

CROWN

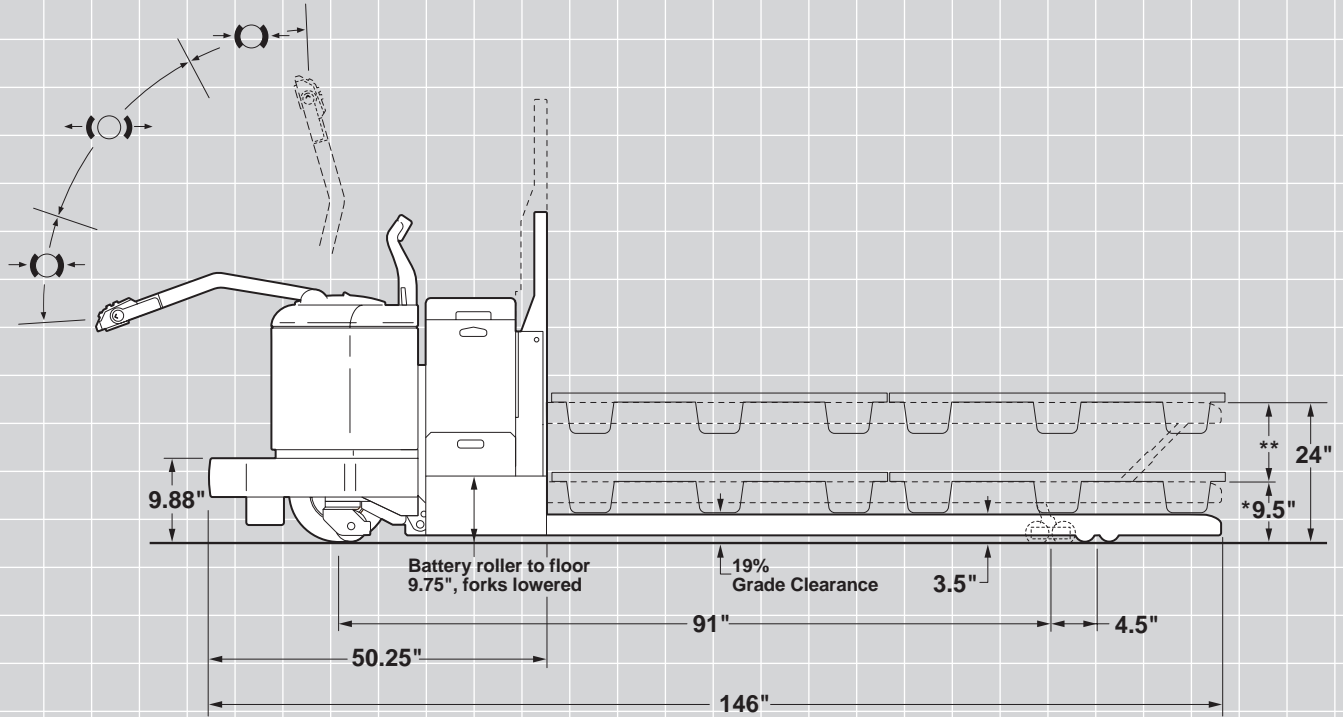
PE 3000 Series
end control pallet truck



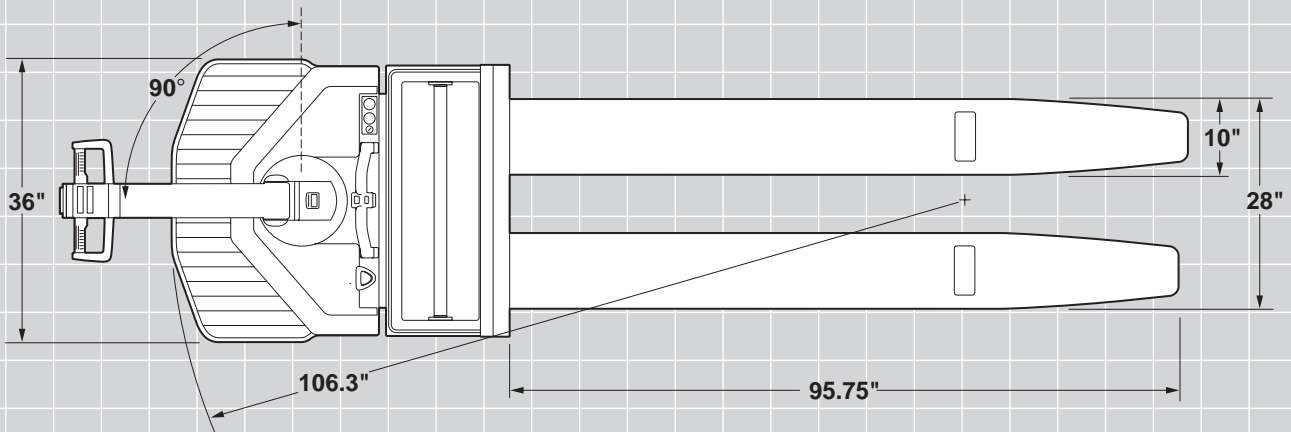
model 3560
specifications



PE 3560 with extended lift



* 6000 lb capacity - Lift Height 3.5 to 9.5"
** 2500 lb capacity - Lift Height 9.5 to 24"



Travel Speed	Lift Height 3.5" to 9.5"		Lift Height 9.5" to 24"	
	Power Unit First	Forks First	Power Unit First	Forks First
Empty	7.2	6.0	7.2	3.5
Loaded	5.5	4.4	5.5	3.5

Truck Capacity

6000 lb from 3.5" to 9.5"
2500 lb from 9.5" to 24"

Lift Height

24" fork lift

Fork Dimensions

96" long x 10" wide x 28" outside
fork spread

Maximum Battery Size

13.19" x 31.12" x 31.62" high

Batteries

24 volt
Min/Max weight 975/1500 lb

Truck Weight

2669 lbs

Standard Equipment

- 24-volt system.
- Sevcon transistor.
- Tandem articulating polyurethane load wheels (-40 premium compound).
- Polyurethane drive tire.
- Quick adjustment casters with torsion bar suspension.
- Full width raise, lower and horn control.
- End mounted reversing button in control handle.
- Raise, lower, horn and high speed button on operator grab bar.
- 175 amp battery connector.
- Key switch.
- Horn.
- Lift-off left and right side battery retainers.
- Anti-tie down.
- Coast control.

Optional Equipment

- Curtis transistor.
- Curtis Unigage (discharge indicator with lift lockout and hour meter).
- Discharge indicator.
- Hour meter.
- QuickPick™ option.
- Platform cushion.
- Leg cushion.
- Battery retainer interlock switch.
- Quick battery disconnect handle, (right side only).
- Left side battery connector.
- Battery compartment rollers.
- Bolt on LBR, (48", 60" or 72").
- Storage module.
- Cold and corrosion protection.

Order Picking Concept

This unique fork assembly can elevate the pallet up to 24" versus a maximum of 9.5" on standard pallet trucks. In low level order-picking applications, where selectors can pick thousands of cases per shift, this elevated work surface greatly reduces deep bending when placing cases on the pallet.

As selectors build a unit load, the load begins to increase in height. With the PE 3560, the selector can easily adjust the height of the forks from 24" downward. This height range flexibility reduces deep bending stress and increases comfort and productivity. The PE 3560 with extended lift is complemented when the warehouse facility uses raised bottom rack beams.

Because of the unique fork design, a block style pallet or skid is required. Plastic pallets, used commonly today, are suitable for this application. The minimum skid or pallet under clearance is 3.75" with these forks.

The truck is only available with 96" fork lengths. Truck capacity is 6000 lbs below 9.5" fork height and 2500 lbs from 9.5" to 24" fork height. Travel speeds power unit first remain the same at any fork height. The QuickPick™ option and Coast Control feature are also available to increase productivity in low-level order picking applications.

Operator Area and Controls

The PE 3000 Series has a new operator platform which increases operator comfort and productivity. Rounded edges and careful placement of operator contact points make the PE 3000 Series user friendly.

The Crown PE 3000 Series has dual, soft urethane twist grips with automatic return to neutral when released. Two textures and a unique "cam" design aid in plugging, steering and long distance travel. Soft urethane operator grab bar provides operator security and comfort. Grab bar has raise, lower, horn and high speed controls for improved productivity. Reversing button in control handle reverses direction of travel if button should come in contact with operator.

Many optional features for the operator area and controls are available to suit a wide range of applications.

Electrical System

The truck is equipped with a Sevcon transistor control standard. Curtis transistor is available as an option.

Crown manufactured, series wound, high torque drive motor is application designed for reliability and ease of service.

Transistor control has many benefits; maximum energy efficiency, reduced maintenance, and infinite speed control. Crown enhancements include a 400 amp rating, bypass contactor for heavy applications, arcless contactor operation, ramp start, and a sealed enclosure that protects the control from water, contaminants, etc.

Anti-tie down is a standard feature designed to encourage proper operation of the truck by deterring the taping or tying down of the high speed control button. Color coded wiring is used for ease of service.

Hydraulics

Heavy-duty pump, motor, reservoir and control are assembled into one unit. A centrally located cylinder, mounted vertically, is used for the initial 9.5" fork height.

An additional lift cylinder, centrally located and mounted vertically is employed to elevate the forks from 9.5" to 24". Two stabilizing cylinders are used at the fork tips to assure good load stability during travel or cornering. A pressure compensating flow control valve is an integral part of the valve block and regulates lowering speed. A pressure-reducing valve is employed to prevent overloading above 9.5" lift.

Drive Unit

All gear drive from drive motor to drive wheel axle. Drive tire axle is mounted in the drive unit on both sides for maximum strength in rough floor or docking applications. Drive unit is top and bottom mounted. Top mount is a large, tapered roller bearing for vertical or horizontal forces. Bottom mount has four shock mounted rollers on drive unit running in a hardened steel roller race. Gear train runs in oil-filled, sealed housing.

Caster System

Quick adjustment casters and torsion bar suspension are standard on the PE 3560. These casters enable braking, traction, steer effort and stability to be "balanced" based on your specific application. This system can also increase drive tire life by as much as 60 percent by permitting more tire wear.

The torsion bar suspension maximizes stability on tall, or less stable loads.

Fork Assembly

Rugged formed fork used on Crown's time-proven heavy-duty pallet truck includes many "slick fork" features.

The lifting fork is formed from a single piece of material to increase strength.

Fork adjustment is done easily at the toe. Fork heel height adjustment is done quickly without removing battery. Quick and easy fork adjustment promotes servicing of fork assembly to keep pallet entry/exit productive.

Pull rod design incorporates a replaceable "tenon" for fast servicing of pull rod while still in the truck.

Power Unit Structure

Rugged steel doors are suspended on heavy-duty pin hinges. Doors swing wide for good access. Doors also can be lifted off for unrestricted service access. Door bolts have exclusive convex design that mates with concave door holes for fast reinstallation of bolts. Heavy steel skirt surrounds entire area.

Brake

Internal expanding mechanical brake with fin-cooled 6" drum. Braking on PE is actuated by control handle position.

Wheels and Tires

Tandem articulating load wheels, (-40 premium compound), are used. 3.25" diameter x 3.25" wide. Drive tire is 13" x 4.5" x 8" polyurethane.

Other Options

1. Audible Travel Alarm.
2. Flashing Lights.

Safety considerations and dangers associated with audible travel alarms and flashing lights include:

- Multiple alarms and/or lights can cause confusion.
- Workers ignore the alarms and/or lights after day-in and day-out exposure.
- Operator may transfer the responsibility for "looking out" to the pedestrians.
- Annoys operators and pedestrians.

Dimensions and performance data given may vary due to manufacturing tolerances. Performance is based on an average size vehicle and is affected by weight, condition of truck, how it is equipped and the conditions of the operating area. Crown products and specifications are subject to change without notice.