



**SUPER
TECH**®

*Performance Beyond Assurance...
Confidence Beyond Expectations...
Relationship Beyond Business...*



THE FLOW OF INNOVATION

At the heart of what we do at Super Teck is innovation. Innovation in terms of product development, design and functional parameters that translates into better performance, durability and of course, value for money. With an experience spanning over two decades, we have made our presence felt not only in India but across the globe. Our range of pumps are quite comprehensive and caters to domestic

& agricultural applications. Our facilities showcase the best in the world and we have made major investments in world class quality testing technologies to ensure that every pump sets the standard in quality and performance.

As a company that adheres to Total Quality Management and practices lean manufacturing policies, our customers are assured of top-of-the-line products that meet world standards.

SUPERTECK QUALITY IMPROVEMENT SYSTEM - SQIS TEMPLE OF TRANSFORMATION



SELF PRIMING PUMPS for Special Applications



Salient Features :

- Specially designed for quick and powerful suction
- Slow speed series with robust construction for tough operating conditions
- Suction lift up to 8 meters
- TEFC, Capacitor Start and run motor
- Built in thermal overload protector (TOP) to protect the motor from burning

Applications :

- Domestic Use
- Gardening
- Pressure Boosting system

IS : 8472



CM/L 6256671

PERFORMANCE TABLE

Speedy Suction Series for faster suction

Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet																			
				3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
				10	20	30	39	49	59	69	79	89	98	108	118	128	138	147	157	167	177	187	197
SS 52	0.37 / 0.50	25x25	Q Discharge in Lph	2800	2700	2600	2400	2200	2060	1880	1650	1440	1200	970	650								
SS 74	0.75 / 1.0	25x25	Q Discharge in Lph	2800	2560	2540	2500	2380	2250	2140	1960	1800	1620	1450	1280	1060	930	720	540				

Magic suction series for faster suction with S.S. Volute Portion

Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet																			
				3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
				10	20	30	39	49	59	69	79	89	98	108	118	128	138	147	157	167	177	187	197
SS 23	0.37 / 0.50	25x25	Q Discharge in Lph	1900	1760	1600	1400	1220	1040	850	480												
SS 53	0.75 / 1.0	25x25	Q Discharge in Lph	2100	2000	1870	1720	1580	1430	1280	1150	1000	800	640	450								
SS 73	1.1 / 1.5	25x25	Q Discharge in Lph	2950	2890	2840	2780	2720	2630	2540	2400	2290	2170	2060	1940	1720	1570	1360	1120	780	550		

Shallow well Series for 9 meters suction Lift

Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet																			
				3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
				10	20	30	39	49	59	69	79	89	98	108	118	128	138	147	157	167	177	187	197
STCSP 422	0.37 / 0.50	25x25	Q Discharge in Lph	2000	1980	1930	1900	1900	1900	1900	1900	1750	1200	720	250								
STCSP 722	0.75 / 1.0	25x25	Q Discharge in Lph	2000	1920	1900	1880	1850	1800	1800	1800	1800	1800	1800	1680	980	550	40M-450					

Slow speed series

Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet																			
				3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
				10	20	30	39	49	59	69	79	89	98	108	118	128	138	147	157	167	177	187	197
DSS2	0.37 / 0.50	25x25	Q Discharge in Lph	2500	2300	2100	1900	1700	1550	1300	1100	900	600	400									
STM 7D	0.75 / 1.0	25x25	Q Discharge in Lph	3500	3300	3100	2950	2750	2450	2200	1950	1700	1400	1200	1000	700							

LIFESTYLE SERIES

SMART e-PUMP

Operation :

Supertech pump have a inbuilt TIMER and the pump's running time can be fixed up according to need of filling the over head tank or supply to the field. The pump will automatically Swtich off at particular time and no need to monitor the pump and its switch off.

Salient Features :

- Switch OFF automaticaly
- User programmable pump running Time
- No over flow from over head tank
- Precious Time & Money Saving
- TIMER & Dry run protector
- Dry run prevention
- High bright LED display for time setting



IS : 8472



CM/L 6256671

PRESSURE BOOSTER PUMP

Operation :

Pressure Booster system can provide optimum pressure to every bathroom or water fixture in your home and garden at the same time.

Salient Features :

- Adjustable pressure setting
- Constant delivery pressure and flow
- Automatic on / off operation on opening or closing of the tap



PERFORMANCE TABLE

Applications :

- Automatic distribution of pressurized water from storage tank
- Shower and flush-outs
- High pressure water supply and car washing

Model No.	Motor Power kW / HP	Pipe Size in mm		m ³ / h	Discharge in m3 / h or lpm								
		Suction	Delivery		1 / min								
					0	1.2	2.4	3.6	4.8	6	7.2	8.4	
STCM 06	0.60 / 0.80	25 x 25		Head in mtr	30	25	21	17	6				
STCM 08	0.75 / 1.00	25 x 25			40	35	30	26	16	6			
STCM 10	1.10 / 1.50	25 x 25			50	41	37	33	29	24	18	6	
STCM 15	1.50 / 2.00	25 x 25			60	52	47	43	37	30	24	14	

CENTRIFUGAL MONOBLOCK PUMP



Salient Features :

- Dynamically Balanced Rotor with shaft and impellers
- TEFC, Capacitor Start and run motor
- Built in thermal overload protector (TOP) to protect the motor from burning
- Withstand wide voltage Fluctuations
- Double Shield Ball bearing with life long lubrication
- Sturdy motor design to withstand wide voltage fluctuation

- For various field conditions, pumps available in different voltage bandwidth A) Super low voltage = 100 V to 200V B) Single phase normal = 140 V to 250 V C) Single phase Special Design = 100 V to 300 V D) Special Design = 160 V to 420 V
- High Head Low Discharge, Medium Head Medium Discharge and Low Head High Discharge options
- All Models are available with Three Phase options

Applications :

- Hotels, Hospitals
- Water Supply in irrigation
- Sprinkler irrigation system
- Agriculture use

IS : 9079



CM/L 6344264

PERFORMANCE TABLE

High Head - Low Discharge Series

Sl.No	Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet													
					4	6	8	10	12	14	16	18	20	22	24	26	28	30
					13	20	26	33	40	46	52	59	66	72	79	85	92	98
01	STC 722	0.75 / 1.0	25x25	Q Discharge in Lph				100	95	95	95	95	95	80	48			
02	STC 732	0.75 / 1.0	32x25					120	115	110	109	107	103	102	98	90	65	
03	STC 1144	1.1 / 1.5	40x40				260	250	245	240	230	230	220	200	190	120		
04	STC 1554	1.5 / 2.0	50x40					255	255	250	250	240	240	230	230	220	175	110

Medium Head - Medium Discharge Series

Sl.No	Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet													
					4	6	8	10	12	14	16	18	20	22	24	26	28	30
					13	20	26	33	40	46	52	59	66	72	79	85	92	98
05	STC 422 E	0.37 / 0.5	25x25	Q Discharge in Lph		99	97	96	95	92	68	36						
06	STC 422	0.37 / 0.5	25x25					140	134	120	90	60	35					
07	STC 744	0.75 / 1.0	40x40				260	250	230	220	175	80						
08	STC 1154	1.1 / 1.5	50x40				480	450	440	400	350	280	19 mtr-240					
09	STC 1155	1.1 / 1.5	50x50				530	500	470	410	350	290	19 mtr -230					
10	STC1165	1.1 / 1.5	65x50				550	500	460	400	300	17 mtr-240						
11	STC 1555	1.5 / 2.0	50x50				430	390	350	315	280	240	190	140				
12	STC 1565	1.5 / 2.0	65x50				630	580	550	520	440	360	240					
13	STC 1576	1.5 / 2.0	80x65				630	570	510	420	270							

Low Head - High Discharge Series

Sl.No	Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet											
					4	5	6	7	8	9	10	11	12	13	14	
					13	16	20	23	26	30	33	36	40	43	46	
14	STC 444	0.37 / 0.5	40x40	Q Discharge in Lph					300	280	250	240	180	120		
15	STC 755	0.75 / 1.0	50x50						420	400	340	300	270			
16	STC 1577	1.5 / 2.0	80x80				920	870	830	790	740	660	550	450		

OPENWELL SUBMERSIBLE PUMP



Salient Features :

- Carbon bushes on both sides for less friction and better motor efficiency
- Carbon thrust bearings at both driving and rear end for high efficiency and performance
- Shaft and all fasteners are stainless steel 410 Grade
- Superior quality Nitrile pressure adjusting diaphragm for motor safety
- Vertical Open well pumps for high head requirements
- Withstand wide voltage Fluctuations
- High graded oil seals to prevent sand entry into the motor
- Epoxy coated machined component

Applications :

- Hotels, Hospitals and Apartments
- Gardening & Fountain
- Domestic and Minor irrigation

IS : 14220



CM/L 6925688

PERFORMANCE TABLE

Horizontal Openwell Submersible Pump

Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet														
				4	6	8	10	12	14	16	18	20	22	24	26	28	30	
				13	20	26	33	39	46	52	59	66	72	79	85	92	99	
STSO 422	0.37 / 0.5	25x25	Q Discharge in Lpm				162	153	138	120	96	60	24					
STSO 522	0.55 / 0.75	25x25				174	168	156	140	122	96	72	36	12				
STSO 722	0.75 / 1.0	25x25						198	177	162	147	132	114	96	72	39		
STSO 732	0.75 / 1.0	32x25								170	155	150	120	100	90	60	35	
STSO 1144	1.1 / 1.5	50x40						310	290	275	250	225	200	170	140	100	30	

Vertical Openwell Submersible Pump

Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet						
				10	20	30	40	50	55	60
				33	66	98	131	164	180	197
STVO 732	0.75 / 1.0	32	Q in Lpm	105	93	82	87	48	38	23

240 Volts, 50Hz, AC,
Single Phase Supply



BORE WELL SUBMERSIBLE PUMPS (100 mm / 4")



Salient Features :

Motor

- Motor construction in integral locking method for easy servicing
- Copper rotor for better connectivity
- International NEMA standard spline coupling to enable inter-changeability
- Carbon thrust bearing for less friction and better efficiency even at low voltage field conditions
- Reinforced motor design to withstand wide voltage fluctuations

Pump

- To ensure pump stability and perfect alignment, an additional protection is provided in the pump portion.
- Sand guard provision in both lower and upper portion of the pump
- SS insert in all noryl diffusers for wear & tear resistance even in sandy bore wells.
- NRV to avoid water hammering effect to the pump

Applications :

- Domestic and Minor Irrigation
- Residential Complexes and high rise Buildings
- Drip and Sprinkler Irrigation
- Fountains and Special applications

PERFORMANCE TABLE

V4 - Regular Series

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:2000 LPH Series / 32mm Pipe Size								
					15	21	27	33	39	45	51	57	
01	ST2 07/10	0.55 / 0.75	10	Head in Meter	55	53	50	47	45	41	34	27	
02	ST2 10/12	0.75 / 1.00	12		66	64	60	56	54	49	41	33	
03	ST2 15/18	1.10 / 1.50	18		99	96	90	85	81	74	61	49	
04	ST2 20/25	1.50 / 2.00	25		138	133	125	83	113	103	85	68	

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:4000 LPH Series / 32mm Pipe Size								
					25	35	45	55	65	75	85	95	
01	ST4 07/7	0.55 / 0.75	7	Head in Meter	36	34	33	29	23.5	20	14	9	
02	ST4 10/10	0.75 / 1.00	10		51	49	47	41	34	29	20	13	
03	ST4 10/12	0.75 / 1.00	12		62	58	57	50	40	34	24	15	
04	ST4 15/15	1.10 / 1.50	15		77	73	71	62	50	43	30	19	
05	ST4 20/18	1.50 / 2.00	18		93	87	85	75	60	51	36	23	

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:5000 LPH Series / 40mm Pipe Size								
					50	70	90	110	130	150			
01	ST5 07/6	0.55 / 0.75	6	Head in Meter	33	30	25	20	14	8.5			
02	ST5 10/8	0.75 / 1.00	8		44	40	33	27	19	11			
04	ST5 15/12	1.10 / 1.50	12		66	60	50	40	28	17			
05	ST5 20/16	1.50 / 2.00	16		88	80	67	53	37	23			

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:7000 LPH Series / 40mm Pipe Size								
					60	80	100	120	140	160			
01	ST7 10/5	0.75 / 1.00	5	Head in Meter	26	24	22	20	15	12			
02	ST7 15/7	1.10 / 1.50	7		36	34	31	28	21	17			
03	ST7 20/10	1.50 / 2.00	10		52	48	44	40	30	24			

V4 - High Head Series

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:1000 LPH Series / 32mm Pipe Size									
					10	20	25	30	35	40	45	50		
01	STR1 07/10	0.55 / 0.75	10	Head in Meter	68	61	56	51	43	36	29	23		
02	STR1 10/14	0.75 / 1.00	14		95	85	78	71	60	50	41	32		
03	STR1 15/21	1.10 / 1.50	21		143	128	118	107	90	76	61	48		
04	STR1 20/25	1.50 / 2.00	25		170	153	140	128	108	90	73	58		

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:3000 LPH Series / 32mm Pipe Size							
					25	35	45	55	65	75	85	
01	STR3 07/6	0.55 / 0.75	6	Head in Meter	41	38	34	30	24	19	12.5	
02	STR3 10/8	0.75 / 1.00	8		55	51	45	40	32	25	17	
03	STR3 15/12	1.10 / 1.50	12		82	76	68	60	48	38	25	
04	STR3 20/16	1.50 / 2.00	16		109	101	91	80	64	51	33	

JET-PUMP



Salient Features :

- High quality extruded aluminium motor body
- Double shield ball bearing
- Gun Metal Jet assembly

Applications :

- Domestic Use, Gardening
- Borewell applications

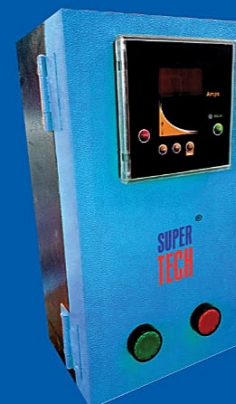
Performance Table :

Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	Depth to low water level in meters / feet										
				5	10	15	20	25	30	35	40	45		
				Feet	16	33	49	66	82	98	115	131	148	
STJA 1032	0.75 / 1.0	35x25x25	Q Discharge in Lph	2400	2300	2100	1500	1000	700	400	200			
STJA 1043	0.75 / 1.0	40x32x25		2450	2350	2150	1550	1050	750	450				
STJA 1032 2S	0.75 / 1.0	32x25x25		1550	1450	1150	1150	1150	1050	900	700	650		

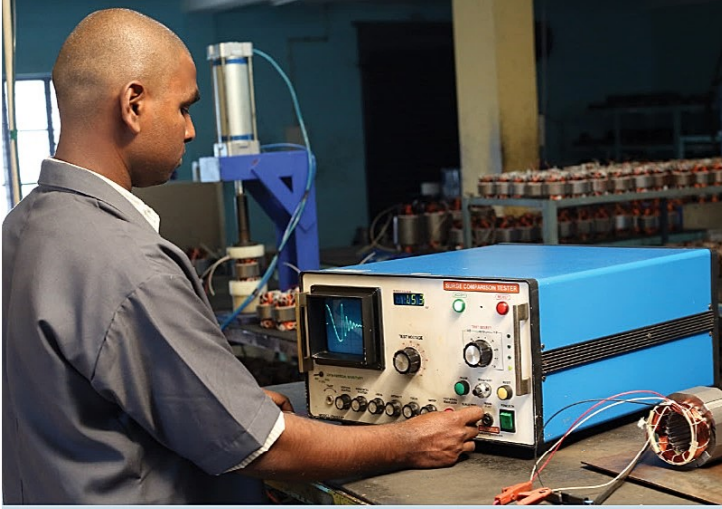
ELECTRONIC CONTROL PANELS for Submersible Pumps

Salient Features:

- Switch ON & OFF automatically
- Dry run and over load Protection
- Digital Display for Amps & Voltage read out
- User programmable Amps control
- Auto / Manual option
- Float Control Option
- Dry run Programmable Timer



The Readings given in the above charts are as per our lab tests , there may be slight variations in the performance due to voltage fluctuations and improper installation. In view of continuous developments, the information given in the catalogue is subject to change without notice.



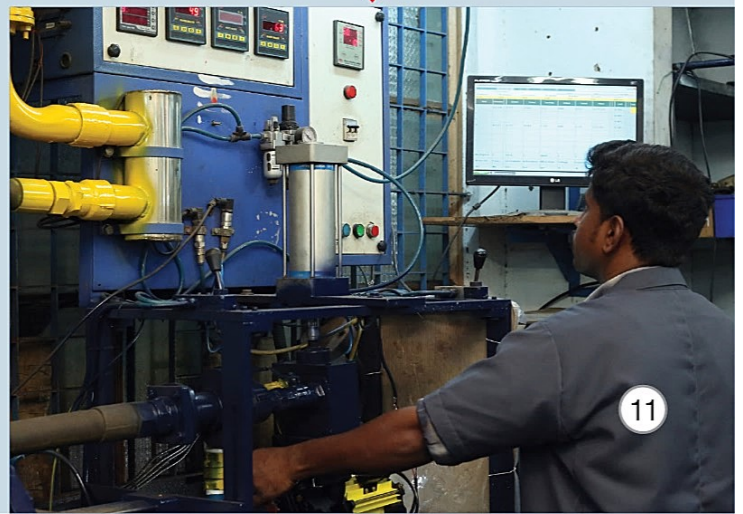
**SUPER
TECH**®

CNC & SPM MACHINE SHOP

- High accuracy for Pump Components
- Perfect Product alignment / Noiseless operation
- Less wear & Tear
- High Product durability
- Better Pump Performance
- High Volume with high consistency
- High Product efficiency
- Better Value added Product

Automatic Coil Winding Machine

- Uniform /Accurate Winding copper Weight
- Perfect insulation
- Perfect Winding overhang /Forming
- Accurate Winding Wire resistance
- Accurate / Lesser Motor Load Current
- Increased Motor Efficiency
- Increased Power Saving (Less input Power)
- Lesser Temperature Rise
- Wide Voltage Operation



LEAN Manufacturing

- High Component accuracy maintained
- Single piece flow
- High Efficiency / Performance maintained in the controlled work station
- Strict Quality Control Process maintained for better product
- Better input material for Un-interrupted product flow
- Enhanced Product Efficiency
- In built Quality Assurance at every process
- Inter-dependent process control ensures defect free product at every stage

Balancing Process

- Increase Bearing Life & Smooth starting
- Less wear & Tear
- Perfect Distribution of Rotor Mass
- Very Minimum un balanced Mass
- Uniform Rotor Torque
- Better Low Voltage Operation
- Better Performance with increased hydraulic efficiency
- Motor running close to the centre line with Minimum unbalanced mass and have high bush life.

LIFESTYLE SERIES

PRESENTING INDIA'S FIRST

**ELECTRONIC
TIMER PUMP**

SUPERTECH
SMART e-PUMP

Patent Pending ref. No. 6359 / CHE / 2014

Operation :

Supertech pump have a inbuilt TIMER and the pump's running time can be fixed up according to need of filling the over head tank or supply to the field. The pump will automatically Switch off at particular time and no need to monitor the pump and its switch off.

Salient Features :

- Switch OFF automatically
- User programmable pump running Time
- No over flow from over head tank
- Precious Time & Money Saving
- TIMER & Dry run protector
- Dry run prevention
- High bright LED display for time setting

IS : 8472



CML 6256671



CENTRIFUGAL MONOBLOCK PUMP

Salient Features :

- Dynamically Balanced Rotor with shaft and impellers
- TEFC, Capacitor Start and run motor
- Built in thermal overload protector (TOP) to protect the motor from burning
- Withstand wide voltage Fluctuations
- Double Shield Ball bearing with life long lubrication
- Sturdy motor design to withstand wide voltage fluctuation
- For various field conditions, pumps available in different voltage bandwidth
 - A) Super low voltage = 100 V to 200V
 - B) Single phase normal = 140 V to 250 V
 - C) Single phase Special Design = 100 V to 300 V
 - D) Special Design = 160 V to 420 V
- High Head Low Discharge, Medium Head Medium Discharge and Low Head High Discharge options
- All Models are available with Three Phase options



STC 732



STC 1565



STC 1577

IS : 9079



CML 6344264

Applications :

- Hotels, Hospitals
- Water Supply in irrigation
- Sprinkler irrigation system
- Agriculture use