



Since 1907

# JLTECBS 10/15/20

(AC Drive)  
Electric Stand-on Counter Balance Stacker  
(Capacity 1000/1500/2000 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 Stand-on Counter Balance Stacker, type JLTECBS 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 stand-on foldable platform provides excellent comfort and safety. The dampening spring mechanism provides the required cushioning effect that "swallows" the bumps on the surface. The rubberized anti-skid mat provides good grip on stand-on mode enhancing the safety. Emergency stop button provides maximum safety for the operator.



### 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 900 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

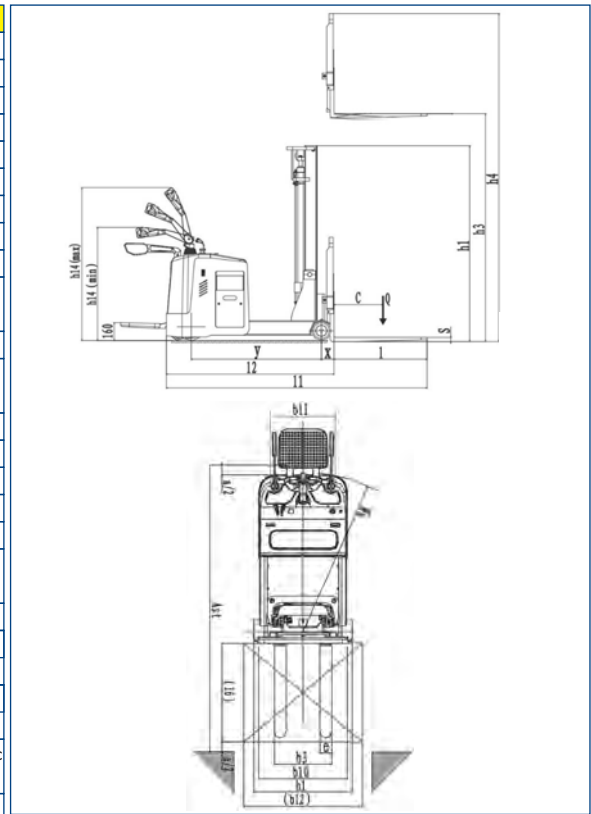
The equipment comes with 24V / 330Ah traction battery to ensure steady power supply. High frequency constant current automatic charger of 24V / traction battery is supplied as a standard.

# JLTECBS 10/15/20

(AC Drive) Electric Stand-on Straddle Stacker (Capacity 1000/1500/2000 Kg.)

## Performance Data

Identification		Model	Nos	JLTECBS10	JLTECBS15	JLTECBS20
Drive		type	AC	AC	AC	AC
Operator		type	Stand-on	Stand-on	Stand-on	Stand-on
Capacity		Q = Kg	1000	1500	2000	
Load center for rated capacity		C = mm	500	500	500	
Wheelbase		Y = mm	1400	1400	1600	
Wheels/Chassis		Wheels	type	Polyurethane	Polyurethane	Polyurethane
Load wheel		mm	Ø200 x 100W	Ø200 x 100W	Ø200 x 100W	
Support Castors wheel		mm	Ø150 x 50W	Ø150 x 50W	Ø150 x 50W	
Drive wheel		mm	Ø230 x 75W	Ø230 x 75W	Ø230 x 75W	
Wheels, number front / rear (x = driven wheels)		nos.	1 / 2 / 2	1 / 2 / 2	1 / 2 / 2	
Basic Dimensions		Lower height	h = mm	40 - 50	40 - 50	40 - 50
Truck length (without platform / with platform)		L = mm	2700/3120	2700/3120	2700/3120	
Width over forks Max (adjustable)		m = mm	220 / 680	220 / 680	220 / 680	
Overall Width		B1 = mm	950	950	950	
Adjustable fork dimensions		s/e/l=mm	40 / 80 / 1000	40 / 80 / 1000	40 / 80 / 1000	
Ground clearance		GC = mm	70	70	70	
Aisle Space (Lengthways 1000 x 1000)			3100	3100	3100	
Turning radius during maneuvering (W / WO)		Wa = mm	1580 / 1990	1580 / 1990	1580 / 1990	
Performance		Travel speed, laden	km / h	5	5	4
Travel speed, unladen		km / h	5	5	4.5	
Mast tilt Forward / Backward			2 / 4	2 / 4	2 / 4	
Lift speed, laden / unladen		cm / s	13 / 18	13 / 18	9 / 17	
Lowering speed, laden / unladen		cm / s	10 / 23	10 / 16	8 / 17	
Service brake		type	Electromagnetic / Regenerative	Electromagnetic / Regenerative	Electromagnetic / Regenerative	
Power		AC Drive motor rating	kW	1.0	1.5	1.5
Lift motor DC rating		kW	1.5	3	3	
Controller		type	CURTIS	CURTIS	CURTIS	



NOTE: Side Guard Can Be Provided

Lowering Speed can be provided as per the requirement on Demand.

## Standard Mast Designs (mm)

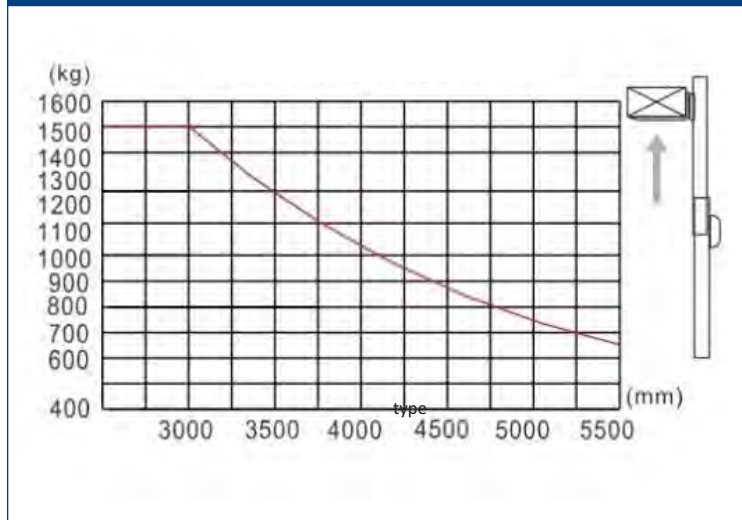
2 – Stage Mast		
JLTECBS-10/15/20		
h1	h3	h4
1500	1800	2400
1800	2500	3100
2300	3500	4100
2500	4000	4500

3 – Stage Mast			
JLTECBS-10/15/20			
h1	h3	h5	h4
1800	3500	1200	4200
1950	4000	1350	4650
2100	4500	1500	5100
2200	4700	1600	5400

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

## Load Capacity Chart



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.



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