



BLUE ELEPHANT ***SUBMERSIBLE PUMPS***



PRODUCT CATALOGUE



www.tftpumps.com



TRIVIKRAM FLOWTECH

MANUFACTURER OF
INDUSTRIAL SLURRY PUMPS &
SUBMERSIBLE SLURRY PUMPS



QUALITY ASSURANCE





About TFT

“TFT” is a world class special pump manufacturing company started by eminent engineers with 3 decades of field expertise in design, manufacture, application engineering, R&D, after sales service in industrial pumps. Established in 1999, TFT has thrived over the years with a strong vision to escalate the productivity of all the processes of the industry by refining fluid handling process.

Our team works from the ground up to understand the fluid handling needs and then design a comprehensive and futuristic fluid processing model that best suits to improve productivity in all kinds of process that the industry needs. Our support doesn't end after supply, we offer support from installation and commissioning activities to aftermarket servicing; therefore, we are known for our superlative and efficient works among our customers.

Trivikram Flowtech (TFT) is the ultimate destination, where we provide fluid solutions for a wide range of industries. Our areas of expertise include application engineering, R&D, selection of pumps and much more. Accepting all of that, we offer an extensive range of positive displacement and centrifugal pumps favouring the commercial markets. Our products are of premium quality. reliable and robust for usage in industrial. Our pumps are synonymous to providing leading performance and high efficiency. Our main products are submersible pumps, dewatering pumps, sewage / water pumps, centrifugal pumps (Radial, Axial & Mixed Flow) industrial pumps motors and engines we also design and built a wide range of special pumps for suitable application.

SOME OF OUR MAJOR CLIENTS





TUSK SUBMERSIBLE DRAINAGE PUMP



BLUE ELEPHANT SERIES

The body of motor and pump is made of rigid cast iron for long-lasting durability. Greatly increased maximum submersion depth due to double mechanical seal resistant to high pressure Hydraulic part under the motor and motor cooled by the pumped water for safe operation also with the pump only partially immersed. Space economy by a top outlet. Hermetically sealed motor equipped. Discharge 100mm to 150mm , motor 22KW (30HP) to 30KW (40HP) Motor is dry type submersible induction motor (2 poles)

Specification

- Insulation class : F
- Protection class : IP68
- Cable length : 20m
- Water temperature : up to 40°C
- Max.water depth : 30m
- Capacity : up to 372 m³/h
- Head : up to 90 meters
- Power : 22 kW(30HP) to 45 kW (60HP)
- Power supply : Three phase 400V \pm 10%,50Hz

Application

- Deep-well pre-dewatering or high-head dewatering
- Civil engineering and construction works
- Mines, quarries, coal ore & slurry
- Sewage treatment plants
- General pumping purposes

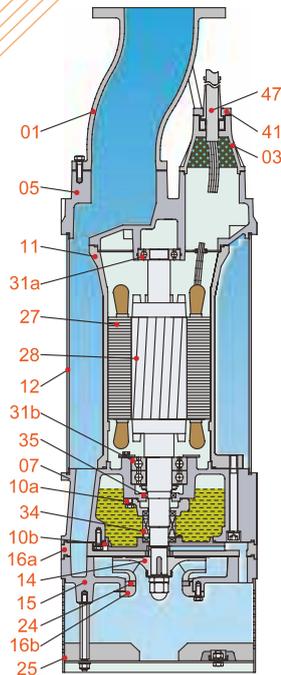
Special features on request

- The length of cable is optional

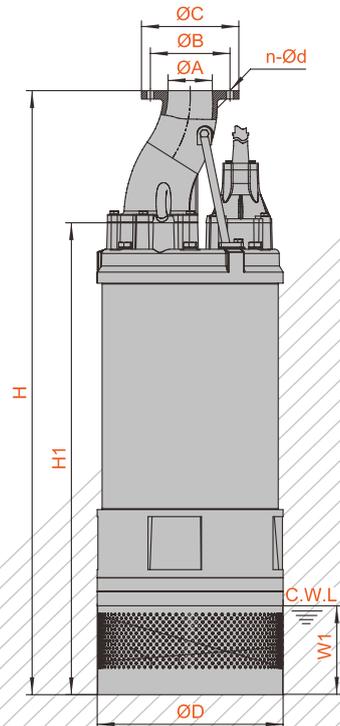




TUSK SUBMERSIBLE DRAINAGE PUMP



TUSK 22-30kW



W1: Continuous running water level

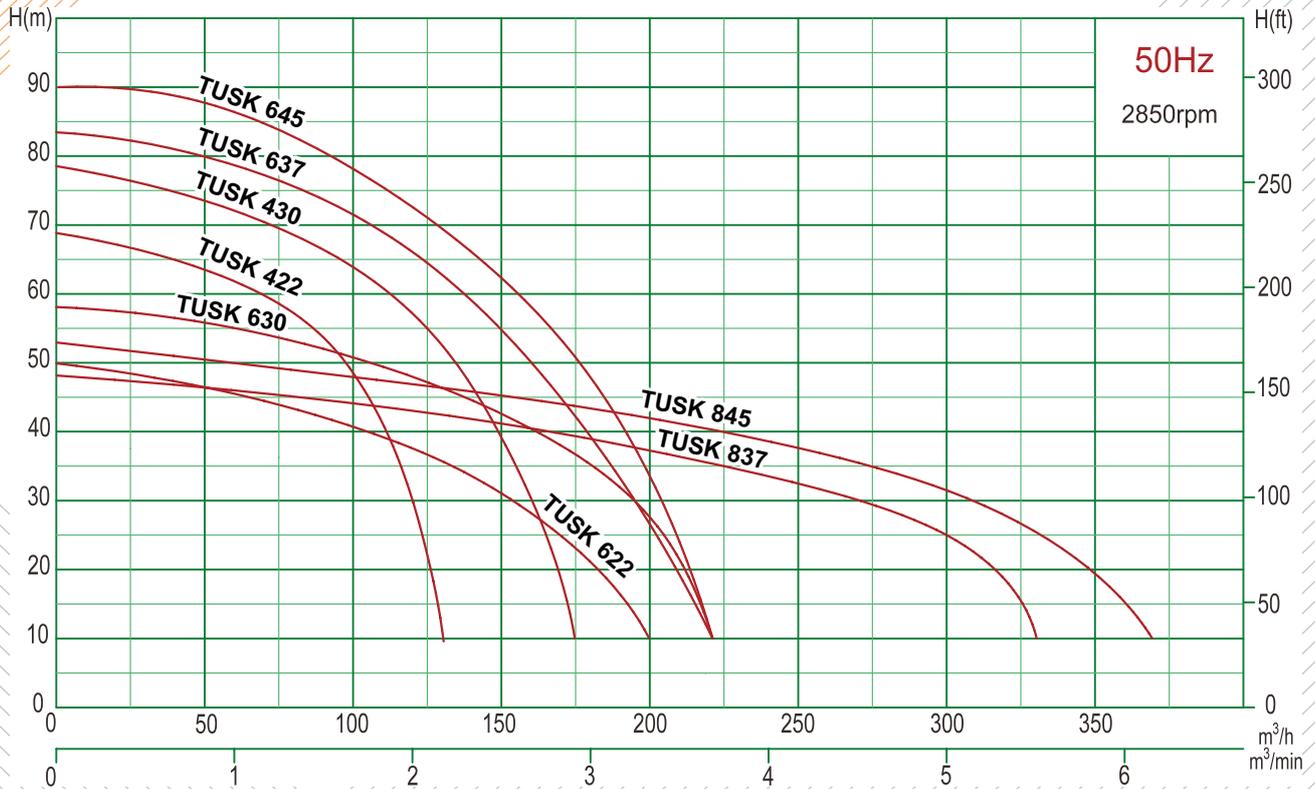
Item No.	Part name	Material
01	Hose coupling	Ductile iron
02	Terminal box	Cast iron
05	Upper cover	Cast iron
07	Bearing housing	Cast iron
10a	Seal bracket	Cast iron
10b	Seal bracket	Cast iron
11	Motor body	Cast iron
12	Outer casing	High chrome alloy
14	Impeller	High chrome alloy
15	Diffuser	Ductile iron
16a	Inlet plate	Ductile iron

Item No.	Part name	Material
16b	Inlet plate	Cast iron
24	Neck ring	High chrome alloy
25	Strainer	AISI 304 SS
27	Stator	
28	Rotor	Shaft : AISI 420 SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
34	Mechanical seal	Tc-Sic/Sic-Sic
35	Oil seal	
41	Shim	Cast iron
47	Cable	

Model (50 Hz)	A mm	B mm	C mm	D mm	H mm	H1 mm	W1 mm	N.W Kg	G.W Kg	Packing dimension (mm)
TUSK 422	100	180	220	420	1374	1072	240	370	410	620X740X1540
TUSK 430	100	180	220	420	1374	1072	240	375	415	620X740X1540
TUSK 622	150	240	285	420	1434	1082	250	385	425	620X740X1600
TUSK 630	150	240	285	420	1434	1082	250	390	430	620X740X1600
TUSK 637	150	240	285	530	1424	1072	180	570	615	680X740X1650
TUSK 645	150	240	285	530	1424	1072	180	575	620	680X740X1650
TUSK 837	200	295	340	530	1474	1072	180	575	625	680X740X1700
TUSK 845	200	295	340	530	1474	1072	180	580	630	680X740X1700



TUSK SUBMERSIBLE DRAINAGE PUMP



Model 50 Hz	Outlet	Motor power		Rated current A	Rated capacity		Rated head m	Max capacity		Max head m	impeller passage mm
	mm	kW	HP		m ² /h	m ³ /min		m ² /h	m ³ /min		
TUSK 422	100	22	30	41.5	66	1.1	60	130/138	2.17/2.3	68	6
TUSK 430	100	30	40	54	72	1.2	70/75	170/144	2.83/2.4	78/82	6
TUSK 622	150	22	30	41.5	120	2.0	37/40	200/210	3.33/3.5	50/52	15
TUSK 630	150	30	40	54	140	2.33	45/48	220/216	3.67/3.6	58/64	15
TUSK 637	150	37	50	66	60	1.0	80	220	3.67	83	6
TUSK 645	150	45	60	80	84	1.4	80	220	3.67	90	6
TUSK 837	200	37	50	66	216	3.6	35	330	5.5	48	20
TUSK 845	200	45	60	80	270	4.5	35	372	6.2	53	20



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