

JCPD 15 W

(AC Drive)
Electric Pedestrian Counter Balance Stacker
(Capacity 1500 Kg.)

- MOSFET Programmable Step-less Speed Controller
- Fully-integrated AC Traction System
- Panorama Mast for excellent Visibility of load during Operation
- Industry leading Performance
- Ergonomically designed for enhanced Productivity, Safety & Serviceability

The Jost's Electric Pedestrian Counter Balance Stacker, type JCPD has been designed specially for the flexible handling of palletised loads in dual mode either as Pedestrian or stand-on Counter Balance stacker. Through its widened arms and forks which can be lowered almost to the ground, it can be used to pick up unit loads on closed pallets. Jost's Counter Balance Stackers with AC technology provides additional advantage of reduced maintenance, improved power utilisation and improved battery life.



OPERATOR AREA:

The low hinged handle provide ample scope for greater maneuverability. The safety and emergency stop buttons provide maximum safety for the operator. The centrally mounted steering tiller head enables the operator to position the equipment.



DRIVE & DRIVE CONTROL

Powerful 1.5 Kw high performance AC motor of 1 hour rating, efficiently drives a low noise, two stage compact gear unit mounted directly on to the drive wheel. The Microprocessor based MOSFET controller provide smooth and step-less control of speed and acceleration. It also helps in obtaining fault diagnostic information quickly and easily.



CHASSIS

Robust steel construction and the stable five point contact design permits high residual capacities and enhances stability during turning. The rounded enclosed contours with integrated support straddle permits safe maneuvering during operation. The battery holding compartment in the chassis is provided with suitable roller bed for easy removal of the battery.



WHEELS

The polyurethane wheels configuration enable noiseless smooth ride over variety of surfaces. The tandem load wheel configuration ensures smooth roll over with continuous contact on the floor and enables easy negotiation over small bumps and jerks.



TILLER HEAD & STEERING:

Multifunction tiller head with ergonomically arranged operating elements for travel, lift, lowering and horn at finger tips provide highest operator comfort and safety. It also has a belly button that provides additional safety in case of emergencies. Steering lock at 90° on either side and can be operated only in limited range of handle inclinations comfortable to operator. This provides additional operational safety.



BRAKE

Electromagnetic disc brake with hard wearing, asbestos free liner provides quick braking. When the handle is close to vertical or horizontal position, the brake becomes operational with simultaneous power cut-off.



HYDRAULICS

Compact power pack unit with high pressure pump driven by sturdy Series / compound wound motor forms the heart of hydraulic system which enables smooth and efficient lifting and lowering operations to various stacking heights. During stacking and retrieval, the operator can operate lifting, lowering push button on tiller head without leaving the driving position.



MAST, CARRIAGE & FORKS:

Robust steel fabricated mast, carriage with welded forks ensure durable service. The individual moving components are accurately selected, manufactured and fitted for trouble free performance. The truck is fitted with either a three stage mast with high free lift or two stage mast (PT) as standard for maximum lift height requirement up to 5600 mm. The construction of mast is such that it provides excellent visibility of the load carriage / fork during all operations. Options of fork lengths are available for different type of pallets



SAFETY

The truck is equipped with lowering brake valve for gradual lowering, automatic lift cut off at 80% battery discharge condition for enhanced safety and anti-collision switch on tiller head. The hydraulic circuit has safety feature like hose burst valve, pressure relief valves and non return valves. The controller can also be set for speed as per requirement.



SERVICING

The modular service friendly design with easily removable front cover provides easy access to all components for servicing thus saving valuable time during maintenance.



BATTERY & CHARGER

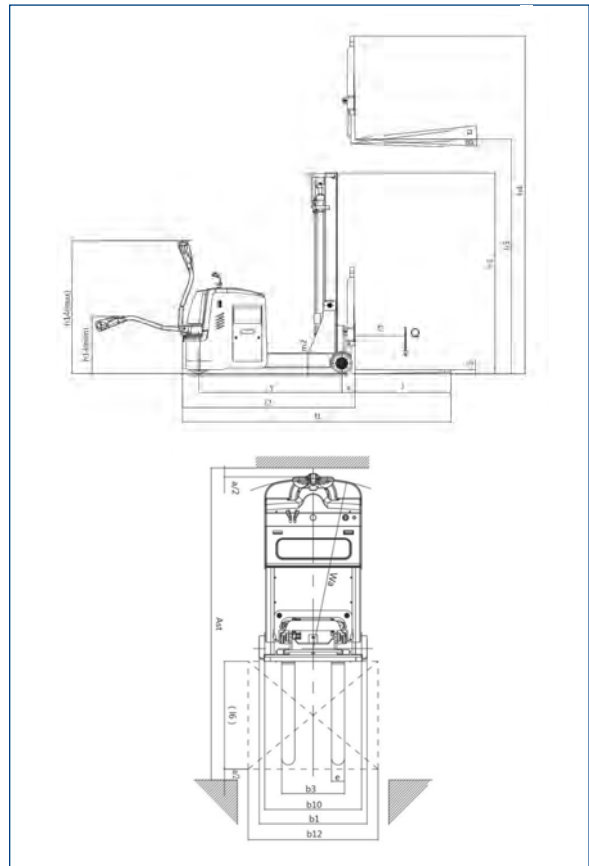
The equipment comes with 24V / 280Ah traction battery to ensure steady power supply. High frequency constant current automatic charger of Suitable rating traction battery is supplied as a standard.

JCPD 15 W

(AC Drive) Electric Pedestrian Straddle Stacker (Capacity 1500 Kg.)

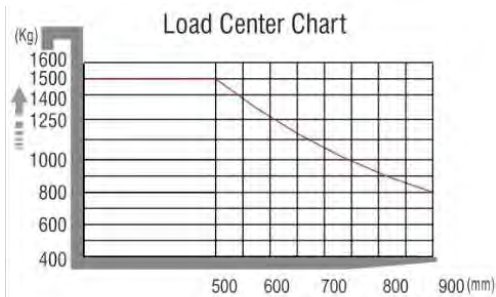
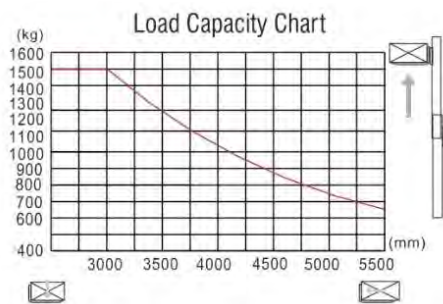
Performance Data

	Model	Nos	JCPD15R
Identification	Drive	type	AC
	Operator	type	Pedestrian
	Capacity	Q=Kg	1500
	Load center for rated capacity	C=mm	500
Weight	Battery weight (apx.)	Kg.	300-360
	Service weight	Kg.	2080
Wheels / Chassis	Wheels	type	Polyurethane
	Load wheel	mm	Ø200 x 100W
	Drive wheel	mm	Ø250 x 70W
	Wheels, number front / rear (x = driven wheels)	nos	'1 / 2
Basic Dimensions	Lower height	h=mm	70
	Length to face of forks	L2=mm	1700
	Truck length	L=mm	2650
	Width over forks Max (adjustable)	m=mm	220-680
	Overall width	B1=mm	990
	Adjustable fork dimensions	s/e/l=mm	35 / 100 / 950 (1070)
	Turning radius during maneuvering	Wa=mm	1570
Performance	Fork tilt Forward / Backward		'3 / 6
	Travel speed, laden	km / h	5.8
	Travel speed, unladen	km / h	6
	Lift speed, laden / unladen	cm / s	'12 / 16
	Lowering speed, laden / unladen	cm / s	'45
	Service brake	type	Electromagnetic



- h1 – Closed mast height
- h3 – Lift
- h5 – High free lift
- h4 – Extended mast height
- h – Height of straddle (lower height)

Load Capacity Chart



Standard Mast Designs (mm)

2 – Stage Mast		
JCPD15 W		
h1	h3	h4
1735	2500	3500
1985	3000	4000
2235	3500	4500

3 – Stage Mast			
JCPD15W			
h1	h3	h5	h4
1835	4000	1400	5000
2085	4500	1500	5500
2235	5000	1670	6000
2435	5600	1870	6600

Note : Non standard lift height may be available on request.

- h1 – Close mast height
- h2 – Normal free lift
- h3 – Free lift
- h4 – Extended mast height
- h5 – Special free lift
- h – Fork lower height

Working Aisle Width Ast. (mm) Incl. 200 mm Safety Clearance

Pallet size cxb	Position	
800 x 1200	Lengthways	3070

For any special requirements, Please contact Jost's H.O., Dimensions indicated here are subject to variations of ± 20 mm and performance ± 10%. Service weight ± 50 kg. Right to make changes and technical improvement reserved.



Since 1907

Jost's Engineering Company Limited

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