

WPL33

Lithium-Ion, Electric Hand Pallet Jack



Max Load Capacity
3,300 lbs
(1,497 kg)

CLARK

WPL33 Lithium-Ion, Electric Pallet Jack

■ ADVANCED LITHIUM-ION BATTERY

The WPL33 is equipped with an on-board Lithium-Ion battery. This 24V battery packs a big punch in a small package and is easy to recharge by removing the battery from its compartment. Lithium-Ion batteries have a lower overall cost of ownership compared to traditional lead acid batteries, and are practically maintenance free.

■ EASE OF PALLET ENTRY AND EXIT

The forks on the WPL33 are designed for use with a standard 48" pallet, and can achieve a maximum elevation of over 7.75". The tips of the forks are tapered, allowing for smooth entry and exit from the pallet.

■ ERGONOMIC HANDLE

On the handle of the WPL33, operators will find lift, lower, and travel functions, all within easy reach. The control handle can be operated with either hand, which includes a reverse switch, travel controls, horn, and battery discharge indicator. The tiller arm was designed with the operator in mind, with a low mounted arm which offers excellent operator comfort and reduces steering effort.

■ ADVANCED ELECTRICAL COMPONENTRY

The internal components are covered by water resistant connectors and a shrouded wiring harness, which provides continuous, reliable power to the components. The system includes a key switch, emergency power disconnect, and an onboard dock for easy exchange of the battery when charging.



■ ELECTROMECHANICAL BRAKES

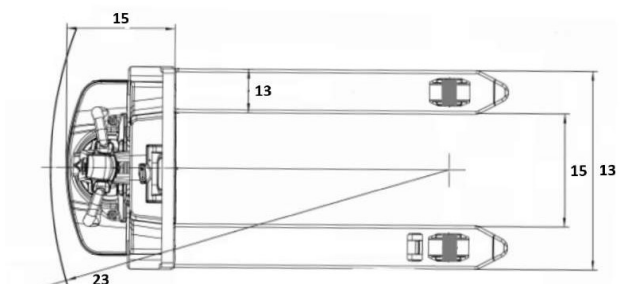
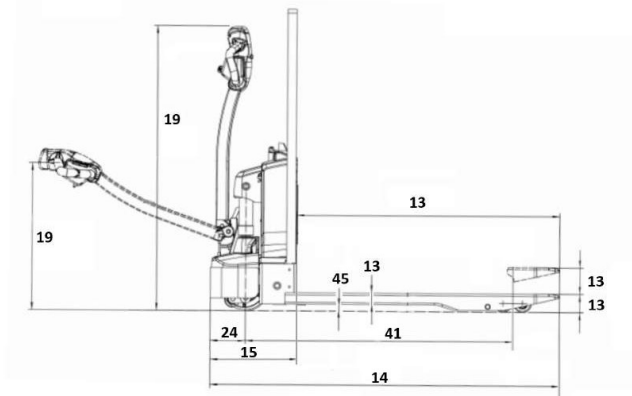
The electro mechanical brakes on the WPL33 provide immediate stopping power when the handle is upright or lowered beyond the operating range.

■ SERVICEABILITY

Reduce downtime and your overall cost of ownership with the WPL33. The removable covers and modular design of components provides for easy maintenance with simple hand tools. The two-piece drive wheel reduces the complexity of tire changes, which further decreases your service costs.

WPL33 Specifications

General Information	1	Manufacturer			CLARK	
	2	Model	Manufacturer's Designation		WPL33	
	3	Load Capacity		lbs(kg)	3300 (1500)	
	4	Load Center distance	Fork Face to Load CG	in(mm)	24 (500)	
	5	Power Unit			Elec-24V	
	6	Operator type			Walkie pallet	
	7	Tire type	Drive/Steer - Load		Polyurethane / Polyurethane	
	8	Wheels, number front/rear (x=drive wheels)	Front/Rear		1X/2	
Basic Dimensions	13	Fork	Lift height to top of fork		4.5 (115)	
			Lowered height at heel/toe		3.2 (80)	
			Thickness		2 (50)	
			Width		6 (150)	
			Usable length		45 (1143)	
	14	Overall Length	Overall Truck Length	in(mm)	60 (1524)	
	15	Overall Dimensions	Length to face of forks	in(mm)	15 (381)	
			Width (OAW - Across Forks)	in(mm)	27 (685)	
	17		Width (Across Frame)	in(mm)	27.4 (695)	
	18		Height to top of frame	in(mm)	27.2 (690)	
	19	Handle height	Ground to top of released handle	in(mm)	49.6 (1260)	
Perfor.			Ground to top of lowered handle	in(mm)	27.5 (700)	
	23	Turning radius		in(mm)	52.5 (1334)	
	24	Head length	Front of frame to center of drive tire	in(mm)	6 (152)	
Perfor.	28	Travel speed	Loaded / Unloaded	mph(kph)	2.7 (4.3)	2.9 (4.7)
	29	Lift speed	Loaded / Unloaded	fpm(mps)	3.94 (.02)	4.92 (.025)
	30	Lowering speed	Loaded / Unloaded	fpm(mps)	12.76 (.065)	5.91 (.03)
WT	34	Service weight		lbs(kg)	375 (170)	
	35	Axle loading, laden front / rear		lbs(kg)	1210 (549)	2760 (1252)
	36	Axle loading, unladen front / rear		lbs(kg)	285 (129)	90 (41)
Tires, Chassis	39	Tires	Number, Front/Casters/Rear(load)		1 / 0 / 2	
	40		Tire size, front	in(mm)	8.3 x 2.75 (210 x 70)	
			Tire size, rear	in(mm)	2.9 x 3.46 (74 x 88)	
	41	Wheelbase		in(mm)	47 (1200)	
	45	Ground clearance	Center of Wheelbase	in(mm)	1.18 (30)	
	46	Service brake	Type		Electromagnetic	
	47	Parking brake	Type		Automatic	
Drive line		Steering	Type		Mechanical (pivot arm)	
	48	Battery	Type		Lithium Ion	
			Battery AH (max)	AH	20	
			Battery weight	lbs(kg)	10 (4.5)	
	49	Motors, Controls	Drive motor control		DC	
			Speed control		Infinitely variable	





CLARK: The Innovative and Durable Solution

The design, development, and manufacturing capabilities of CLARK, in combination with an unparalleled focus on customer support, a drive to understand fully each customer's needs in order to then supply the right solution, reflect the key essence of what is CLARK.

With over one million CLARK lift trucks sold around the world, each is a testament to the CLARK time-tested process of designing durable trucks with precise features that meet, if not exceed, the material handling needs of our customers. Our full range of dependable products – from pallet jacks to electric narrow aisle order selectors and up to our big 18,000lb capacity lift trucks – assures end-users CLARK has the solutions for their day-to-day needs.



These solutions built from industry innovations, from the nested I-Beam to a self-activating parking brake to new on-board diagnostics, began the same way: with the needs of our customers foremost in mind. By focusing on how we can improve our customers' material handling processes, we can assure our customers a lift truck designed to be the right solution for their needs.

When you bring it all together – an extensive research and development process, state-of-the-art manufacturing capabilities, and a superior dealership network – you have a company dedicated to delivering leading edge products for both today and far into the future. More reasons why CLARK is Built to Last®.

"CLARK" and "Built to Last" are registered in the U.S Patent and Trademark office. The "Hot Yellow Green" also known as "CLARK Green" is a trademark registered in the U.S Patent and Trademark office.



59-894-2070

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59-894-2070 Printed in USA OTP0724150VR
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