



D40

Electric Power Pallet Truck

ULTRA COMPACT DESIGN IS THE IDEAL SOLUTION FOR LIFT GATE AND LOCAL DELIVERY APPLICATIONS.

CAPACITY

4000 lbs.

INTEGRAL BATTERY / CHARGER

(2) 12-Volt Absorbed Glass Matt (AGM) 85AH maintenance free batteries with 10 AMP 110VAC plug-in automatic charger.

TRAVEL SPEED

24-volt Transistor travel controller with high efficiency permanent magnet drive motor.

Variable from 0 mph to 2.8 mph empty
Variable from 0 mph to 2.5 mph loaded

WEIGHT

600 lbs. with battery and charger

TIRES

DRIVE

9" x 3" polyurethane

STABILITY CASTERS

3.3" x 1.9" polyurethane

LOAD

2.9" x 3.5" polyurethane

TILLER ARM CONTROLS

Travel, lift, and lower functions are located in the ergonomic operator handle. All operator controls are accessible without having to lift the hand from the handle.

Angle grips are designed to allow easy operation with either hand. Wrap around guard, reversing switch, thumb control, and horn are standard. Low mounted tiller arm offers excellent operator comfort and minimum steering effort. Gas assisted spring tiller handle gently returns to vertical position when released.

Crawl speed function with steer handle at 15° back-tilt from vertical allows for ease of use in tight areas.

ELECTRICAL

Electric braking, quick disconnect EPD power cut off, key switch and battery discharge indicator are standard equipment.



HYDRAULICS

Permanent magnet pump motor and chrome plated lift cylinder provides smooth lifting and lowering. Pump unit includes DC motor, solenoid, and gear pump.

DRIVE UNIT

Vertically mounted drive motor with rare earth neodymium magnets increases efficiency and duty cycle. Directly mounted to gear housing. Oil bathed hypoid bevel gear drive train with tapered roller bearings transfers power to axle. State of the art optimized gear technology supplies advantages such as minimal envelope circle, zero maintenance, low noise level, high efficiency and high performance.

Electromagnetic brake is mounted on motor armature shaft multiplying the braking power through the transmission. Brake is applied when control arm is in the vertical or horizontal handle position. System features anti-roll back and neutral braking.

ACCESSIBILITY

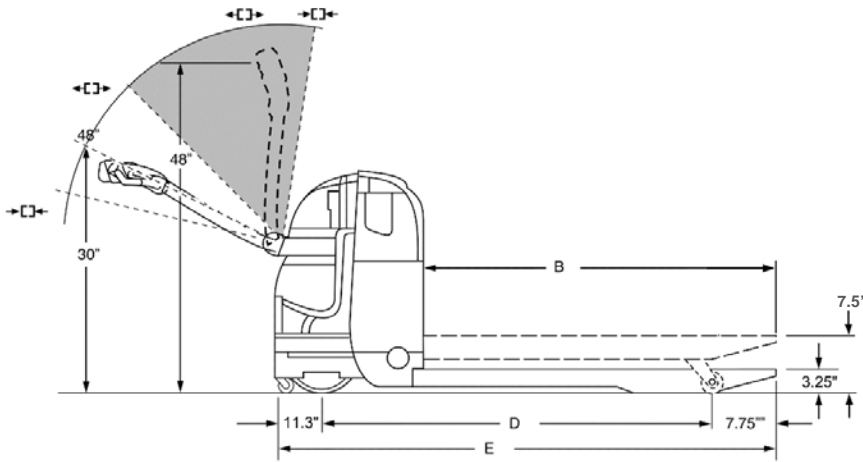
Water resistant removal three piece power head cover exposes major components and maintenance free AGM batteries for inspection and maintenance.

OPTIONAL EQUIPMENT

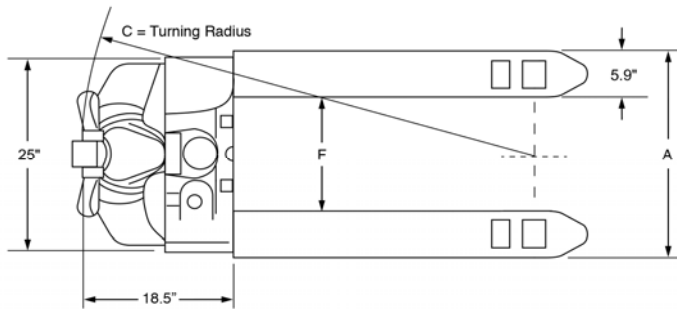
- Rubber Lug Drive Tire
- 48" Tall Load Back Rest
- 60" Tall Load Back Rest
- Fork Width - 22"
- Fork Length - 36"
- Tool tray with Load Restraint



BATTERY DISCHARGE INDICATOR, KEY SWITCH, EMERGENCY POWER DISCONNECT AND BUILT-IN AUTOMATIC BATTERY CHARGER



**ERGONOMIC
OPERATOR'S HANDLE**



Gradeability

Without Load 10%
With Load 6%

Travel - Variable

Empty: 0 to 3.6 mph
Loaded: 0 to 3.5 mph

Truck Model	Forks	Actual Fork Width	Actual Fork Length	Turning Radius	Wheelbase	Overall Length	Inside Fork Width	Weight (lbs.)
		A	B	C	D	E	F	
Fork Dimension: 27" Wide								
D 40	27 x 36	27	33	45.5	32.95	52	15.2	635
D 40	27 x 48	27	45	57.5	51.25	64	15.2	650
Fork Dimension: 22" Wide								
D 40	22 x 36	21.5	33	45.5	32.95	52	9.7	635
D 40	22 x 48	21.5	45	57.5	44.95	64	9.7	650

³Estimated shipping weight with (2) battery