

SPECIFICATIONS

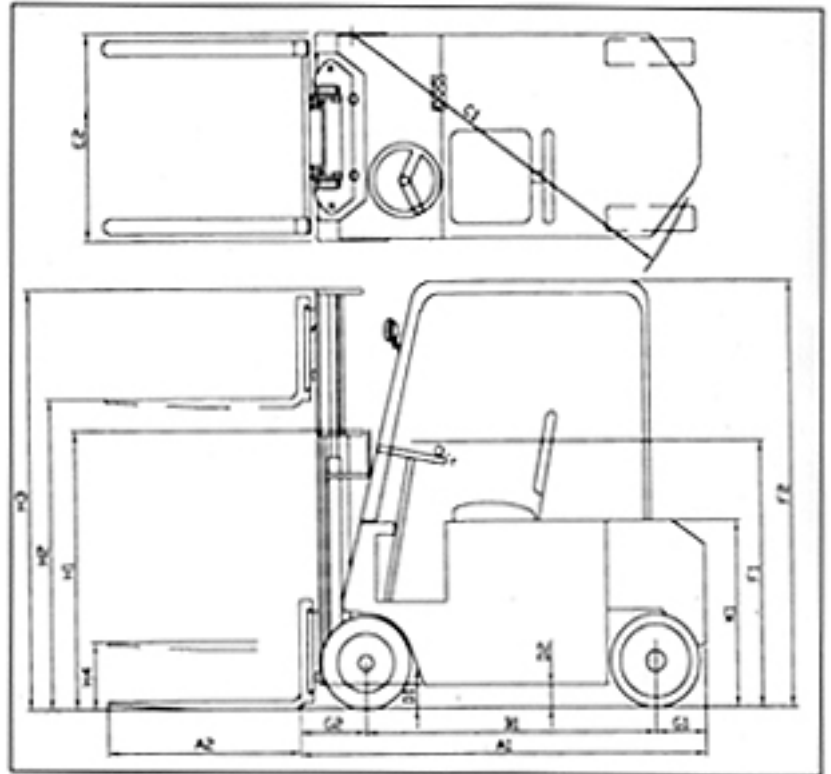
MODEL : JFL 2000

STANDARD DIMENSIONS

JFL 2000

CAPACITY	:	2000 KGS
AT LOAD CENTER	:	500 MM
OVERALL LENGTH	□A1	: 2080 MM
FORK LENGTH	□A2	: 1000 MM
WHEEL BASE	□B1	: 1500 MM
TURNING RADIUS	□C1	: 1800 MM
UNDER CLEARANCE (MAST)	□D1	: 100 MM
UNDER CLEARANCE (CHASSIS)	□D2	: 100 MM
POWER UNIT WIDTH	□E1	: 1020 MM
OVERALL WIDTH	□E2	: 1030 MM
OVERALL HEIGHT (EXCLUDING MAST & OVER HEAD GUARD)	□	:
□	□F1	: 1300 MM
OVER HEAD GUARD HEIGHT	□F2	: 2000 MM
REAR OVERHANG	□G1	: 230 MM
FRONT OVERHANG	□G2	: 350 MM
MAST TYPE	:	TWIN
MAST CLOSED HEIGHT	□H1	: 2505 MM
MAX. FORK HEIGHT (MFH)	□H2	: 3600 MM
RAISED HEIGHT	□H3	: 4100 MM
FREE LIFT	□H4	: 260 MM
SEAT HEIGHT	□K1	: 1003 MM
TOWING HEIGHT	□K2	: 380 MM
TRAVEL SPEED UNLADEN	:	: 11.0 KMPH
TRAVEL SPEED LADEN	:	: 10.5 KMPH
LIFT SPEED UNLADEN	:	: 12 MPM
LIFT SPEED LADEN	:	: 8 MPM
TILT FORWARD / BACKWARD	:	: 3° / 8°
NEGOTIABLE GRADIENT	:	: 10%
BATTERY VOLTAGE	:	: 48 VOLT
CAPACITY AT 5 HR. RATE	:	: 23.28 KWH
FRONT WHEELS	:	: 508 X 152 MM
REAR WHEELS	:	: 457 x 127 MM
FORK SPREAD	:	: 900 MM
90° STACKING AISLE WITH 1000 x 1000 PALLET INCLUDING 200 MM ALLOWANCE	:	: 3350 MM

BATTERY OPERATED FORK LIFT = 2000 KGS



TECHNICAL INFORMATION

The new Electric Counter Balance Truck from Jaldoot is designed for maximum manoeuvrability. Low slung battery lowers the center of gravity and differential cum all spur gear reduction front axle makes the truck compact and rugged. 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.

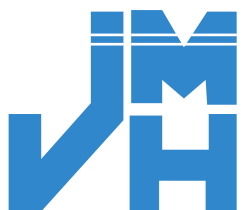
STRUCTURE

Unit construction chassis is an integral welded steel structure built to take severe use by distributing stresses. Heavy gauge steel plate and continuous seam welding is used throughout the chassis. The battery compartment extends right upto 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.



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