



Series-T
20/35/50

SERIES T-20/T-35/T-50

MOBILE PUMP (Engine Coupled Pump)



Sri Pumps Manufacturing Company, Rajahmundry, introduces new product in the market known as Mobile Pump. The Centrifugal Pump is directly coupled to Diesel Engine by extending the SS shaft with complete alignment to facilitate drawing any leakage through packing arranged for minimal friction and perfect sealing. Each Pump shall be supplied complete as per factory standard design.

The main feature of this Pump is, its mobility. The Pump is duly provided with an attractive Stainless Steel Trolley with support, it can be carried to any where and can be operated easily. The material construction of these Pumps is Stainless Steel 316G makes them more suitable for Food, Pharma, Cosmetic, Breweries and Milk Processing Industries.

These Pumps meet the demands and obsolete requirement in hygienic to ensure the gentle product treatment. These Pumps have low noise, simple, efficient and economic in design and are easy to maintain. These Pumps can be run by Petrol, Kerosene or Diesel and are available in three models T-20, T-35, T-50.

Sripumps Engine coupled Pumps meets the uncompromising requirements in hygiene to ensure the gentle product treatment in food / Agro process industries. The Pump is compactly designed by extending the SS Shaft coupled with engine with complete alignment to facilitate draining any leakage through packing, results in perfect sealing.

These Pumps have low noise, simple, efficient and economic design and are easy to maintain, they can run by Petrol / Kerosene or Diesel made available in three different capabilities.

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Product

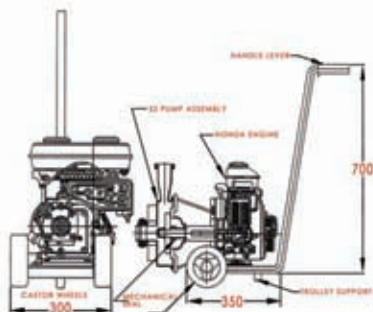
MODEL NO T-20

PUMP SPECIFICATIONS

PUMP TYPE	: T - 20(2.0 HP)
IMPELLER	: Ø120 MM
TYPE OF IMPELLER	: OPEN IMPELLER
SUCTION	: 38 MM / Optional 51 MM
DISCHARGE	: 38 MM / Optional 51 MM
FRAME SIZE	: 300X350X700 MM

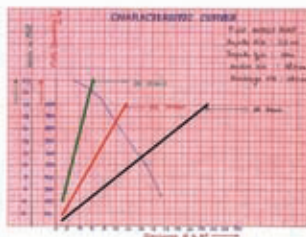
ENGINE SPECIFICATIONS

Engine Type	: Side Valve, 4 Stroke, Air Cooled, Horizontal shaft, Single Cylinder
Displacement	: 97 CC
Compression Ratio	: 4.8:1.0
Fuel	: Petrol Start & Kerosene Run Petrol start & Petrol run
Max. Horse Power	: 1.8Hp (1.3Kw)/4200RPM
Fuel tank Capacity	: Kerosene-1.5 Litres & Petrol-0.25 Litres
Lubricating oil Capacity	: 0.4 Litres
P.T.O Shaft Rotation	: Counter clockwise from drive end
Dry Weight	: 10.5 kg.
Dimensions	: 275 x 263 x 340 mm.
Starting	: Recoil Start



CHARACTERISTIC CURVES

S/N	CAPACITY		HEAD
	IN LPH	Cu.m/HR	IN MWC
1	21500	21.50	6
2	19600	19.60	8
3	15500	15.50	10
4	12000	12.00	12
5	6800	6.80	14
6	0.00	0.00	17



MODEL NO T-35

PUMP SPECIFICATIONS

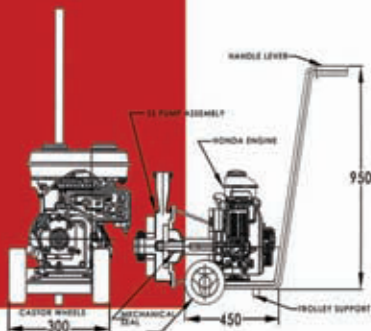
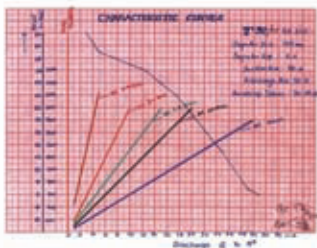
PUMP TYPE	: T - 35 (3.5 HP)
IMPELLER	: Ø165 MM
TYPE OF IMPELLER	: SEMI OPEN IMPELLER
SUCTION	: 51 MM
DISCHARGE	: 51 MM
FRAME SIZE	: 300X350X700 MM

ENGINE SPECIFICATIONS

Engine Type	: Side Valve, 4 Stroke, Air Cooled, horizontal shaft, Single Cylinder
Displacement	: 197 CC
Compression Ratio	: 4.5:1.0
Fuel	: Petrol Start & Kerosene Run Petrol start & Petrol run
Max. Horse Power	: 3.6Hp (2.7Kw)/3600 - 4000RPM as per IS: 7347
Fuel tank Capacity	: Kerosene-3.9 Litres & Petrol-0.4 Litres
Lubricating oil Capacity	: 0.7 Litres
P.T.O Shaft Rotation	: Counter clockwise from drive end
Dry Weight	: 18 kg.
Dimensions	: 338 x 404 x 423 mm.
Starting	: Recoil Start

CHARACTERISTIC CURVES

S/N	CAPACITY		HEAD
	IN LPH	Cu.m/Hr	IN MWC
1	38500	38.50	18
2	34200	34.20	20
3	29000	29.00	22
4	23000	23.00	24
5	16200	16.20	26
6	6800	6.80	28
7	0	0.00	30



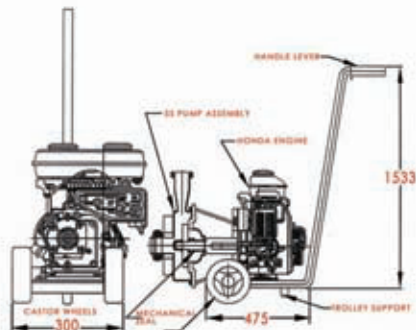
MODEL NO T-50

PUMP SPECIFICATIONS

PUMP TYPE	: T – 50 (5.0 HP)
IMPELLER	: Ø155 MM
TYPE OF IMPELLER	: CLOSED IMPELLER
SUCTION	: 51 MM
DISCHARGE	: 51 MM
FRAME SIZE	: 300X475X1500 MM

ENGINE SPECIFICATIONS

Engine Type	: Side Valve, 4 Stroke, Air Cooled, Horizontal shaft, Single Cylinder
Displacement	: 272 CC
Compression Ratio	: 4.8:1.0
Fuel	: Petrol Start & Kerosene Run Petrol start & Petrol run
Max. Horse Power	: 5.5Hp (3.97Kw)/3600RPM(SAE No. J607a)
Fuel tank Capacity	: Kerosene–5.2 Litres & Petrol–0.4 Litres
Lubricating oil Capacity	: 1.2 Litres
P.T.O Shaft Rotation	: Counter clockwise from drive end
Dry Weight	: 24.5 kg.
Dimensions	: 383 x 405 x 464 mm.(Q.type) : 373 x 407 x 464 mm.(W.type)
Starting	



CHARACTERISTIC CURVES

S/N	CAPACITY		HEAD
	IN LPH	Cu m/hr	IN MWC
1	50000	56.0	14
2	53000	53.0	16
3	49500	49.5	18
4	45000	45.0	20
5	41000	41.0	22
6	37500	37.5	24
7	30000	30.0	26
8	23000	23.0	28
9	6800	6.80	30
10	2800	2.80	32
11	0.00	0.00	34



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