

**POWERWORKERS®**

**Low Lift Pallet Truck  
Electric 24 Volt**

**EWP30**

**3,000 lbs 1360 kg**

**EWP30**



**CLARK®**  
**BUILT TO LAST.®**

[www.clarkmhc.com](http://www.clarkmhc.com)

### Battery Compartment Dimensions

	in	mm
Width	6.4-6.6	163-168
Length	10.1-10.4	257-264
Height	10 max.	254 max.
Connector: SB175 Red - for connecting to optional charger.		

### Pallet Specifications

	in	mm
Type:	Double Faced Wood	
Size: Length	48	1220
Width (min-max)	32-48	815-1220
Bottom Board		
Nominal Thickness	0.75	20

### Available Fork Lengths

Nominal Length		Actual Length	
in	mm	in	mm
48	1219	47.25	1200

### Notes

Performance may vary +5% or -10% due to motor, tire, drive unit and hydraulic efficiency tolerances.

CLARK products and specifications are subject to change without notice.

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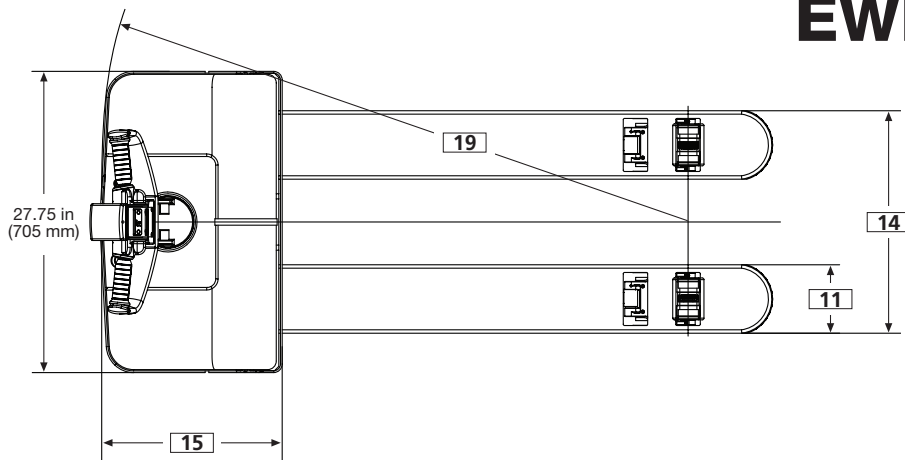
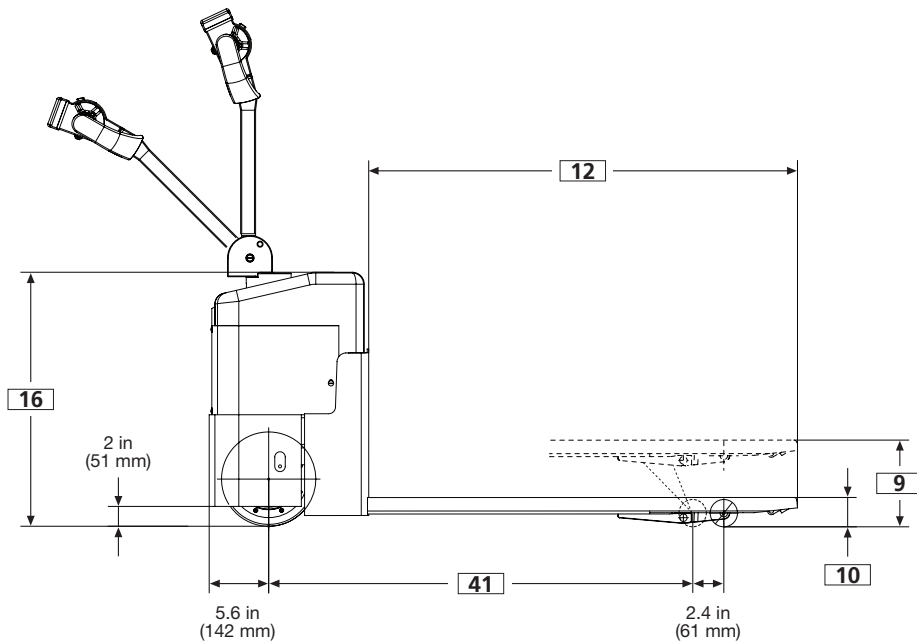
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### ANSI/ITSDF and Insurance Classification

Standard truck meets all applicable mandatory requirements of ANSI/ITSDF-B56.1 Safety Standard for Powered Industrial Trucks (latest edition at time of manufacture). For further information contact a CLARK representative.

### For Your Safety

- Do not operate motorized hand trucks unless you are trained and authorized. Read and understand the operator's manual before operating.
- Do not operate a damaged or faulty truck. Do not attempt repairs unless you are trained and authorized.
- Keep hands on designated grips and feet away from truck. Do not operate truck with wet or greasy hands or shoes.
- Enter confined areas with load end first. Be very careful when operating in confined areas to avoid being pinned.
- Avoid uneven or slippery surfaces and loose materials.
- Travel slowly and with caution on slopes and do not turn. Always travel with load end down grade.
- Do not load truck over capacity on nameplate. Do not handle unstable loads. Be very careful when handling long, high, or wide loads.
- Do not exceed floor weight limits.



General Information	1	Manufacturer		Clark	
	2	Model	Manufacturer's Designation	EWP30	
	3	Load Capacity		lbs(kg)	3000 (1360)
	5	Drive Unit	Electric		24 volt
	6	Operator Type			Walkie pallet
	7	Tire Type	Front/Rear		polyurethane/polyurethane
	8	Wheels (x=driven)	Front/Rear		1x / 2
	Basic Dimensions	9	Pallet Forks	Maximum fork height	in(mm)
10			Lowered height	in(mm)	2.9 (75)
11		Fork	Width	in(mm)	6.3 (160)
			Thickness	in(mm)	1.7 (43)
12			Nominal length	in(mm)	48 (1220)
14			Spread	in(mm)	27.0 (686)
15		Overall Dimensions	Length to fork face	in(mm)	16.5 (420)
16			Chassis height, fork lowered	in(mm)	27.1 (689)
19		Turning Radius	Lowered	in(mm)	56.5 (1434)
22		Right Angle Stack Aisle <sup>2</sup>	Add clearance (6-8")	in(mm)	67.7 (1720)
Performance	24	Travel Speed	Max w/ load	mph(kph)	2.9 (4.6)
	25		Max w/o load	mph(kph)	3.7 (6.0)
	26	Lift Speed	With load	sec	3.9
	27		Without load	sec	2.9
	29	Lower Speed	With load	sec	3.0
			Without load	sec	3.9
Wt	34	Service Weight	Without battery	lbs(kg)	538 (244)
Chassis	39	Tires	Number, front/rear		1 / 2
	40		Size, front	in	9.9 x 2.5
			Size, rear	in	2.9 x 3.9
	41	Wheelbase	Lowered/raised	in(mm)	49.4 (1255) / 47 (1194)
	44	Ground Clearance	Minimum/at center of wheelbase	in(mm)	1.5 (38)
	46	Service Brake	Type		Electric
	47	Parking Brake	Type		Electro-Magnetic
	Steering	Type		Pivot arm	
Drive Line	48	Battery	Type		Lead acid
			Capacity (6 hr. rate)	AH	70
	49	Motors, Controls	Drive motor, diameter	in(mm)	4.3 (110)
			Hydraulic motor, diameter	in(mm)	3.1 (80)
			Drive motor control		Curtis SepEx <sup>®</sup> transistor
			Forward/reverse contactors		No
			Speed control		Infinitely variable
			Hydraulic motor control		Contact or

**Notes:** 1 Specifications are shown for EWP 30 with batteries.  
 2 Dimension shown is for 48L x 40W load, raised position.

CLARK EWP 30 electric low-lift pallet trucks are ideal for light duty cycles. Their quiet operation and clean self-contained hydraulic systems make them ideal for most indoor work areas. Their low initial cost, ease of maintenance and 24-volt electrical system make them an economical alternative to hand pallet jacks.

## Operator Comfort/Convenience

- **Rugged die cast steel handle**
- **All controls at operator's fingertips**
- **International symbols identify functions**
- **Smooth, stepless speed control in forward and reverse**
- **Emergency reversing switch in handle**

The compact handle with designed-in hand guards is especially convenient in tight workspaces. It allows control from either side of the truck and provides excellent hand protection. The smooth contours help prevent snagging on clothes, posts, doorways, machinery or adjacent loads.

Direction, speed, lift/lower and horn controls are all located on the handle. Lift, lower and horn are marked with international symbols.

Emergency reversing switch at the end of the handle is spring-loaded and designed to override the directional control, automatically reversing the truck on contact.

The directional control is thumb actuated and designed for left or right hand operation.

## Motors

The 24 volt, separately excited drive motor is 4.3 in. (110 mm) diameter.

Hydraulic motor is 3.1 in. (80 mm) diameter and vertically mounted.

## Electrical System

- **Infinitely variable, separately excited transistor drive control**
- **24-volt operation**
- **100 and 200 amp contactors**
- **Automatic regenerative braking**
- **Easy access for inspection and testing**

The separately excited control allows elimination of the forward and reverse contactors. This control has many features designed to improve productivity and serviceability including: automatic regen braking, variable plugging and creep speed, diagnostics to facilitate troubleshooting plus the ability to limit top speed.

Wiring through the handle is contained in a protective harness designed to enhance durability and service life.

## Brakes

- **Double acting electromagnetic parking brake**

The preferred method of stopping the EWP30 is by releasing the throttle allowing it to return to neutral, which activates the auto regen feature and utilizes the drive motor to slow and stop the unit. A more abrupt stop or reversal of travel direction can be achieved by reversing the throttle. The electromagnetic parking brake can be used for emergency stopping by positioning the handle up or down. When the handle is released a gas spring returns it to the vertical position which cuts power to the drive motor and applies the brake for parking.

## Hydraulic System

- **Integral pump and motor**
- **Simple hosing**

Hydraulic pump, motor, fluid reservoir, relief valves and suction strainer are completely integrated, eliminating most of the connections associated with hydraulic fluid leaks. Plumbing consists of a single, non-flexing hose from the pump to the lift cylinder which is a single acting, ram type. The cylinder has spherical contact seats at both ends, reducing side loading on the cylinder, thus reducing the likelihood of leaking.

## Steering

- **Handle rotates drive unit 180°**
- **Tight turning radius**
- **Design assures positive control**

Using a short top-mounted handle increases maneuverability and allows the EWP 30 to operate in tight spaces. The drive unit pivots on a turn table type roller bearing for smooth, effortless steering and the rugged die cast construction of the handle reduces flexing and provides excellent durability.

## Frame and Chassis

- **Formed, unitized steel**

Major components of the truck frame including the forks are constructed of formed steel for added rigidity and increased service life.

## Standard Equipment

Separately excited 24 volt transistor control; polyurethane drive tire, load wheels and roller casters; pallet entry rollers; horn; key switch; hour meter; battery discharge indicator; 48 in. x 27 in. (1220 mm x 686 mm) forks. Two 12V maintenance-free batteries, wired in series and a red SB175 connector for use with the optional CLARK charger. Finish is high-visibility CLARK green and black.

## Options

Portable battery charger - operates on 110/120 volt AC outlet rated for 15 amps or higher.

Note: If other than the optional CLARK charger is to be used, be sure to confirm compatibility with CLARK engineering prior to use.

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**your authorized CLARK dealer is:**