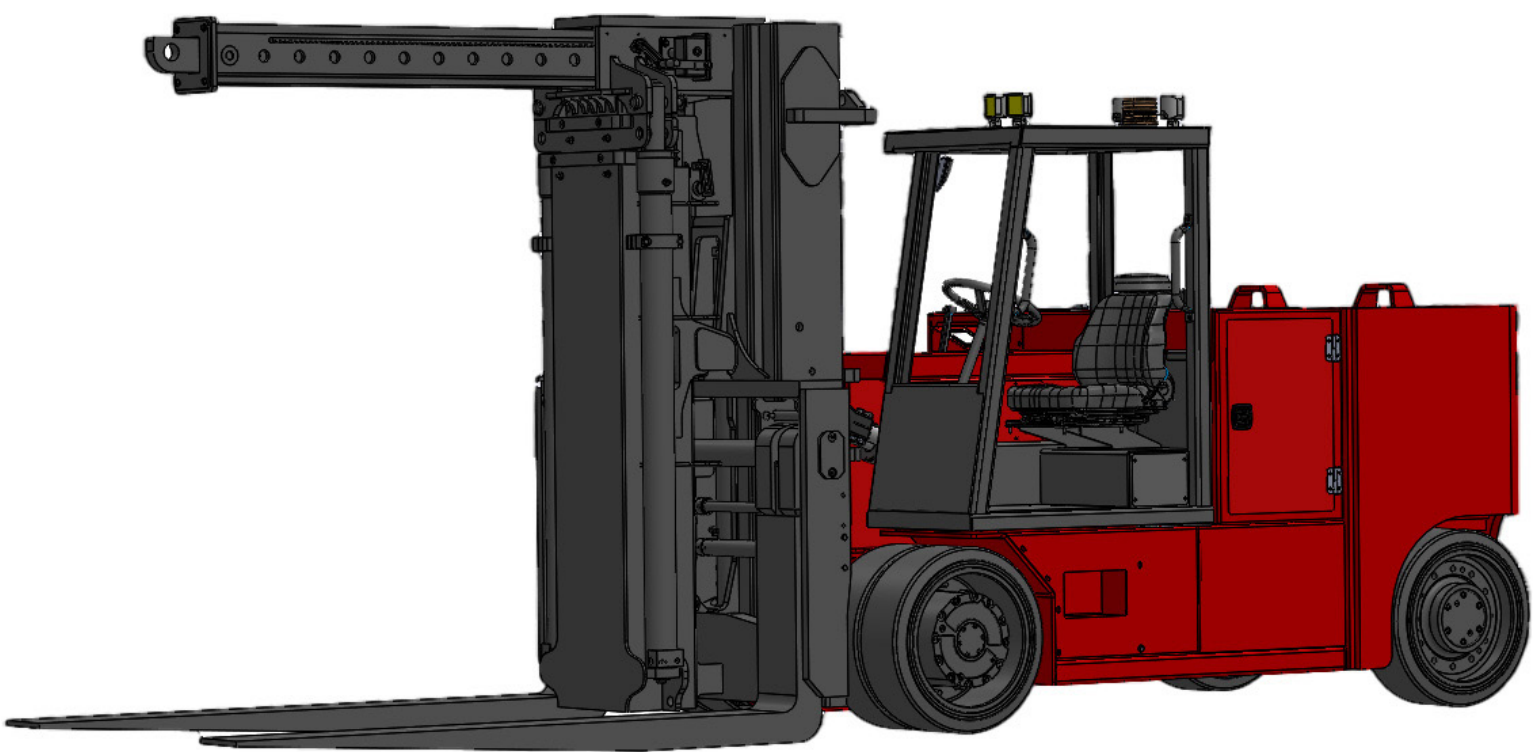
INDUSTRIAL LIFT TRUCK SPECIFICATION SHEET

XE-4060
Rigger Truck

Rated Capacity 60,000-lbs. (27,216 kg)
36-in. (914 mm) Load Center
Retracted 98-in. (2,489 mm) Wheelbase
Extended 146-in. (3,708 mm) Wheelbase

TAYLOR®



Featured truck may be shown with optional equipment

TAYLOR MACHINE WORKS, INC.

Founded in 1927 on the principles of “FAITH - VISION - WORK”, and entrenched with decades of Heavy Industrial Material Handling experience, Taylor heavy lift trucks are Proudly Made In America. Taylor meets all of your rugged industrial needs with models and capacities that range from 4,000-lbs to 125,000-lbs. The Taylor X-Series features Tier 4 Final engine technology that has increased fuel efficiency while retaining the powerful low-end torque that our customers have come to expect. Taylor’s reputation was built while performing in the harshest industrial environments the Material Handling Industry has to offer. We strive to keep things simple and use appropriate technology that brings value and the Taylor XE-4060 continues that tradition!

you can depend on Big Red

XE-4060 Rigger Truck

Performance: †

Travel Speed	Maximum Forward	mph (km/h)	4.5	7
Lift Speed	No Load	fpm (m/s)	15	0.08
	With Load	fpm (m/s)	0	0.00
Lowering Speed	No Load	fpm (m/s)	33	0.17
	With Load	fpm (m/s)	0	0.00
Gradeability	No Load*	%	47.0	
	With Load*	%	20.0	
Drawbar Pull	Maximum @ Stall*	lb (kN)	27,350	122
Stability	Comply with ANSI	%	Yes	

*PowerShift (Maximum @ Stall)

† NOTE: Performance specifications are based on trucks with standard equipment. Performance specifications are affected by the condition of the vehicle, its components, and the nature and condition of the operating area. If these specifications are critical, the proposed application should be discussed with your Taylor sales representative.

Engine:

			Standard		
Engine	Make & Model		PSI 4.3L LP		
	Tier Compliance		Compliant		
	Fuel - Engine Type		LPG - 4 Stroke		
	Output	hp (Kw)	105		78
	Gov'n Speed w/Load	RPM		2350	
	Cyl/Displacement	cyl/cu-in (L)	6	262	4.3
	Peak Torque*	ft-lbs/RPM (Nm)	245	1400	332
Fluids	Fuel Capacity	gal (L)	7		26
	Diesel Exhaust Fluid	gal (L)	0		0
Electrical	Battery	Volt/Ah		12 / 1000	
	Alternator	Amps		95	

*(SAE J1995 Conditions) †† Attention: Taylor models equipped with LPG engines do not ship with propane tanks.

Transmission:

Trans.	Make & Model		Rexroth
	Number of Speeds	Fwd/Rev	2
	Clutch		Hydrostat Inching
	Direction Change		Foot Pedal Fwd/Rev

Hydrostatic transmission utilizes Variable Axial Piston Pump and Motor. The oil filter is easily accessible.

Axles:

Drive Hub	Standard	Make & Model	Rexroth

Heavy duty Rexroth hubs with Rexroth drive motors. The steer axle is a single hydraulic cylinder design with heavy-duty links from the cylinder ram directly to tapered roller bearing mounted spindles.

Lift Truck Dimensions:

SEE NEXT PAGE FOR DIAGRAM ▶

General	Model		Manufacturer's Designation		XE4060	
	Capacity		Rated Capacity Retracted	lb (kg)	40,000	18,144
			Rated Capacity Extended		60,000	27,216
	Load Center		Distance	in (mm)	36.0	914
	Wheelbase	G1	Distance Retracted	in (mm)	98.0	2,489
			Distance Extended		146.0	3,708
	Power Type		Diesel or LPG		LPG	
Dimensions	Upright Lift	D1	Lift Height (Ground to Top of Fork)	in (mm)	104.5	2,654
			Free Lift w/o Boom	in (mm)	29.0	737
			Free Lift w/ Boom		0.0	0
	Forks		Thickness	in (mm)	4.50	114
			Width	in (mm)	10.0	254
			Length	in (mm)	96.0	2,438
	Tilt Angle	D2	Standard Upright - FWD/Backward	Degrees	12° / 7°	
	Overall Dim.	D3	Length to Face of Forks Retracted	in (mm)	153.5	3,899
			Length to Face of Forks Extended		201.5	5,118
		D4	Width (Standard Tires)	in (mm)	72.0	1,829
		D5	Width (Over Counterweight/Fenders)	in (mm)	72.0	1,829
		D6	Width (Standard Fork Spread)	in (mm)	65.0	1,651
		D7	Overall Height w/o Boom (Lowered)	in (mm)	107.0	2,718
			Overall Height w/ Boom (Lowered)	in (mm)	108.0	2,743
		D9	Overall Height w/o Boom (Raised)	in (mm)	178.0	4,521
			Overall Height w Boom (Raised)	in (mm)	318.0	8,077
		D10	Height (Ground to Top of Carriage)	in (mm)	53.5	1,359
		D11	Height (Top of Counterweight)	in (mm)	63.0	1,600
		D12	Height (Top of Overhead Guard)	in (mm)	91.0	2,311
	Load Distance	D13	Center of Wheel to Face of Forks	in (mm)	30.5	775
	Turning Radius	R1	Minimum Outside Retracted	in (mm)	136.0	3,454
			Minimum Outside Extended	in (mm)	189.0	4,801
		R2	Minimum Inside Retracted	in (mm)	10.0	254
			Minimum Inside Extended	in (mm)	33.0	838
	Aisle Width		90 Degree Stacking Retracted	in (mm)	225.5	5,728
			90 Degree Stacking Extended	in (mm)	273.5	6,947
Weight (w/Forks & Boom)	Total Apprx.		Standard Truck	lb (kg)	58,000	26,308
	Axle Loading		Static with Rated Load (Front)	lb (kg)	108,000	48,988
			Static with Rated Load (Rear)	lb (kg)	10,000	4,536
			Static with No Load (Front)	lb (kg)	26,000	11,793
			Static with No Load (Rear)	lb (kg)	32,000	14,515
Wheels & Tires	Tire Type		Cushion or Pneumatic (Front / Rear)		Cushion/ Cushion	
	Wheels		Number (Front / Rear)		2/2	
	Tires		Number (Front / Rear)		2/2	
			Size (Front)		28 x 20 x 22 Poly	
			Size (Rear)		28 x 10 x 22 Poly	
	Tread	W1	Center of Outside Tires (Front)	in (mm)	52.0	1,321
		W2	Center of Tires (Rear)	in (mm)	60.0	1,524
	Ground Clearance		Lowest Point (No Load)	in (mm)	2.8	70
			Center of Wheelbase (No Load)	in (mm)	6.5	165
	Brakes		System Type		Dynamic	
			Control Method (Service / Parking)		Foot / Hand	
Misc.	Load Moment		Retracted	in-lbs (m-kg)	2,766,400	31,872
			Extended		4,009,950	46,200
	Relief Pressure		For Attachments	psi (bar)	1,500	103
	Hydraulic Fluid		Tank Capacity	gal (L)	28	106

Mast Dimensions:

8.33' (100") Direct Lift		D1	Lift Height (Ground to Top of Fork)	in (mm)	104.5	2,654
		D7	Overall Height (Lowered w/o Boom)	in (mm)	107.0	2,718
			Overall Height (Lowered w/ Boom)	in (mm)	108.0	2,743
		D9	Overall Height (Raised w/o Boom)	in (mm)	178.0	4,521
			Overall Height (Raised w/ Boom)	in (mm)	318.0	8,077

* The Taylor Direct Lift telescopic 2-stage mast uprights and crossmembers are constructed of high strength steel for minimal weight and improved visibility. The mast has two lifting eyes and bolt-on caps that permit safe, easy removal.

Carriage Dimensions:

Carriage	Standard	D7	Pin-type "C" carriage	in (mm)	70.0	1,778

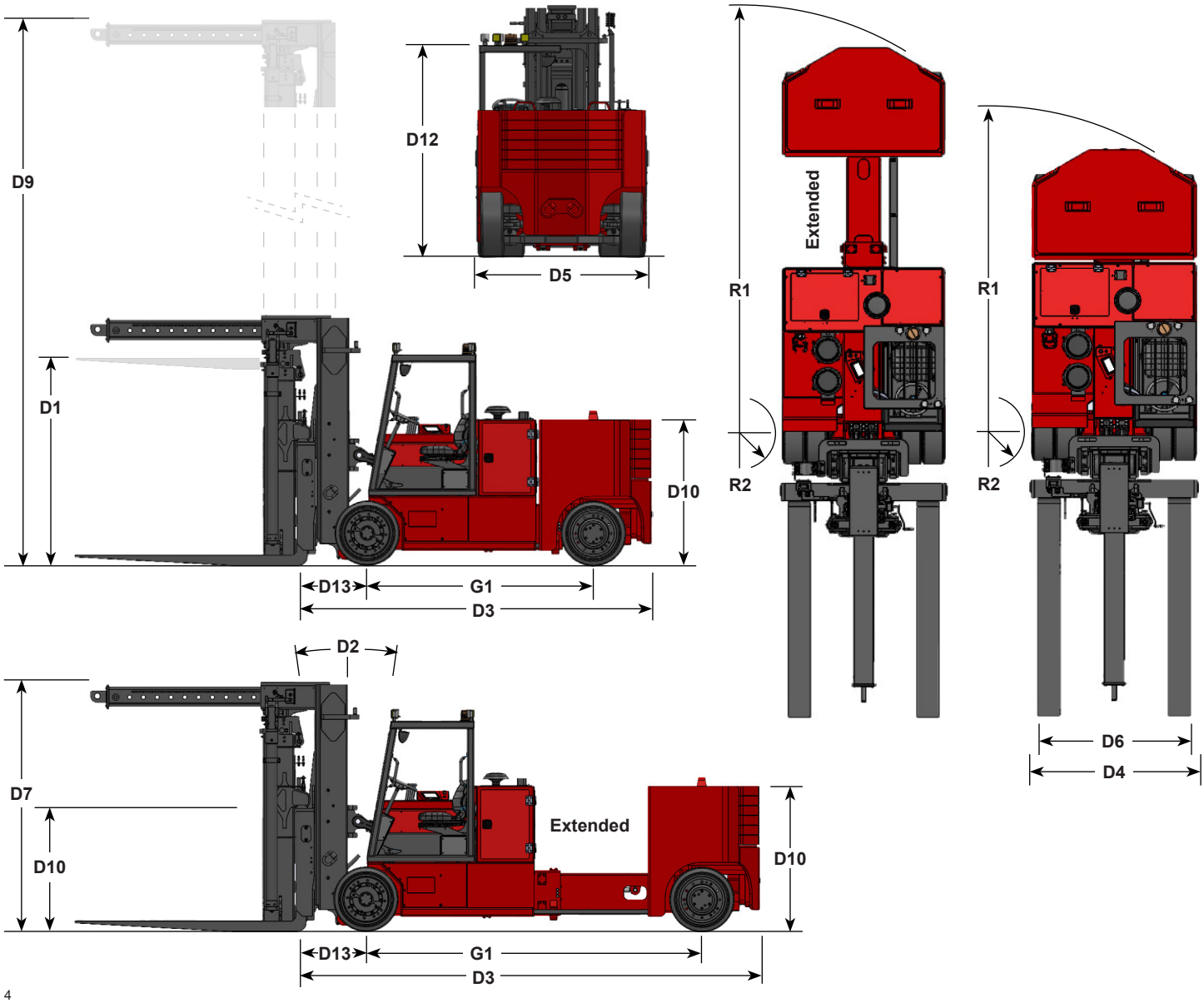
The mast and carriage main rollers are common and use shielded roller bearings.

Dimension references "Standard Fork Spread"

Fork Dimensions:

Forks	Standard	Thickness	in (mm)	4.5	114
		Width	in (mm)	10.0	254
		Length	in (mm)	96.0	2,438

The hook-type forks are pin-mounted and fully adjust from the outer carriage plates to the center brace. They are forged from heat treated steel and have square tips and bottom tapers. Optional fork or coil ram configurations are available but may effect the rated capacity of the standard truck and could require additional equipment. Any optional fork or coil ram application should be discussed with your Taylor sales representative.



Standard Features: XE-4060

- 100” Direct Lift Telescopic Mast (107-in lowered height)
- 70” Hook Type Carriage
- 4.5-in X 10-in X 96-in Hook Type Forks
- PSI 4.3L V6 LPG Engine
- Donaldson dry-type air cleaner w/safety element & restriction indicator
- Rexroth Hydrostatic Transmission
- Powertrain Protection System for engine
- Rexroth Drive hubs
- Taylor 300 welded steel Steer Axle (single hydraulic cylinder design with heavy-duty links from the cylinder ram directly to tapered roller bearing mounted spindles)
- 28 x 20 x 22 Poly Drive Tires
- 28 x 10 x 22 Poly Steer Tires

Chassis

- Six drop in counterweight slabs
- Side service doors and bolted panels open to expose drive train for ease of maintenance.

Cab

- Open operator base with overhead guard
- Adjustable Black Vinyl Covered Mechanical Suspension Seat
- Manual control valve levers
- Operator Restraint System (Orange, anti-cinch seat belt with starting sequence neutral lock)
- Operator Presence System with timed idle and neutral shutdown (5 minute default, password adjustable from 1-120 minutes by end user)
- Taylor Integrated Control System (TICS) …see next page for additional info
- 7-in touch screen color display
- TaylorTrak Telematics
- Color and number coded wiring.
- Hydrostatic, steer-on-demand power steering

Electrical

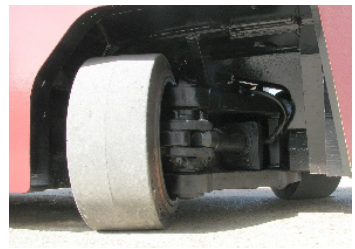
- 12-volt electrical system with 95 amp alternator
- Heavy-duty battery
- Battery disconnect/lock-out switch
- Circuit breakers with heavy duty connectors (no automotive type fuses)
- Breaker reset switches
- Key-type start switch
- Dual electric horns
- Keyswitch-actuated amber strobe light
- Forward actuated warning alarm

Vehicle Information Package

- Operators Guide
- Maintenance and Service documentation including key circuit drawings (Serial Number Specific Parts Book is available upon request)
- Safety Check Manual and Video

Serviceability

Taylor Lift Trucks are designed with ease of maintenance and serviceability as a key priority. With today’s engine and emissions requirements, daily maintenance checks and timely periodic service are the key to your equipment’s longevity. All daily checks across the Taylor product line can be accessed from the ground or running board, ensuring that operators can complete these requirements with ease. Also, the sliding hood (on rollers), side service doors and removable floor panels open to expose the drive train and hydraulics to provide easy access for service and inspection.



Industry’s Toughest Steer Axle (Standard)

Easily Accessible Daily Checks

Hydraulics & Brakes

Taylor Lift Trucks feature hydraulic systems that utilize gear type pumps and sectional control valves. Joystick control that can be tuned for operator comfort is standard on all of our models. Power-on-Demand is also featured on every Taylor lift truck, but can be turned off to suit operator preferences. The Hydraulic tank features a spin-on breather, wiremesh strainers, full-flow 10-micron return-line filters and a replaceable internal element. The hydraulic oil and wet disc brakes are cooled by an air-to-oil cooler separate from the transmission cooler. Taylor strives to keep things simple and use appropriate technology that brings value to our customers.

Taylor Integrated Control System (TICS)

- TICS gives customers the ability to customize operation parameters of their Taylor lift truck, perform diagnostics, and monitor key functions including fuel consumption.
- The TICS interface is simple, easy to understand and user friendly.
- The TICS diagnostic ability is key to quick repair and less downtime.
- Troubleshooting and diagnosing most problems can be done by the customer’s own mechanic, without the need for a service tech with a detached computer.
- There are multiple options available including, but not limited to, scale systems, modem based fleet tracking and the Vision Plus™ pedestrian detection system.

NEED OPTIONS?

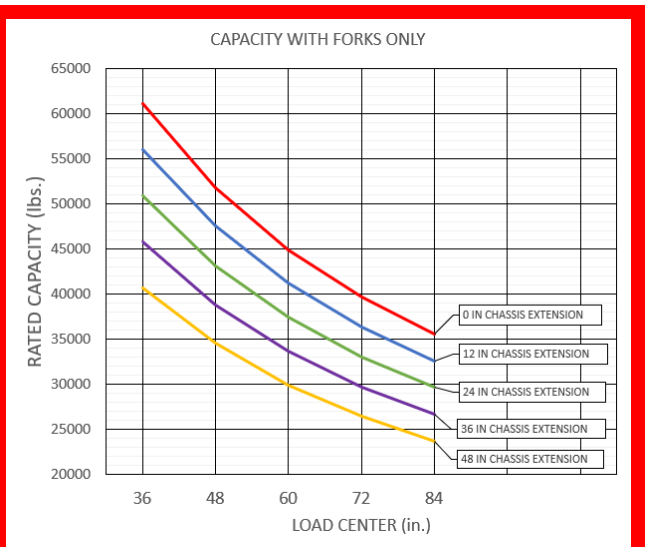
Just ask one of our Taylor Specialist.

Taylor Machine Works was founded on the promise of meeting our customer’s needs. The signage on our original facility in 1927 stated “We Engineer and Build What You Need” and those ideals still ring true today! From multiple Mast, Carriage and Fork configurations to Special Attachments that are unique to your business, we will step forward to meet the challenge. We have a dedicated engineering group focused on meeting special request from our customers. This ensures that you have the exact equipment you need to tackle your rugged applications. With hundreds of options readily available for our trucks, and the ability to custom engineer any other need that arises, Taylor Machine Works is here ready to serve.

XE-4060 FORKS ONLY

Capacity Based On Wheelbase and # of Plates

Plate Weight (lbs) =	3050	3050	3050	3050	3050
Wheelbase (in) =	98	110	122	134	146
# of Plates	**Capacity**				
6 =	40700	45800	50900	56000	61100
5 =	37100	41700	46400	51100	55700
4 =	33400	37700	41900	46100	50300
3 =	29800	33600	37400	41100	44900
2 =	26200	29500	32900	36200	39500
1 =	22600	25500	28300	31200	34100
0 =	19000	21400	23800	26200	28700



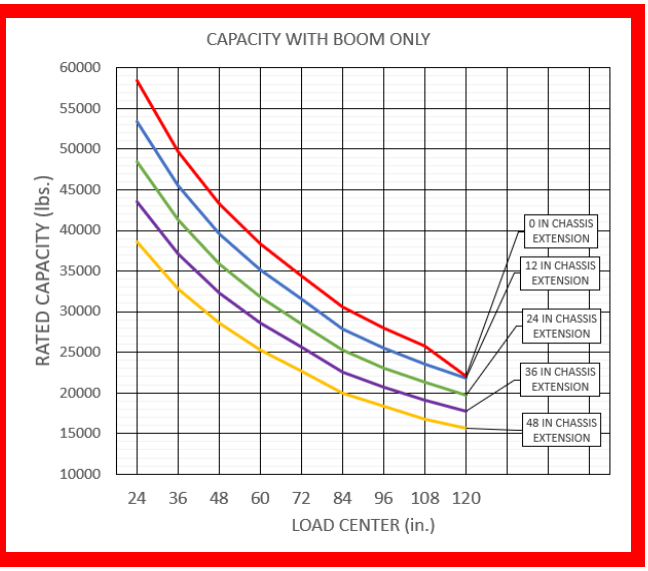
Lift Capacities with Forks Only (lbs) SEE CHART ►

Counterweight Extension (in) with Maximum Counterweight Plates (6)					
L.C. (in)	**0-in Extension**	**12-in Extension**	**24-in Extension**	**36-in Extension**	**48-in Extension**
36 =	40700	45800	50900	56000	61100
48 =	34500	38800	43100	47500	51800
60 =	29900	33600	37400	41200	44900
72 =	26400	29700	33000	36300	39700
84 =	23600	26600	29600	32500	35500

XE-4060 BOOM ONLY

Capacity Based On Wheelbase and # of Plates

Plate Weight (lbs) =	3050	3050	3050	3050	3050
Wheelbase (in) =	98	110	122	134	146
# of Plates	**Capacity**				
6 =	38600	43500	48500	53400	58400
5 =	35100	39600	44100	48600	53100
4 =	31600	35700	39700	43800	47900
3 =	28100	31700	35400	39000	42700
2 =	24600	27800	31000	34200	37400
1 =	21100	23900	26600	29400	32200
0 =	17600	20000	22300	24600	26900



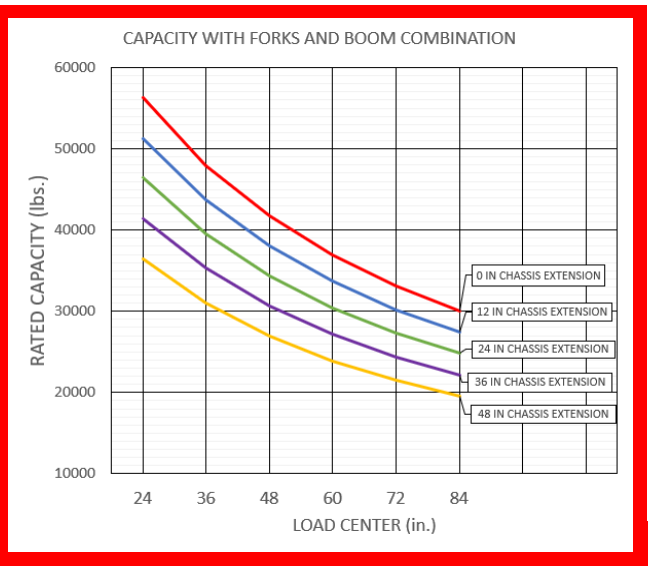
Lift Capacities with Boom Only (lbs) SEE CHART ►

Counterweight Extension (in) with Maximum Counterweight Plates (6)					
L.C. (in)	**0-in Extension**	**12-in Extension**	**24-in Extension**	**36-in Extension**	**48-in Extension**
24 =	38600	43500	48500	53400	58400
36 =	32800	37100	41300	45500	49700
48 =	28600	32300	35900	39600	43300
60 =	25300	28600	31800	35100	38300
72 =	22700	25600	28500	31500	34400
84 =	20000	22600	25300	27900	30600
96 =	18300	20700	23100	25500	28000
108 =	16800	19100	21300	23500	25800
120 =	15600	17700	19700	21800	22000

XE-4060 BOOM & FORKS

Capacity Based On Wheelbase and # of Plates

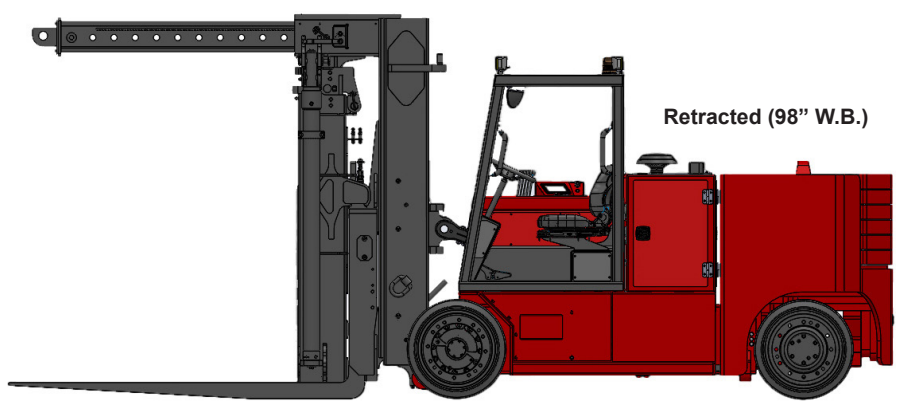
Plate Weight (lbs) =	3050	3050	3050	3050	3050
Wheelbase (in) =	98	110	122	134	146
# of Plates	**Capacity**				
6 =	36500	41400	46400	51300	56300
5 =	33000	37500	42000	46500	51000
4 =	29500	33500	37600	41700	45800
3 =	26000	29600	33300	36900	40500
2 =	22500	25700	28900	32100	35300
1 =	19000	21800	24500	27300	30100
0 =	15500	17800	20200	22500	24800



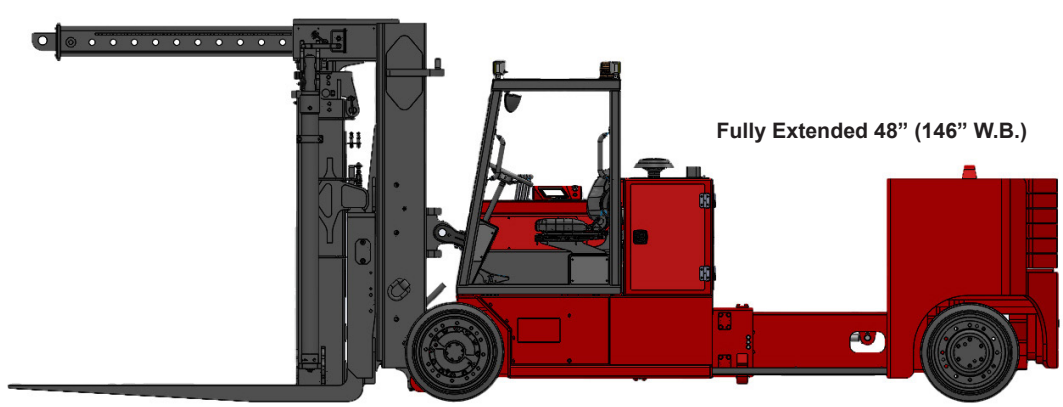
Lift Capacities with Boom & Forks (lbs) SEE CHART ►

Counterweight Extension (in) with Maximum Counterweight Plates (6)

L.C. (in)	0-in Extension	12-in Extension	24-in Extension	36-in Extension	48-in Extension
24 =	36500	41400	46400	51300	56300
36 =	31000	35300	39500	43700	47900
48 =	27000	30700	34400	38000	41700
60 =	23900	27200	30400	33700	36900
72 =	21500	24400	27300	30200	33100
84 =	19500	22100	24800	27400	30000



Retracted (98” W.B.)



Fully Extended 48” (146” W.B.)

DISCLAIMER:
This vehicle is certified to meet the applicable design and performance criteria required for Powered Industrial Trucks in OSHA Safety and Health Standards, Title 29 CFR. Part 1910.178, and the applicable design and performance requirements in ANSI B56.1 that were in effect at the time of manufacture. These standards also apply to the user and should be adhered to while operating this vehicle.

All specifications are subject to change without notice. Some operating data may be affected by the condition of the vehicle, how it is operated and the nature and condition of the operating area. If these specifications are critical, contact the factory.

TAYLOR
SUDDEN SERVICE
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www.taylorsuddenservice.com

24/7 Worldwide Support

No-one can match our record for service and reliability.
Unbeatable customer service, backed by over 90 years of customer satisfaction.

TAYLOR
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