



Premium Pumps for the Slurry Industry



ABOUT US –

Trivikram Flowtech (TFT) is a leader in industrial pump design and manufacturing. We provide fluid solutions for a wide range of industries. Our areas of expertise include **R&D , Manufacturing technology , application engineering, selection of pumps, 24/7 customer support** and much more.

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 and agricultural markets. Our pumps are synonymous to providing leading performance and high efficiency.

WHY CHOOSE US? –

We are a team of self made experts with an **exceptional 25 years experience.**

We believe that the right product & its supporting partners, together help the business grow. With TFT's positive approach & decades of **experience + expertise**, we are confident enough to back you up. We are always upgrading & responding to the needs of the business. We do this with innovation and commitment.



Here is our multi-pronged approach which has helped us serve our customers effectively :-



PERSONALISED METHODOLOGY:

Our solutions for you are tailor made. Your business is one of a kind, so are our products and services for you. A lot of objective understanding is what goes in here.



EXCEPTIONAL QUALITY:

We add real value to your business. Our team evaluates your needs according to your business activities at every stage & present you the end result.



MANUFACTURING CAPABILITIES:

Our technically advanced pumps are built with world-class standards and manufacturing technology to offer reliability and high performance in any condition.



24/7 CUSTOMER SUPPORT:

Our utmost priority is customer satisfaction and providing timely assistance is central to our philosophy. Reach out to us anytime in case you have any issues or queries.



R&D AND MANUFACTURING CAPABILITIES –

With more than 2 decades of rich experience, we've secured the trust of customers across India and the world for bringing innovation & reliability together through our products and services. Equipped with cutting-edge technology & well-experienced engineers, we are known for **designing and manufacturing the best-in-class pumps** for specific industrial applications.

Our technically advanced pumps are **manufactured with world-class standards** to offer reliability and high performance in any condition. From advanced casting methods to modern testing standards, we keep our manufacturing regime updated so that we can offer the best pumping experience for our customers.



AN ISO 9001:2015 CERTIFIED COMPANY



CAMEL SERIES HEAVY DUTY SLURRY PUMP –

Our heavy duty slurry pumps are designed for the most difficult pumping applications for highly abrasive, high density or erosive slurries, extra thick sections at wear point and perfect Impeller structure ensures satisfactory performance with long life, and needs minimum maintenance requirements.

Rubber lined pump expand applications to chemical products handling, several different rubber options are available to meet different application needs, especially fit in aggressive applications like mill discharge, tailing transportation.

SPECIFICATIONS:

 DELIVERY SIZE
DN 25-450mm

 CAPACITY
Upto 5400m³/hr

 HEAD
Upto 68m

 MATERIAL
Metal & Rubber

APPLICATIONS:

 Iron Ore Dressing
Plant Copper

 Concentration
Plant Gold Mine

 Concentration
Plant

 Molybdenum
Concentration

 Plant Potash
Fertilizer Plant

 Other Mineral
Processing

 Plants Alumina
Industry Coal

 Washery Power
Plant Sand

 Excavation Building
Material

 Industry Chemical
Industry

 Other industries



CLEAR WATER PERFORMANCE TABLE –

TYPE	MAX. POWER KW	MATERIAL		CLEAR WATER PERFORMANCE					
		LINE R	IMP ELLER	CAPACITY		HEAD H(M)	SPEED N(R/MIN)	EFFN%	NPSH (M)
				(M ³ /H)	(L/S)				
1.5/1B-CAM	15	M	M	12.6-28.8	3.5-8	6-68	1200-3800	40	2-4
		RU	RU	10.8-25.2	3-7	3-7	1400-3400	35	2-4
2/1.5B-CAM	15	M	M	32.4-72	9-20	6-58	1200-3200	45	3.5-8
		RU	RU	25.2-54	7-15	5.5-41	1000-2600	50	2.5-5
3/2C-CAM	30	M	M	39.6 -86.4	11 -24	12 -64	1300-2700	55	4-6
		RU	RU	36 -75.6	10 -21	13 -39	1300-2100	55	2-4
4/3C-CAM	30	M	M	86.4-198	24 -55	9-52	1000-2200	71	4-6
4/3D-CAM	60								
4/3C-CAM	30	RU	RU	79.2 -180	22 -50	5 -34.5	800-1800	59	3-5
4/3D-CAM	60								
6/4D-CAM	60	M	M	162-360	45-100	12 -56	800-1550	65	5-8
6/4E-CAM	120								
6/4D-CAM	60	RU	RU	144-324	40-90	12-45	800-1350	65	3-5
6/4E-CAM	120								
8/6E-CAM	120	M	M	360-828	100-230	10-61	500-1140	72	2-9
8/6R-CAM	300								
8/6E-CAM	120	RU	RU	324 -720	90-200	7-49	400-1000	65	5-10
8/6R-CAM	300								
10/8ST-CAM	560	M	M	612 -1368	170-380	11-61	400-850	71	4-10
		RU	RU	540-1188	150 -330	12-50	400-750	75	4-12
12/10ST-CAM	560	M	M	936 -1980	260-550	7-68	300-800	82	6
		RU	RU	720-1620	200-450	7-45	300-650	80	2.5-7.5
14/12ST-CAM	560	M	M	1260 -2772	350-770	13-63	300-600	77	3-10
		RU	RU	1152 -2520	320-700	13-44	300-500	79	3-8
16/14TU-CAM	1200	M	M	1368 -3060	380-850	11-63	250 -550	79	4-10
		RU	RU	1260 -2880	350-800	12-42.5	250-450	80	4-8
20/18TU-CAM	1200	M	M	2520-5400	700 -1500	13-57	200-400	85	5-10
		RU	RU	1800-4680	500-1300	13-44	200 -350	80	2-7

1. CAPACITY RANGE RECOMMENDED 50%Q'≤Q≤110%Q'(Q'≈CAPACITY AT MAX. EFF. POINT) 2.M MEANS ALLOY WEAR-RESISTANT MATERIAL, R MEANS RUBBER

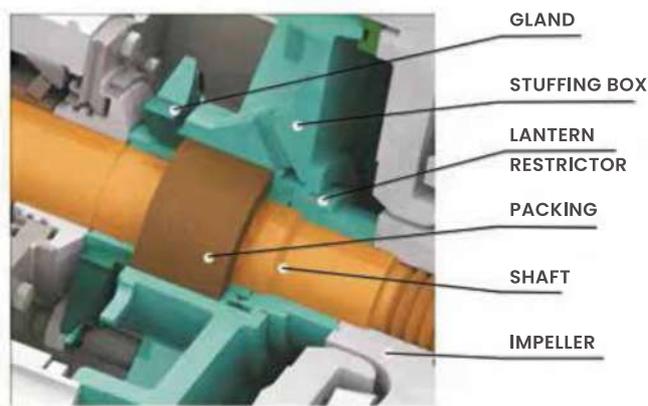
KEY ADVANTAGES —

- Cylindrical structure of bearing assembly: convenient to adjust the space between impeller and front liner and can be removed completely;
- Interchangeable anti-abrasive wet parts made of high-chrome alloys;
- The discharge branch can be oriented to any eight positions at the interval of 45 degrees;
- Various drive types: DC(direct connection), V-belt drive, gear box reducer, hydraulic couplings, VFD, SCR control, etc;
- The shaft seal uses the packing seal, expeller seal and mechanical seal;

SEAL OPTIONS —

PACKING SEAL >

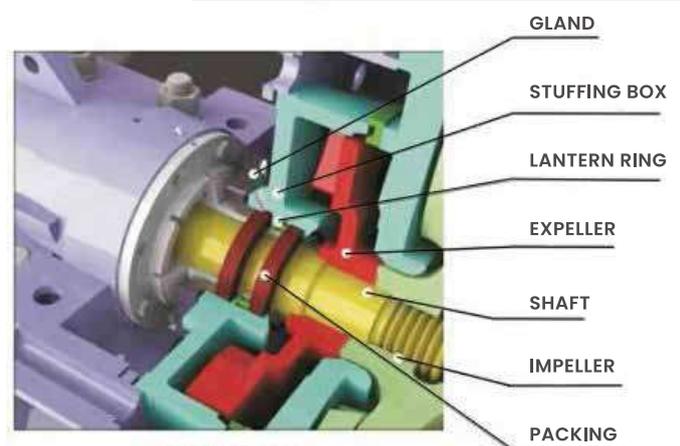
As one of the most commonly used seals for rotating shafts, the packing seal can come with low-flush or full flush arrangement which uses flushing water to prevent media from escaping the pump housing. This kind of seal is suitable for use under all pumping conditions. In situations where corrosive solids or high temperature might be encountered, Teflon or aramid fiber is used as the packing material for the gland. For high abrasion conditions, a ceramic shaft sleeve is available.



PACKING SEAL

EXPELLER SEAL >

The expeller generate a reverse centrifugal force to prevents the leakage. It can be used for single-stage pump or the first pump of multiple pumps in series when the positive pressure at suction side is larger than that at discharge side by no more than 10%. No gland water is needed, the slurry will not be diluted and the sealing effect is reliable, used in where dilution of slurry is not allowed.

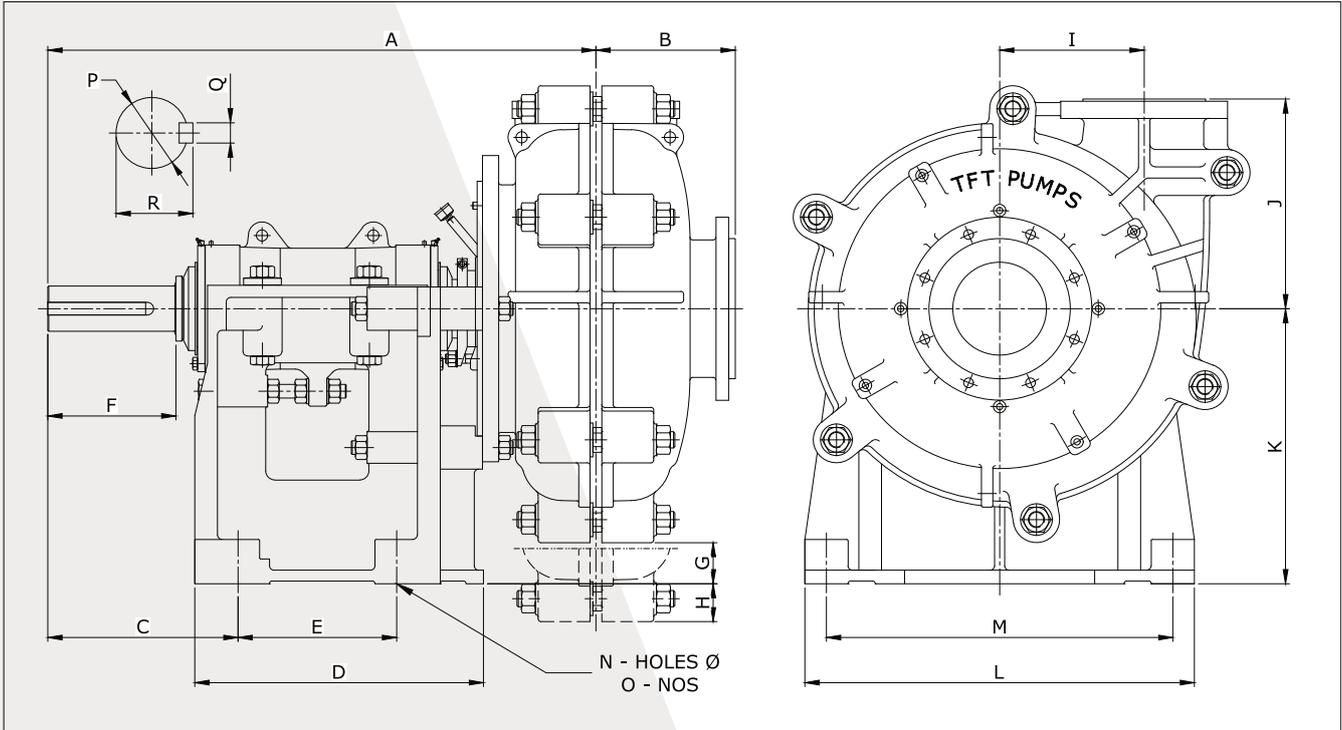


EXPELLER SEAL

MECHANICAL SEAL >

Suitable for applications where no extra substance is allowed to mix with the fluid being pumped, such as chemical or food industry.

OUTLINE DIMENSION:



PUMP MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
CAMEL1.5 x 1 B	473	112	149	248	143	80	46	-	98	176	197	295	245	14	4	28	8	31
CAMEL2 x 1.5 B	475	120	149	248	143	80	33	-	114	189	197	295	245	14	4	28	8	31
CAMEL3 x 2 C	614	158	205	311	175	123	68	-	138	215	255	406	356	19	4	42	12	45
CAMEL4 x 3 C	651	195	205	311	175	123	21	-	149	266	255	406	356	19	4	42	12	45
CAMEL4 x 3 D	751	195	258	364	213	163	96	-	149	266	330	492	432	22	4	65	18	69
CAMEL6 x 4 D	798	231	267	364	213	167	8	-	229	343	330	492	432	22	4	65	18	69
CAMEL6 x 4 E	955	231	347	448	257	223	135	-	229	343	457	622	546	29	4	80	22	85
CAMEL8 x 6 E	1005	307	347	448	257	223	-	62	318	465	457	622	546	29	4	80	22	85
CAMEL8 x 6 F	1206	307	418	635	349	280	91	-	318	465	610	857	762	35	4	100	28	106
CAMEL10 x 8 EM	1010	334	350	448	257	223	-	83	381	476	457	622	546	29	4	80	22	85
CAMEL10 x 8 F	1306	340	313	705	584	280	-	12	419	641	610	990	762	35	4	100	28	106
CAMEL10 x 8 FM	1212	334	418	635	349	280	70	-	381	476	610	857	762	35	4	100	28	106
CAMEL10 x 8 G	1580	340	421	876	749	358	229	-	419	641	851	1219	851	41	4	140	36	148
CAMEL10 x 8 RM	1077	334	273	590	490	216	-	190	381	476	350	680	560	29	4	85	22	90
CAMEL12 x 10 EM	1018	338	350	448	257	223	-	146.5	438	475	457	622	546	29	4	80	22	85
CAMEL12 x 10 F	1329	388	313	705	584	280	-	104	464	670	610	990	762	35	4	100	28	106
CAMEL12 x 10 FM	1218	338	418	635	349	280	6	-	438	475	610	857	762	35	4	100	28	106
CAMEL12 x 10 RM	1085	338	273	590	490	216	-	254	438	475	350	680	560	29	4	85	22	90
CAMEL12 x 10 ST	1431	388	350	780	620	280	-	64	464	670	650	1150	900	48	4	120	32	127

ALL DIMENSIONS ARE IN MILLIMETER (MM)

VERTICAL SLURRY PUMP –

Our slurry pumps are designed for handling abrasive and corrosive slurries whilst submerged in sumps or pit. The pump has no shaft seal, easy to maintenance and costless. Hard metal and rubber parts are optional for different applications and interchangeable. Suit for most applications where sump slurry pumps are needed.

TYPICAL APPLICATIONS:

The sump pump is widely used in feeding slurries to the hydrocyclone or pressure filter in the mining industry, froth floatation, minerals recycling, mine dewatering, flue gas desulphurization in power plant, coal washing, metallurgy, pulp and paper manufacture, and chemical engineering.

SPECIFICATIONS:

 DELIVERY SIZE
DN 40-250mm

 CAPACITY
Upto 1089m³/hr

 MATERIAL
Metal & Rubber

 HEAD
Upto 40m



CLEAR WATER PERFORMANCE TABLE –

TYPE	MAX.MOTOR POWER KW	MATERIAL		CLEAR WATER PERFORMANCE				
		LINER	IMPELLER	CAPACITY Q		HEAD H(M)	SPEED N(R/MIN)	EFF H%
				(M3/H)	(L/S)			
40P-TRVW	15	M	M	19.44-43.2	5.4-12	3.5 -28	1000-2200	38
40P-TRVW(R)		RU	RU	17.28 -39.6	4.8-11	3 -24.5	1000-2200	40
65Q-TRVW	30	M	M	23.4 -87.12	6.75 -24.2	5.5 -31.5	700-1500	51
65Q-TRVW(R)		RU	RU	22.5-105	6.25-29.15	5.5-27	700-1500	51
100R-TRVW	75	M	M	54-289	15-80.3	5-37	500-1200	56
100R-TRVW(R)		RU	RU	64.8-285	18-79.2	7.5-38	600-1200	62
150S-TRVW	110	M	M	108-479.16	30-133.1	8.5 -37	500-1000	55
150S-TRVW(R)		RU	RU	108-479.16	30-133.1	8.5-35.5	500-1000	56
200S-TRVW		M	M	189-891	52.5-247.5	6.5-37	400-850	64
250T-TRVW	200	M	M	261-1089	72.5-302.5	7.5 -33.5	400-750	60
300T-TRVW	300	M	M	288-1267	80-352	6.5-33	350-700	50

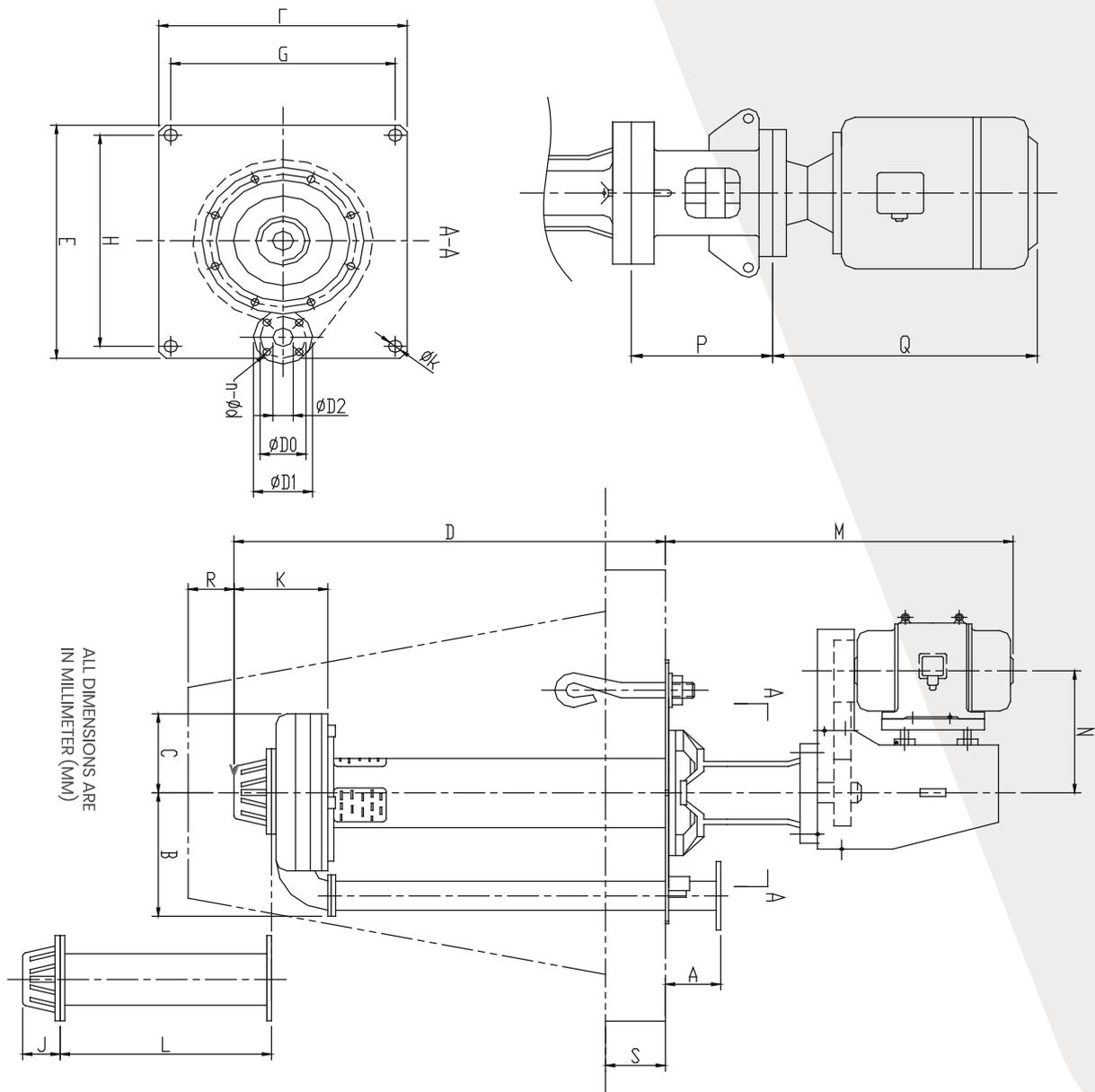
M means alloy wear-resistant material, R means rubber

KEY ADVANTAGES –

- Cantilevered shaft design;
- Semi-open impeller with Agitator option keeps solids in suspension;
- TRVW(R) models feature full rubber covering for corrosion resistance;
- Fully elastomer lined or hard metal fitted to suit application and provide extended operating life;
- No submerged bearings or packing.;
- Heavy duty bearing design;

OUTLINE DIMENSIONS:

TYPE	PUMP HEAD DIMENSIONS													MAX. DIMENSIONS WITH MOTOR				DISCHARGE FLANGE				SHAFT END DIMENSIONS	
	A	B	C	D	E	F	G	H	J	N	K	S	M	N	P	Q	D1	D2	D0	N-D	DIM	LENGTH	
40P-TRVW	137	285	153	900*/1200	500	500	450	450	205	18	174	280	1113	675	248	629	127	40	98	4-16	40	85	
40P-TRVW(L)	140	265	175		1113																		
65Q-TRVW	227	399	231	900/1200*/1500	680	680	620	620	285	18	265	350	1390	794	290	681	178	65	140	4-19	50	110	
65Q-TRVW(L)	230	380	260		1396																		
100R-TRVW	265	538	317	1200/1500*/1800	1000	870	800	930	400	22	393	350	1803	1020	416	960	229	100	191	8-19	80	170	
100R-TRVW(L)	266	535	332		1809																		
150S-TRVW	390	670	365	1500/1800*/2100	1100	1100	1030	1030	500	28	475	350	2186	1200	476	1011	280	150	241	8-22	100	210	
150S-TRVW(L)	395	670	400		2194																		
200S-TRVW	450	805	440	1500/1800*/2100	1300	1200	1100	1200	600	28	550	350	2191	1300	476	1011	343	200	298	8-22	100	210	
250T-TRVW	500	930	470	1800/2100*/2400	1750	1450	1350	1650	700	48	685	400	2572	1750	561	1246	406	250	362	12-25	100	210	
300T-TRVW	500	1170	559	1800/2100*/2400	1750	1450	1350	1650	700	48	700	400	2476	1750	561	1246	483	300	432	12-25	100	210	



SUBMERSIBLE SLURRY PUMP –

This series is a submersible three-phase cast iron high flow heavy-duty slurry pump. The cast iron body with high-chromium semi-open impeller enables it to withstand demanding conditions found in construction, aggregate and mining applications.



In Mining and steel industry, this pump is mainly used in removing, pumping process waste slurry and slag slurry. These pumps are designed with high-chrome impellers that withstand the most demanding of conditions. They perform exceptionally well in de-silting process and are very much helpful in improving the environmental aspects.

SPECIFICATIONS:

- **Max. Head :** Upto 72M
- **Max. Flowrate:** Upto 330 CUM/HR
- **Type :** Submersible
- **Wetted parts** in Hi-chrome
- **Other Parts :** Standard MoC (MS & CI)



Suitable for handling iron slag slurry and process waste slurry.



DESIGN FEATURES



The body of the motor & pump is made of rigid cast iron for long-lasting durability.



Greatly increased maximum submersion depth due to mechanical seal resistant to high pressure.



Semi-open impeller made of high chrome alloy matched with wear plate (ductile iron) achieves super durability.

MATERIALS —

- HIGH CHROME ALLOY PARTS



- NATURAL RUBBER PARTS



- POLYURETHANE PARTS



SERVICES —

Our front-line pumping services include:

- Reverse Engineering
- Pump selection & field study
- Commissioning & installation
- After-sales support
- Regular maintenance & spare parts supply
- Technical trainings
- Pump rental services



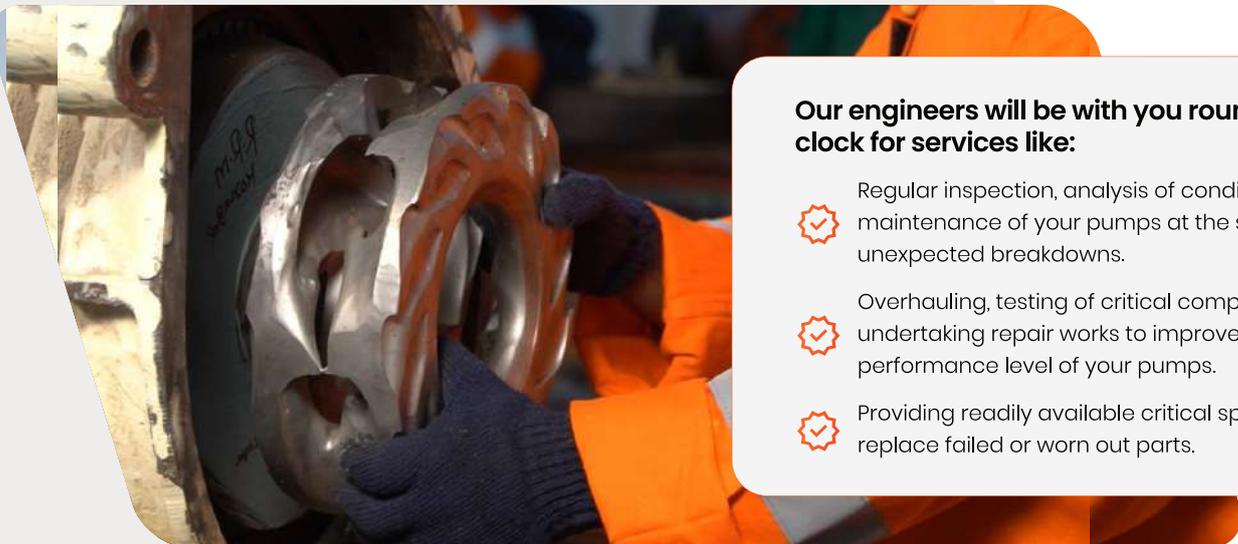
OUR CUSTOMER SUPPORT



TFT 24/7 CARE

To insure good health of your pumps, it's important to keep a check regularly.

That's why, TFT Care, a 24x7 customer support line is made accessible to every client out there to ensure 100% efficiency of both your pump and business.



Our engineers will be with you round the clock for services like:

- ✓ Regular inspection, analysis of conditions and maintenance of your pumps at the site to avoid unexpected breakdowns.
- ✓ Overhauling, testing of critical components and undertaking repair works to improve the overall performance level of your pumps.
- ✓ Providing readily available critical spare parts to replace failed or worn out parts.

REVERSE ENGINEERING —

Our reverse engineering team has comprehensive experience in replicating and replacing worn-out parts from the pump in use. We help customers in the re-creation of such parts which can serve as the alternative for sourcing specific parts of various equipment.

BEFORE:



AFTER:



OUR PRESTIGIOUS CLIENTS –



Accessible, Wherever You Are.

Now Exporting Worldwide.

GET IN TOUCH WITH US:

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