

Specifications

ENGINE

Tata 497TC, 4 Cylinder Water Cooled Diesel Engine Rated power for crane 90 BHP @ 2800 RPM or equivalent engine.

TRANSMISSION

Synchromesh transmission Type 5 forward, 1 reverse speed

 Speed Travel Speed 45 Kmph with out load Clutch Hydraulic clutch especially designed

for crane application

STEERING

Articulated power steering, through steering wheel Type

 Articulation 45 degree Turning Radius 5900 mm

OPERATIONAL TIMINGS

(no load at rated engine RPM) Boom raising

18-21 secs Boom Lowering 13-15 secs

Telescopic Extension

11-14 secs

Out 16-20 secs

 Hoist Line Speed 70-80 m/min, on 4th layer

BRAKES

Front Wheel Pneumatically assisted hydraulic brakes Rear Wheel Air brakes spring loaded brake, air released

 Parking TRACK

 Front 1840 mm (center of twin wheels) Rear 1910 mm (center of wheels)

TYRES Front 11.00x20-16PR(Four Nos.)

Rear 14.00x25-20PR(Two Nos.)

2440 mm AISLE WIDTH

BOOM

4 part Boom, Hydraulically telescopic Telescoping synchronised

Through two nos. cylinders Derricking

HOIST MECHANISM

Hoist 5 falls, Hydraulic winch, with over hoist

switch block with 11.5 m hook travel, safety brake on hoist, Rope dia 13 mm HYDRAULIC SYSTEM

Steel body high speed gear type Pump

hydraulic pump

 Control Valve 4 spool control valve with built in pressure relief valve for trouble free operation

 Hydraulic Filter Suction line has a 100 mesh inline strainer while return line has 25 microns full flow filter

2982

ELECTRICAL SYSTEM

Type 12V Single battery, Negative earth

CAPACITIES

 Fuel Tank 120 Ltrs. Hydraulic Tank 120Ltrs.

OPERATING WEIGHT 13500 Kgs.

STANDARD ACCESSORIES

- Front mounted all weather spacious cabin
- Tools and tackle box
- Front Bumper
- Option spool for drag operation
- OPTIONAL ACCESSORIES
- Safe load system Fly Jib - 2.3 m
- Fire Extinguisher
- Stereo cassette player
- Air Conditioned cabin

- Drag winch with outriggers
- Fire Extenguisher Spark Arrester

Cabin fan

Reflectors

Rear view mirror

Turn & Reverse lamp

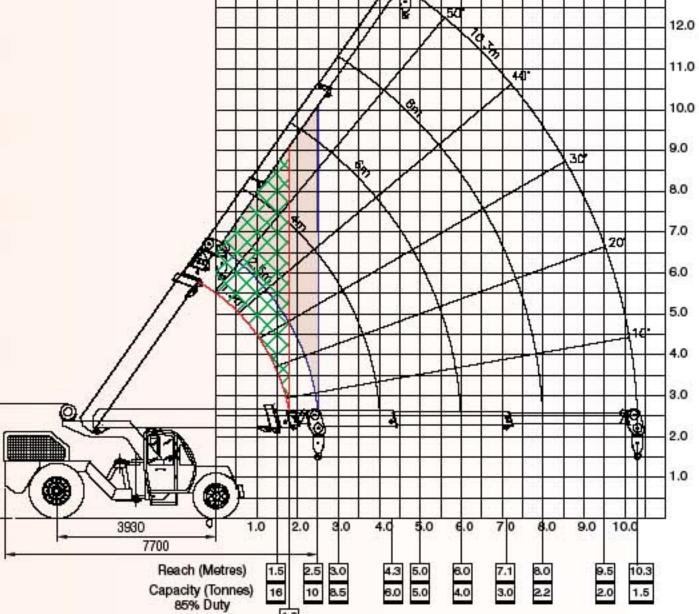
- Man carrying basket
- Beacon Light

HP 216

13.0

SAFETY SYSTEM

- Safety brakes on hoist
- Hose protection failure device Hydraulic cut off with safe load system



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