

# PALLET TRUCKS

MANUAL AND ELECTRIC/WALKIE AND RIDER  
3000-8000LB



PB55



PTR60AAX-EPS\*



PT30MXA  
PT40MXA  
PT45MXA



PTR50XE-EPS\*



PT45WAX-IND

**EPS\***  
(electric power steering)  
available in  
select models



# A PERFECT FIT FOR ANY APPLICATION

Designed for Exceptional Maneuverability, Ergonomic Operation, and Ease of Service

Stärke LiftMaxx industrial quality pallet trucks are manufactured in a ISO9001-2008 and ISO14001-2004 accredited facility and meet or exceed all current ANSI B56.1 and CSA B335 standards. All units are designed with the safety, ergonomics, ease of service and with value in mind.

Every unit is backed by a 18 month limited warranty and a network of knowledgeable authorized dealers throughout North America.



## ELECTRIC PALLET TRUCKS

		Light to Medium Duty			Medium to Heavy Duty		Heavy Duty		
		PT30MXA	PT40MXA	PT45MXA	PT45WAX-BT	PT45WAX-IND	PTR50XE-EPS*	PTR60AAX-EPS*	PTR80AAX-EPS*
Load capacity	LBS	3000	4000	4500	4500	4500	5000	6000	8000
Drive / Operation type	TYPE	Electric - Walkie	Electric - Walkie	Electric - Walkie	Electric - Walkie	Electric - Walkie	Electric - Rider	Electric - Rider	Electric - Rider
Load centre distance	IN	24	24	24	24	24	24	24	24
Wheel number, front/rear (x = driving wheel)	#	1X+2/4	1X+2/4	1X+2/4	1X+2/2	1X+2/2	1X+2/4	1X+2/2	1X+2/2
Tread, front	IN	19.3	19.3	19.3	20.1	20.1	19.3	27.2	27.2
Tread, rear	IN	20.7	20.7	20.7	19.9	19.9	19.9	17.9	17.9
Wheels	TYPE	polyurethane	polyurethane	polyurethane	polyurethane	polyurethane	polyurethane	polyurethane	polyurethane
Wheel dimension, front	IN	Φ7.7	Φ7.7	Φ7.7	Φ9.8 x 2.8	Φ9.8 x 2.8	Φ9.8 x 2.8	Φ9.8 x 3.1	Φ9.8 x 3.1
Wheel dimension, rear	IN	Φ3.1 x 2.9	Φ3.1 x 2.9	Φ3.1 x 2.9	Φ3.2 x 5.0	Φ3.2 x 5.0	Φ3.2 x 3.5	Φ3.2 x 6.8	Φ3.2 x 6.8
Wheelbase	IN	48.1	48.1	48.1	53.6	52.4	56.0	58.7	58.7
Max. lift height	IN	7.1	7.1	7.1	8.0	8.0	8.1	8.5	8.5
Fork height, lowered	IN	3.0	3.0	3.0	3.2	3.2	3.2	3.2	3.2
Ground Clearance	IN	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1
Overall length	IN	62.8	62.8	62.8	71.1	69.9	76.5**	84.4	84.4
Overall width	IN	27.0	27.0	27.0	30.5	30.5	28.9	36.9	36.9
Fork dimension	IN	2.1 x 6.3 x 45.3*	2.1 x 6.3 x 45.3*	2.1 x 6.3 x 45.3*	2.1 x 7.1 x 45.3*	2.1 x 7.1 x 45.3*	2.1 x 7.1 x 45.3*	2.2 x 9.1 x 45.3*	2.2 x 9.1 x 45.3*
Fork length	IN	45.3*	45.3*	45.3*	45.3*	45.3*	45.3*	45.3*	45.3*
Fork width	IN	27*	27*	27*	27*	27*	27*	27*	27*
Aisle width, with pallet 39"x47" crosswise	IN	70.1	70.7	70.7	85.2	84.1	88.8	92.2	92.2
Aisle width, with pallet 32"x47" lengthwise	IN	70.1	70.7	70.7	85.2	84.1	88.8	92.2	92.2
Turning radius	IN	54.7	55.5	55.5	61.0	59.8	71.7	73.2	73.2
Battery box dimension (LxWxH)	IN	10.6 x 7.0 x 8.9	10.6 x 7.0 x 8.9	10.6 x 7.0 x 8.9	11.0 x 8.3 x 13.0	29.9 x 7.1 x 21.4	26.0 x 10.2 x 20.3	32.3 x 8.7 x open	32.2 x 13.5 x open
Battery weight	LBS	108	108	108	374	374	528	660	1190
Service weight (with battery)	LBS	506	550	550	1364	1364	1584	1892	2470
Traveling speed, laden/ unladen	MPH	3.3 / 3.6	3.1 / 3.4	2.5 / 2.8	3.4 / 3.5	3.4 / 3.5	4.2 / 4.2	6.7 / 8.7	6.7 / 8.7
Lifting speed, laden/ unladen	IN/S	1.4 / 1.8	1.4 / 1.8	1.2 / 1.8	1.5 / 2.2	1.5 / 2.2	1.2 / 1.3	1.2 / 1.6	1.0 / 1.4
Lowering speed, laden/ unladen	IN/S	3.1 / 1.5	3.1 / 1.5	3.1 / 1.5	2.5 / 2.0	2.5 / 2.0	1.3 / 1.2	2.0 / 1.8	1.2 / 1.2
Max. gradeability, laden/unladen	%	5 / 15	5 / 15	3 / 10	8 / 20	8 / 20	8 / 20	8 / 20	8 / 20
Battery type		2 x 12v Maint. Free	2 x 12v Maint. Free	2 x 12v Maint. Free	4 x 6v Maint. Free	Industrial	Industrial	Industrial	Industrial
Battery voltage/rated capacity	V/Ah	24 / 80	24 / 80	24 / 80	24 / 200	24 / 210	24 / 240 (400)**	24 / 350	24 / 560
Charger, 110v plug-in	TYPE	On Board	On Board	On Board	On Board	On or Off Board	On or Off Board	Off Board	Off Board
Driving motor power	HP	1.2 (AC)	1.2 (AC)	1.2 (AC)	1.6 (AC)	1.6 (AC)	2.0 (AC)	6.0 (AC)	6.0 (AC)
Lifting motor power	HP	1.1 (DC)	1.1 (DC)	1.1 (DC)	1.6 (DC)	1.6 (DC)	2.0 (DC)	2.0 (DC)	2.2 (DC)
Control system	TYPE	Starke	Starke	Starke	Curtis 1230	Curtis 1230	Curtis 1232	Curtis 1234	Curtis 1234
Service brake	TYPE	electromagnetic	electromagnetic	electromagnetic	electromagnetic	electromagnetic	regenerative brake	regenerative brake	regenerative brake

\*EPS - Electric Power Steering model, offers unparalleled handling and ease of maneuverability to reduce operator fatigue.

\* Custom fork lengths and widths available.

\*\* With upgrade to 400Ah battery, length increases by 4.7".

All factory specifications are subject to change without notice.



## MANUAL PALLET JACKS



Load capacity	LBS	5500
Drive / Operation type	TYPE	Walkie
Steering wheel	IN	Φ7.9
Fork length	IN	36 / 42 / 48
Fork width	IN	21 / 27
Aisle width, 39"x47" crosswise	IN	66 / 68 / 71
Aisle width, 32"x47" lengthwise	IN	70 / 70 / 71
Turning radius	IN	48 / 50 / 53
Service weight	LBS	139 - 165

### Available Models:

- PB55 L-1X:** ..... Single Poly Urethane
- PB55 L-1X SS NYL:** .....Stainless Steel PT, Nylon Wheels
- PB55 L-1X NAR42 OR 48:** ..... Single Poly Urethane  
20 1/2 x 42" (or 48")
- PB55 L-1X NYL GALV:** ..... Single Wheel Galvanized
- PB55 L-1X NYL:** ..... Single ALL NYLON
- PB55 L-2X:** .....Dual Tandem Poly Urethane
- PB44 L-1X Scale:**..... Single Poly Urethane w/Scale



Stärke Material Handling Group is committed to providing a broad selection the toughest trucks for the most challenging applications. Every model is designed to deliver optimal efficiency, comprehensive operator ergonomics and safety, and unsurpassed reliability at an unbeatable value for your dollar.

Our family of products provides a solution for every material handling situation. From manual and electric pallet trucks, stackers, reach trucks, order pickers, dock stockers, three and four wheel electric forklifts, and up to 22,000 lb internal combustion engine forklifts - every piece of equipment we sell is backed by first class warranties, a fully stocked parts department, and a dealer network with factory supported technicians.

Stärke is German for 'strength' and it perfectly describes how we deliver in design, customer service and value. It describes our commitment to worker safety and to our products themselves, each built for years of trouble free service.



#### ISO 14001-2004

Our factory has adopted an effective environmental management system (EMS) that helps to support environmental protection and prevention of pollution. In doing so, we can effectively measure and reduce our environmental footprint.

#### ISO 9001:2008

We take pride in the fact our factory has a certified quality management system in design, development, manufacturing & service.

#### ANSI B56.1

Our customers can have confidence in the knowledge that all of our Stärke trucks meet and/or exceed all safety standards required by the current ANSI B56.1.

#### CAN/CSA B335

Stärke Material Handling Group diligently follows the requirements with respect to lift truck design and construction, maintenance and inspection, safe operation, and operator training when it comes to our products. All of our Stärke products meet and/or exceed all safety standards required by the current CAN/CSA B335.



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