

SPECIFICATIONS

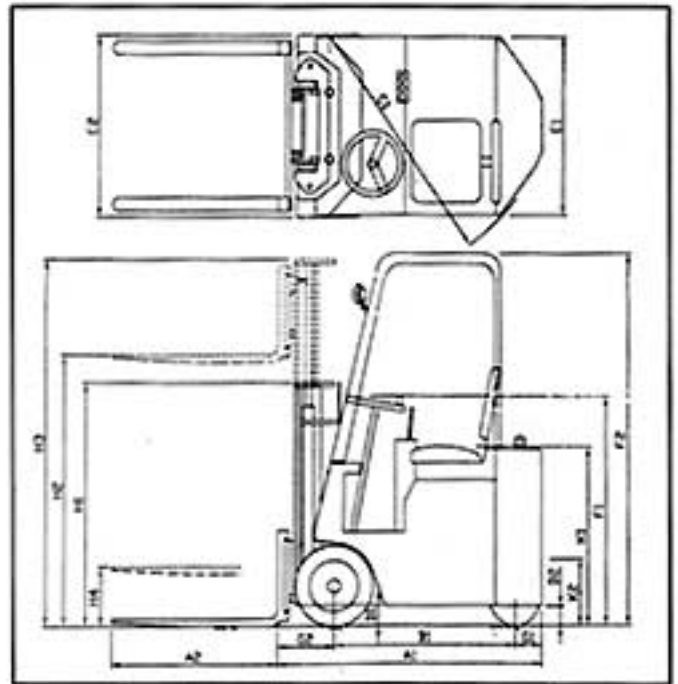
MODEL : JFL 10 / JFL 15

STANDARD DIMENSIONS

JFL 1500

| | | | |
|--|-----|----------------|----------------|
| CAPACITY | | : 1500 KGS | : 1000 KGS |
| AT LOAD CENTER | | : 500 MM | : 500 MM |
| OVERALL LENGTH | □A1 | : 1800 MM | : 1546 MM |
| FORK LENGTH | □A2 | : 1000 MM | : 1000 MM |
| WHEEL BASE | □B1 | : 1280 MM | : 1088 MM |
| TURNING RADIUS | □C1 | : 1590 MM | : 1410 MM |
| UNDER CLEARANCE (MAST) | □D1 | : 100 MM | : 100 MM |
| UNDER CLEARANCE (CHASSIS) | □D2 | : 100 MM | : 100 MM |
| POWER UNIT WIDTH | □E1 | : 1000 MM | : 1000 MM |
| OVERALL WIDTH | □E2 | : 1020 MM | : 1020 MM |
| OVERALL HEIGHT (EXCLUDING MAST & OVER HEAD GUARD) | □ | | |
| | □F1 | : 1300 MM | : 1300 MM |
| OVER HEAD GUARD HEIGHT | □F2 | : 2000 MM | : 2000 MM |
| REAR OVERHANG | □G1 | : 170 MM | : 165 MM |
| FRONT OVERHANG | □G2 | : 350 MM | : 300 MM |
| MAST TYPE | | : TWIN | : TWIN |
| MAST CLOSED HEIGHT | □H1 | : 2505 MM | : 2505 MM |
| MAX. FORK HEIGHT | □H2 | : 4100 MM | : 4100 MM |
| RAISED HEIGHT | □H3 | : 3600 MM | : 3600 MM |
| FREE LIFT | □H4 | : 260 MM | : 260 MM |
| SEAT HEIGHT | □K1 | : 1003 MM | : 1003 MM |
| TOWING HEIGHT | □K2 | : 380 MM | : 380 MM |
| TRAVEL SPEED UNLADEN | | : 12 KMPH | : 14 KMPH |
| TRAVEL SPEED LADEN | | : 10 KMPH | : 12 KMPH |
| LIFT SPEED UNLADEN | | : 15 MPM | : 16 MPM |
| LIFT SPEED LADEN | | : 10 MPM | : 10.5 MPM |
| TILT FORWARD / BACKWARD | | : 3° / 8° | : 3° / 8° |
| NEGOTIABLE GRADIENT | | : 10% | : 10% |
| BATTERY VOLTAGE | | : 48 VOLT | : 48 VOLT |
| CAPACITY AT 5 HR. RATE | | : 19 KWH | : 14.4 KWH |
| FRONT WHEELS CUSHION RUBBER | | : 508 X 152 MM | : 400 X 127 MM |
| REAR WHEELS | | : 400 x 125 MM | : ----- |
| □CUSHION RUBBER | | : ----- | : 300 X 125 MM |
| FORK SPREAD | | : 900 MM | : 900 MM |
| 90° STACKING AISLE WITH 1000 x 1000 PALLET | | : 3150 MM | : 2900 MM |

BATTERY OPERATED FORK LIFT = 1000 KGS / 1500 KGS



TECHNICAL INFORMATION

The new Electric Counter Balance Truck from Jaldoot is designed for maximum manoeuvrability. With its low center of gravity, the very stable twin central rear wheel design utilises a compact rugged differential cum all spur gear reduction front drive axle. The cabin is ergonomically designed for safety and comfort for the operator with all controls on easy access.

This truck features clear view masts with widely spaced uprights and have large diameter roller. Also built into the mast system is the tilting type fork carriage aimed at reducing the maintenance cost and easy serviceability.

The truck's easily accessible electronic controller can be used to customise various features such as braking, acceleration, delay, creep speed, current limit, under voltage protection etc.

DRIVE AXLE ASSEMBLY

The drive axle assembly comprises differential and reduction gear box assembly forming an integral unit and is mounted directly to the main chassis. The all spur gear assembly makes the unit compact and rugged.

STRUCTURE

Unit construction chassis is an integral welded steel structure built to take severe use by distributing stresses. Heavy gauge steel plant and continuous seam welding is used throughout the chassis. The battery compartment extends right up to the bottom of the chassis resulting in low center of gravity. No components are thus coming under the battery. Batteries can be rolled out of the truck side ways, eliminating use of expensive and cumbersome lifting equipment, thus saving time.

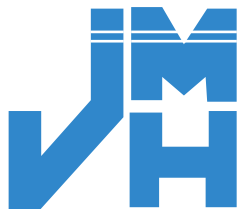
HYDRAULIC SYSTEM

Heavy duty gear pump is mated to hard chrome plated lift and tilt cylinders providing smooth lift and tilt performance with modest power consumption. The tilt arrangement is incorporated on the fork carriage frame itself thus preventing tilting of the entire mast and increasing stability. Full system filtration through fine micron filter on the hydraulic line prevents ingress of foreign material to the system.

Built in relief valve protects entire system from overload pressure. Compensating flow control valve at the base of the lift jack assembly regulates the maximum lowering speed. Clear view mast assembly provides unobstructed view for the operator.

STEERING ASSEMBLY

The twin rear wheel assembly mounted on heavy duty bearings, articulates on central pivot ensuring total contact even on uneven surfaces and eliminates tyre wringing. The steering linkage consisting of tie rods and ball joints reduces steering effort.



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