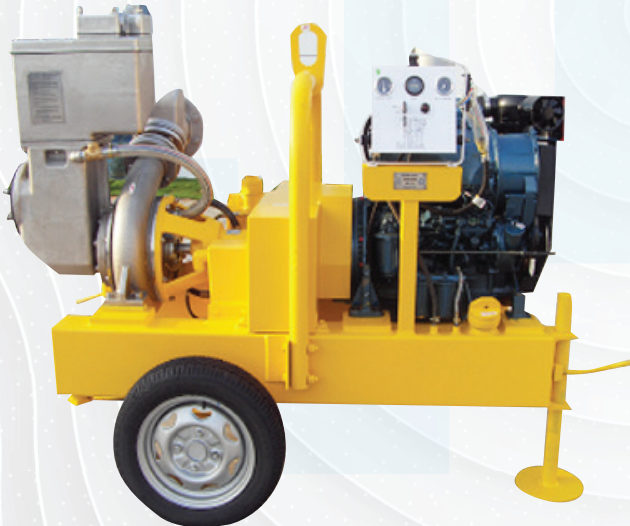
EDM150



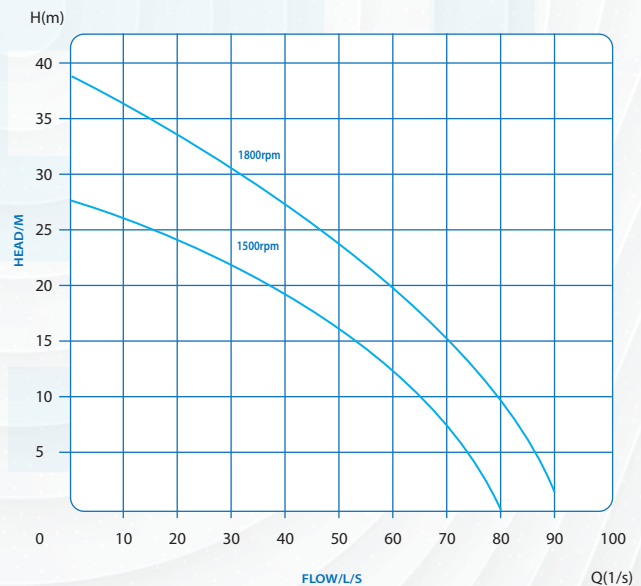
EDM -150

Engine: HA394 (Kirloskar) Air cooled, 1800 RPM, 38 HP Power, Anti clockwise Rotation

Pump Casing: C.I./S.S 304, Stuffing Box: SS 202/S.S 304, Impeller: C.I./S.S 304/Bronze
 Shaft: S.S 304/SS 316, Priming tank: M.S/S.S 304, Sealing: Burgmann type/John Crane
 Bearing: Double rows angular contact, Vacuum pump: Oil lubricated 60 cfm



6" DEWATERING PUMP



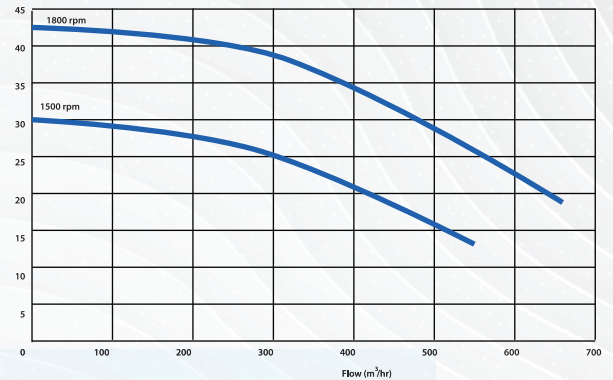
EDS - 150 SS

Engine: HA394 (Kirloskar) Air cooled, 1800 RPM, 38 HP Power, Anti clockwise Rotation

Pump Casing: C.I./S.S 304, Wear Plate: Bronze/S.S 304, Impeller: Bronze/S.S 304,
 Shaft: S.S 304/SS 316, Priming tank: Aluminium, Sealing: Gland packed
 Bearing: Tapper roller bearing / Vacuum pump: Oil lubricated 60 cfm

* Specification and performance are subjected to change without prior notice and performance depends on specific gravity and viscosity of water

8" DEWATERING PUMP



EDM - 200

Engine: HA494 (Kirloskar) Air cooled, 1800 RPM, 52 HP Power, Anti clockwise Rotation

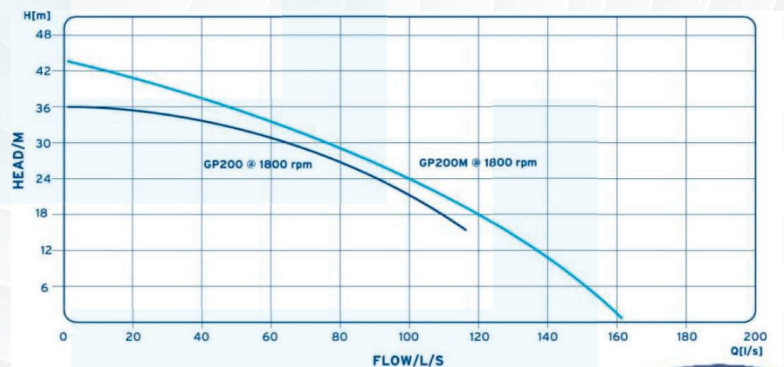
Pump Casing: C.I, Wear plate: S.S 304, Impeller: C.I/S.S 304/Bronze

Shaft: S.S 304/SS 316, Priming tank: M.S S.S 304, Sealing: Burgmann type/Gland packed

Bearing: Double rows angular contact, Vacuum pump: Oil lubricated 60 cfm



8" DEWATERING PUMP



EDS - 200

Engine: HA494 (Kirloskar) Air cooled, 1800 RPM, 52 HP Power, Anti clockwise Rotation

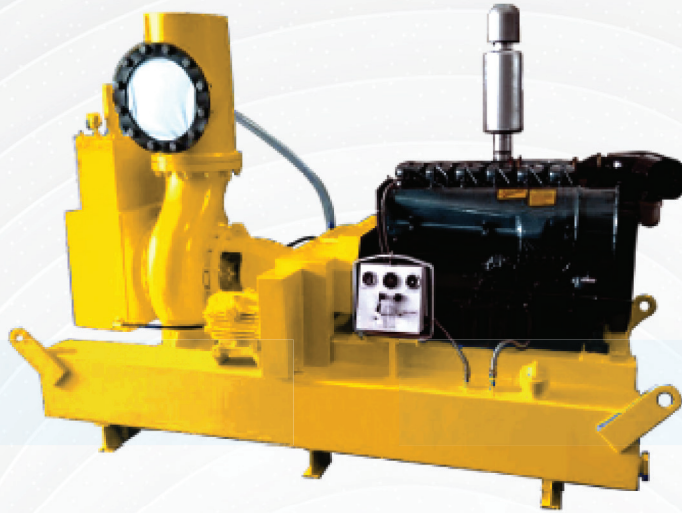
Pump Casing: C.I, Wear plate: S.S 304, Impeller: C.I/S.S 304/Bronze

Shaft: S.S 304/SS 316, Priming tank: M.S/S.S 304/Aluminium, Sealing: Burgmann type

Bearing: Double rows angular contact, Vacuum pump: Oil lubricated 60 cfm

* Specification and performance are subjected to change without prior notice and performance depends on specific gravity and viscosity of water

12" HIGH DISCHARGE PUMP



EDM - 300

Engine: HA694 (Kirloskar) Air cooled, 1800 RPM, 78 HP Power, 6 Cylinder, Anti clockwise Rotation

Pump Casing: C.I, Stuffing Box: SS 202/S.S 304 Impeller: C.I/S.S 304/Bronze
Shaft: S.S 304/SS 316, Priming tank: M.S/S.S 304, Sealing: Gland Packed
Bearing: Double rows angular contact, Vacuum pump: Oil lubricated 70 cfm

12" HIGH DISCHARGE PUMP

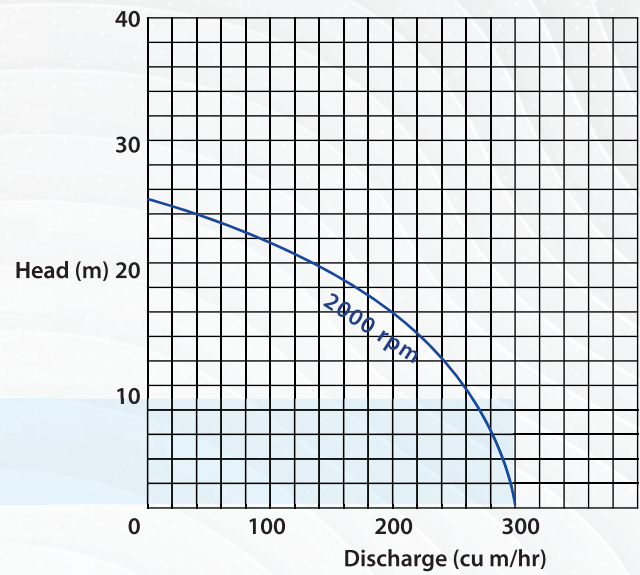
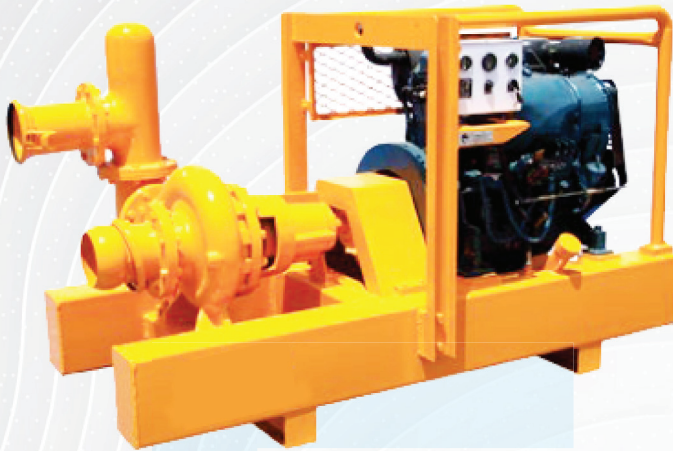


EDS - 300

Heavily contaminated liquids, raw sewage, roughly screened sewerage for spray irrigation, fresh, digested and activated sludge from clarification plants, sludge water from gravel and clay pits, etc. These 12" DP 300 pumps are suited for handling paper stocks, pulps, up to 7% consistency. Bearings are grease lubricated. Optionally oil lubrication can also be offered. Single row taper roller bearings at drive and impeller ends. Pumps can be offered with jacking or Mechanical seal lent.

* Specification and performance are subjected to change without prior notice and performance depends on specific gravity and viscosity of water

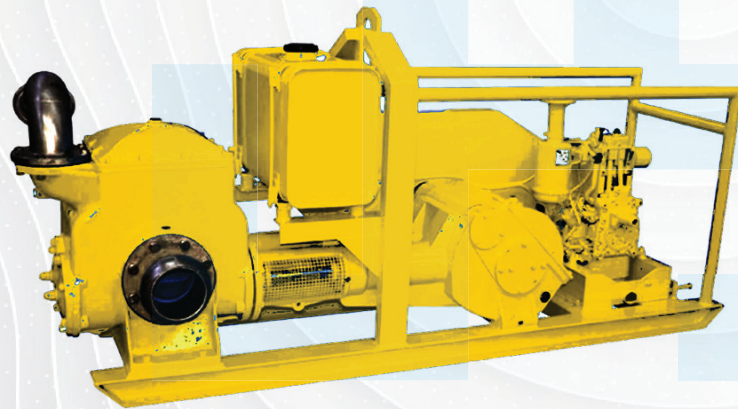
BOOSTER PUMP



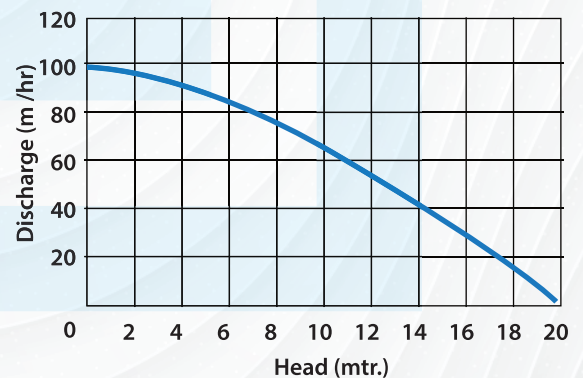
EDPB - M150

Engine: HA394 (Kirloskar) Air cooled, 1800 RPM, 38 HP Power, Anti clockwise Rotation

Pump Casing: C.I/ S.S 304, Stuffing Box: SS 202/S.S 304 Impeller: C.I/S.S 304/Bronze, Shaft: S.S 304/SS 316, Sealing: Burgmann type/John Crane, V Bearing: Double rows Angular contact



PISTON PUMP



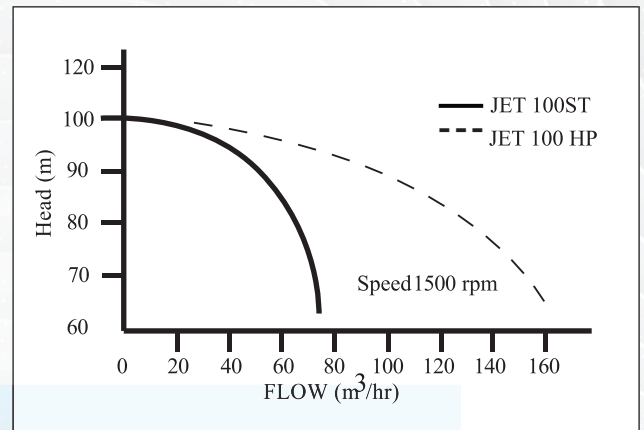
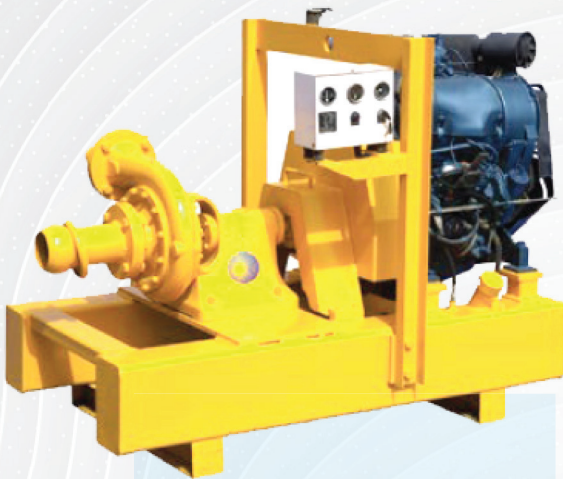
EDP - G150

Engine: DAF10 (Kirloskar) Single cylinder Air cooled, 1500 RPM, 10 HP Power
Anti clockwise Rotation

Pump Casing: C.I, Cylinder liners: S.S 304, Piston cups: Leather
Piston Rod: MS/SS, Sealing: Gland packed, Valve seat: Bronze

* Specification and performance are subjected to change without prior notice
and performance depends on specific gravity and viscosity of water

HIGH PRESSURE JETTING PUMP

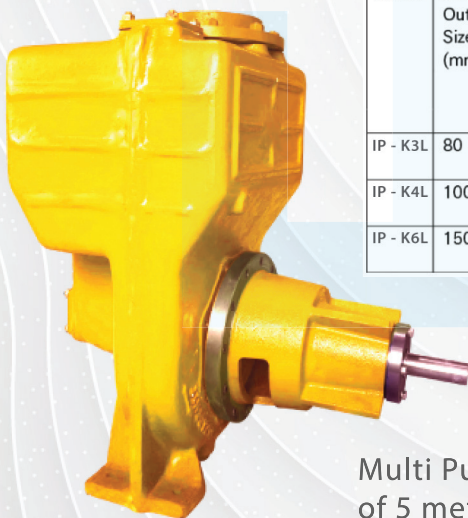


EDPJ - S100

Engine: HA394 (Kirloskar) Air cooled, 1800 RPM, 32 HP Power, Anti clockwise Rotation

Jetting Pumps are high pressure units which have several applications such as installation of well-points, blockage removals in pipes and dewatering systems, drain flushing, tank cleaning and even emergency fire pumping. The IPJ - S100 is made of hard wearing materials such as Stainless Steel, Bronze and Cast Iron.

NON-CLOGGING SELF PRIMING PUMP



Model	Inlet / Outlet Size (mm)	Impeller Diameter (mm)	Total head in meter												Solid Handling size (mm)	Rated Speed (rpm)	
			10	12	14	15	16	18	19	20	22	24	25	26			28
Capacity in liters per second																	
IP - K3L	80	224		17.7	15.6	14.0	12.5	8.5	6.0	3.5					15.5	1500	
IP - K4L	100	292		41.4	39.1	38.0	36.0	33.9	32.3	30.5	26.4	21.5	18.5	16.0	9.9	23.0	1500
IP - K6L	150	296	77.5	75.0	72.0	71.0	68.0	63.0	62.0	57.0	51.0	42.5	38.8	32.5	40.0	1500	

Multi Purpose Automatic self-priming pumps have a Depth capacity of 5 meters a head capacity of 28 meters, and a discharge of up to 77 l/s. These pumps are ideal for diverse applications in different industries.

* Specification and performance are subjected to change without prior notice and performance depends on specific gravity and viscosity of water

ESDHAR is a leader in dewatering solutions across Saudi Arabia, offering unmatched Middle Eastern expertise in deep well dewatering and groundwater control. We provide immediate hire of:

- Dewatering pumps(vaccum assisted centrifugal pumps)
- Deepwell pumps (open well dewatering pumps)
- Dewatering system accessories
- High pressure jetting pumps

Additionally, we supply a wide variety of dewatering accessories.

Whether you need reliable pumps for construction, mining, or environmental projects, ESDHAR delivers fast, professional service tailored to your pumping needs.

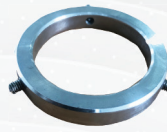


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SPARES



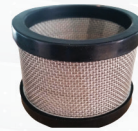
Open Impeller



Abetment Ring



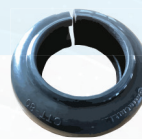
Impeller



Element Filter



Volute Housing



Tyre Coupling



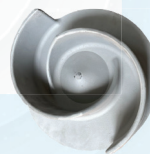
Stuffing Box



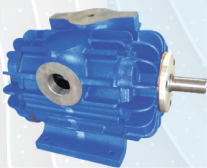
Coupling Assembly



Shaft



Open Impeller Solid Handling



**70CFM
Vacuum Pump**



S.S Priming tank



**60CFM
Vacuum Pump**

* Specification and performance are subjected to change without prior notice and performance depends on specific gravity and viscosity of water



SPECIFICATION

- Capacity : up to 105m³ /h
- Head : up to 35 meters
- Power : 0.25 Kw (0.35HP) to 5.5 Kw (7.5HP)
- KSM 0.25-0.75 : Single phase 220V + or – 10%, 50Hz, 220V + or – 10%, 60Hz,
- KSM 1.5 : Single phase 220V + or – 10%, 50Hz, 220V + or – 10%, 60Hz,
- KSM 1.5 – 5.5 : Single phase 380V + or – 10%, 50Hz, 380V + or – 10%, 60Hz,
- Insulation class : F
- Protection class : IP 68
- Water Temperature : up to 400C
- Max. water depth : KSM 0.25 – 0.75 Kw ; 10m
KS(M) 1.5 – 5.5 Kw ; 25m



SPECIFICATION

- Capacity : up to 2.9 m³/min
- Head : up to 23.5 m
- Discharge 80mm (3") to 150mm (6")
- Power : 4Kw (5.5HP) to 9Kw (12 HP)
- Power supply : three phase 380V + or – 10%, 50Hz 380V + or – 10%, 60Hz
- Insulation class : F
- Protection class : IP 68
- Cable length : 8m
- Water temperature : up to 400C
- Max.water depth : 15m



SPECIFICATION

- Water temperature : up to 350C
- PH : 6.5 to 8.5
- Power supply : three phase, 380V + or – 10%, 50Hz 380V + or – 10%, 60Hz
- Power : 2.2 – 22Kw
- Insulation class : B
- Protection class : IP68
- Capacity : up to 90m³/h
- Head : up to 148m
- Maximum immersion depth : 20m
- Cable length : 15m

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ESDHAR

DEWATERING SOLUTIONS

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