

2014

Omega Clarke 32T (36D) Forklift Truck

MODEL

Omega model 36D Forklift Truck.

NOMINAL CAPACITY

32,000kg @ 1,200mm Load Centre.

MANUFACTURED

- Australian designed and manufactured in Hornsby, NSW.

ENGINE

- Cummins QSC6.7-230, 6 Cyl, turbo-charged and air cooled.
- Rated 172kW@2200RPM. Comply to EC Tier3. Highpower.
- Engine protection system and audiovisual warning systems.
- Heavy duty air/pre-cleaner with safety element and indicator.

TRANSMISSION

- Dana "TE17" series power-shift automatic transmission.
- 3 speeds forward and 3 speeds reverse.
- APC200 fully automatic electronic shift control provides Smooth Shift automatic shift protection
- Forward and reverse shift lock-out.
- Transmission de-ration for protection.

WHEELS & TYRES

- 6 x 1600 x 25 x 28 ply lug pattern pneumatic tyres.

DRIVE AXLE

- Kessler heavy duty drive axle with planetary hub reductions.



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STEERING SYSTEM

- Hydrostatic single steer cylinder system.
- Provides effortless, reliable control.
- Laminated beam construction protects steer axle.
- Fixed draglinks for minimum maintenance.
- Wheel nut protection with one piece rim mounting flange.
- One piece rim clamping for steer wheels.
- Centralised lubrication for oscillation points.

BRAKES

- Fully hydraulic, oil cooled, multi disc wet type.
- Hydraulic accumulator for safe operation.
- Spring applied oil release disc type parking brake.

UPRIGHT

- 6,700mm maximum lift height with no free-lift.
- 5,970mm overall height lowered.
- Two stage mast twin lift cylinder - high visibility mast.
- Two-speed lift system.
- Centralised lube on for upright pivot points

FORKS

- 105 x 330 x 2,440mm fork tynes.
- Roller mounted for smooth load bearing movement.

CARRIAGE

Heavy duty design with Integrally mounted cylinders for:

- Hydraulic side-shift.
- Hydraulic fork positioning.

ELECTRICAL SYSTEM

- 24V System.
- Push button reset circuit breaker protection.
- Harnesses in protective conduit.
- Full light package includes:
 - Front and rear work lights.
 - Flashing amber beacon (4).
 - Rear combination lights includes turn, stop, tail.

HYDRAULICS

- Servo controlled with accumulators for system protection.
- Gear type pumps for reliability.
- Analogue multi gauge for hydraulic system pressure checks.

OPERATOR'S CABIN

- Fully enclosed pillar-less cabin centre of chassis.
- Air Conditioned & top window retractable blind.
- Additional tropical "air-conditioning" pack.
- Tinted and laminated safety glass.
- Luxury Suspension seat with hi-vis retractable seatbelt.
- Adjustable steering column for height and tilt.
- Joystick controls for lift and tilt functions.
- Button operation for auxiliary hydraulic functions.
- IQAN "Omega" Data Monitoring System incorporating:
 - Engine management;
 - Transmission management;
 - Hydraulic function system performance;
 - Overall system protection;
 - Weight sensing functions;
 - Digital weight gauge.
- 2 x external mirrors and 1 x internal mirror.
- Wipers and washers – front, rear and roof.
- Includes emergency exit for added operator safety.
- Hand rails providing three points of contact at all levels.

EQUIPMENT INCLUDED

- Distinguishable steps with anti-slip tread.
- Gas strut assisted hoods and bonnets
- Fire extinguishers & one mounted in cabin.
- Hi Visibility striping as per mine site standards
- Lockable battery isolator
- 2 x external mirrors and 1 x internal mirror.
- Reversing alarm.
- Operators and parts manuals in CD and hard copy.



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