



## **"Big Red" TH-350L**

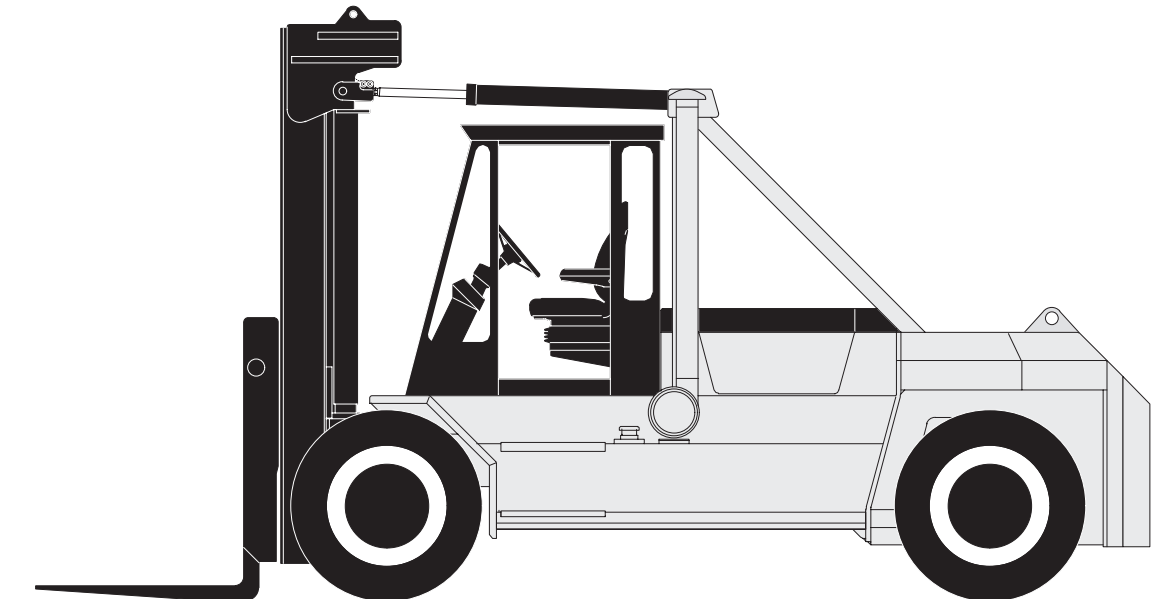
---

### **Taylor Industrial Trucks Standard Specifications**

**Rated Capacity 35,000-lbs. (15,875 kg)**

**48-in. (1,219 mm) Load Center**

**140-in. (3,556 mm) Wheelbase**



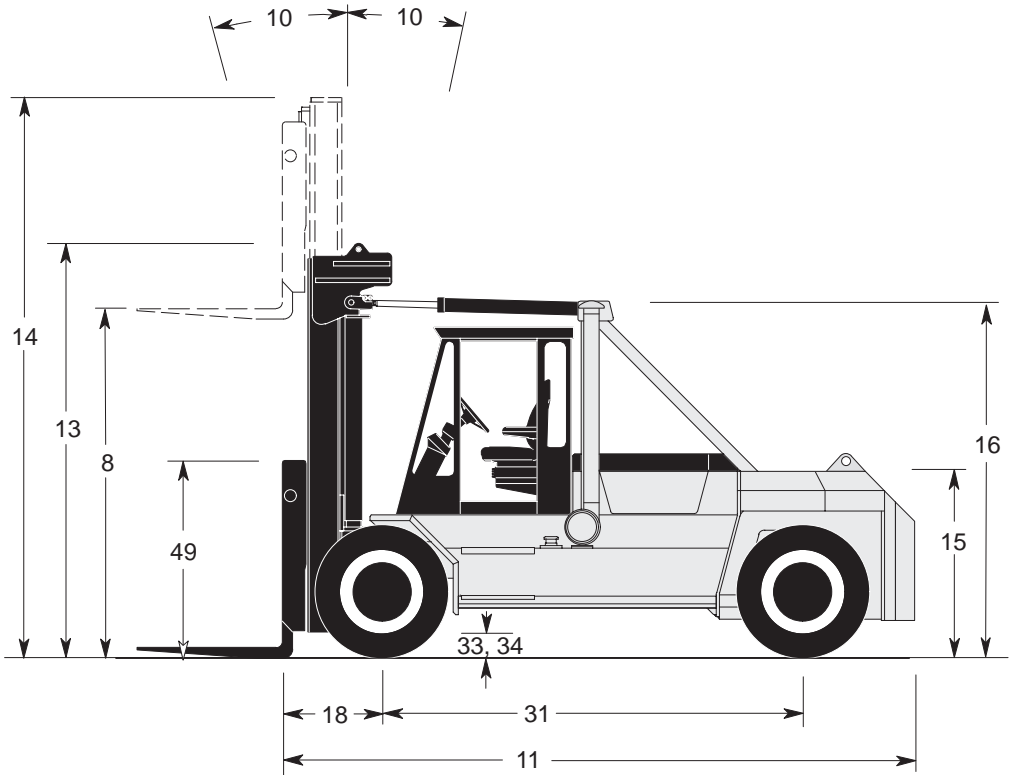
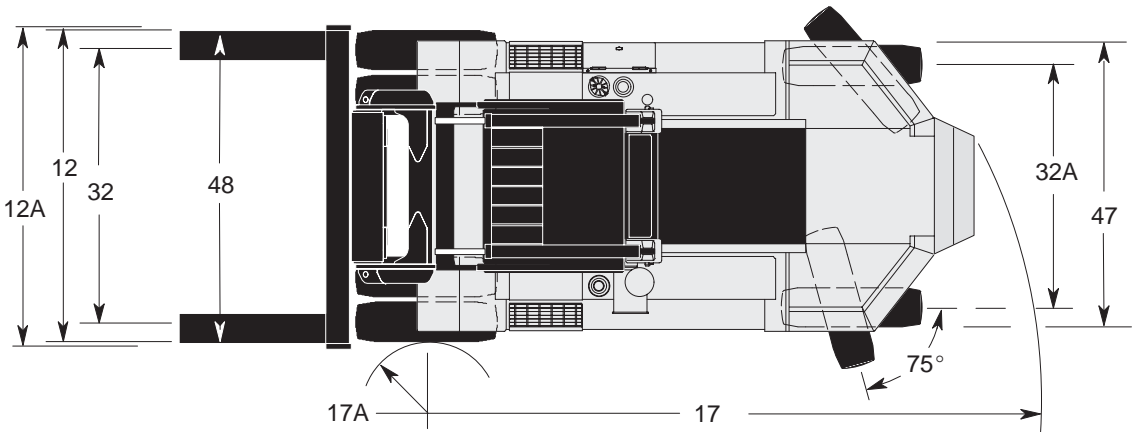
# "Big Red" TH-350L

GENERAL	1.	Manufacturer	Manufacturer's Name	TAYLOR	
	2.	Model	Manufacturer's Designation	TH-350L	
				English	Metric
	3.	Capacity	Rated Capacity	35,000	15,875
	4.	Load Center	Distance	48	1,219
DIMENSIONS	5.	Power Type	Gas, LPG, Or Diesel	Diesel	
	6.	Tire Type	Cushion, Pneumatic Front / Rear	Pneumatic / Pneumatic	
	7.	Wheels	Number (X = Driven) Front / Rear	4X / 2	
	8.	Upright Lift	Standard Lift (Top Of Fork)	136	3,442
	9.	Forks	Thickness	4	102
	9A.		Width	8	203
	9B.		Length	96	2,438
	10.	Tilt Angle	Standard Upright - Forward / Backward	15 / 12	
	11.	Overall Dimensions	Length To Face Of Forks	215	5,461
	12.		Width (Standard Tires)	103	2,615
	12A.		Width (Carriage)	108.5	2,756
	13.		Height, Standard Upright Lowered	146	3,708
	14.		Height, Standard Upright Extended	212	5,385
	15.		Height To Top Of Counterweight	63	1,600
	16.		Height To Top Of A-Frame	118	3,000
	17.	Turning Radius	Minimum Outside	207	5,258
	17A.		Minimum Inside	26	660
	18.	Load Distance	Center of Wheel To Face Of Forks	35	889
	19.	Aisle Width	(Add Load Length For 90° Stacking)	242	6,147
PERFORMANCE	20.	Stability	Comply With ANSI?	Yes	
	21.	Speeds	Travel Speed - Maximum Forward	17.4	28
	22.		Lift Speed - No Load	68	.35
	22A.		Lift Speed - With Load	65	.33
	23.		Lowering Speed - No Load / With Load	70 / 75	.36 / .38
	24.	Drawbar Pull	Powershift (Maximum At Stall)	25,222	112
	25.	Gradeability	Powershift (Maximum At Stall) No Load	34.7	
WEIGHTS / TIRES	25A.		Powershift (Maximum At Stall) With Load	31.4	
	26.	Ttl. Apprx. Wt.	Standard Truck	52,300	23,723
	27.	Axle Loading	Static With Rated Load - Front	80,000	36,288
	27A.		Static With Rated Load - Rear	7,300	3,311
	27B.		Static With No Load - Front	24,250	11,000
	27C.		Static With No Load - Rear	28,050	12,723
	28.	Tires	Number - Front / Rear	4 / 2	
	29.		Size - Front	12.00 x 20 - 20 PR	
	30.		Size - Rear	12.00 x 20 - 20 PR	
	31.	Wheelbase	Distance	140	3,556
POWER UNITS / XMS	32.	Tread	Center Of Outside (Dual) Tires - Front	90	2,280
	32A.		Center Of Tires - Rear	80	2,030
	33.	Ground Clearance	No Load At Lowest Point	9	230
	34.		No Load At Center Of Wheelbase	16	410
	35.	Brakes	Service / Parking - Method Of Control	Foot / Hand	
	36.		Service / Parking - Method Of Operation	Air / Spring	
	37.	Battery	Volts / Ampere Hours (1 Battery)	12 / 1150	
	38.	Internal Combustion Engine	Make / Model	Cummins QSB5.9-30	
	39.		Output - Intermittent Per SAE Standards	160	119
	40.		Governed Speed - With Load	2200	
	41.		Cycle / Number Of Cylinders / Displacement	4 / 6 / 359	4 / 6 / 5.9
	42.	Clutch	Type	Inching	
	43.	Gear Change	Type	Hand	
	44.	Transmission	Number Of Speeds - Forward / Reverse	3 / 3	
	45.		Type	Powershift	
	46.	Relief Pressure	For Attachments	2,000	138
	47.		Width Across Counterweight	95.5	2,426
	48.		Standard Fork Spread	100	2,540
	49.		Ground To Top Of Carriage	68.5	1,740
	50.		Load Moment	2,905,000	33,470

† NOTE: Performance specifications are for trucks equipped as described on the back page of this specification sheet. 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.

“Big Red” TH-350L

Mast Dimensions (inches / millimeters)						
2-Stage ULTRA-VU Telescopic Mast	Optional Lift Height (8)*		OAHL (13)		OAHR (14)	
	English	Metric	English	Metric	English	Metric
	136	3,454	146	3,708	212	5,385
	160	4,064	158	4,013	236	5,994
	184	4,674	170	4,318	260	6,604
*Includes Fork Thickness	220	5,588	188	4,775	296	7,518



---

# "Big Red" TH-350L

## Engine

Cummins QSB5.9-30 electronic turbocharged diesel, 6-cylinder engine. 359 cu-in. (5.9 L) displacement. 4.02-in. (102 mm) bore x 4.72-in. (120 mm) stroke. Peak power 160 horsepower (119 kW) at 2000 rpm. Peak torque 440 ft-lbs. (596 N-m) at 1500 rpm. (SAE J1995 Conditions).

Emission certification: US EPA Tier II, Carb Tier II, EU Stage II. The fuel tank capacity is 50 gallons (189 L).

Includes engine and transmission protection system.

## Air Cleaner

The dry type air cleaner has a safety element, restriction indicator and vertical air intake extension.

## Cooling System

The conventional top / bottom tank radiator has wide fin spacing to reduce dirt build-up and provide optimum engine cooling.

## Electrical, Instrumentation, and Accessories

The one-piece instrument panel is pre-wired to accommodate heavy-duty accessories. All wiring is color coded.

The unit has a 12-volt electrical system with circuit breakers. Standard equipment includes a key-type anti-restart ignition switch system, 100-amp alternator, heavy-duty battery, mechanical pressure gauges, lighted instruments, electric horn, keyswitch-actuated amber strobe light, forward alarm, and a reverse-actuated warning horn.

Gauges include engine coolant temperature, fuel level, air pressure, and hourmeter. Indicator lights include , seat belt, low air, engine oil pressure, parking brake, battery indicator and Tier II engine electronic diagnostic light package.

The unit has tilt steering and rear view mirrors.

## Transmission

The three-speed, fully reversing, modulated powershift transmission has inching, electric roll shift control, and a separate air-to-oil cooler. The filler pipe dipstick and large, heavy-duty oil filter are easily accessible.

## Drive Axle

The bolted heavy-duty planetary drive axle utilizes a hypoid ring gear and pinion. Disc wheel mountings.

## Steer Axle

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

## Brake System

The 16.5-in. (419 mm) diameter x 7-in. (178 mm) wide S-cam air service brakes utilize a pedal to combine transmission inching / disconnect with brake actuation and a separate pedal for brake actuation. The spring applied parking brake is drive axle chamber type; the parking brake control is mounted on the instrument panel.

## Power Steering

The hydrostatic, steer-on-demand steering system provides constant response at all engine speeds.

## Chassis

The all-welded frame has an integral, sloped, counterweight. The hood is spring assisted. The rubber-mounted, center mount overhead guard is integral with the base assembly. The suspension seat with an operator seat belt is adjustable.

## Hydraulic System

The high capacity hydraulic tank has a spin-on tank breather, wire-mesh strainers, and full-flow 10-micron return-line filters with a replaceable element in the tank. The tank refill capacity is 45 gallons (170 L).

The hydraulic system utilizes a gear-type pump and sectional control valves. A tilt-lock valve reduces mast drift and torsional stress. The lift cylinders have self-adjusting packing. The standard dual pilot operated control levers are conveniently located.

## Mast, Carriage, and Rollers

The 11-ft. (3.4 m) ULTRA-VU telescopic, nested-channel mast, with two multiple-leaf lift chains, is constructed of high-strength steel. The double-acting lift cylinders are nested to the rear of the mast rails. Two lifting eyes and bolt-on caps permit safe, easy removal.

Pin-type 100-in. (2540 mm) wide "C" carriage.

The mast and carriage main rollers are common and use shielded roller bearings. Chain rollers use sealed ball bearings. Side bearings are adjustable to compensate for wear.

## Forks

The 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.

Size: 4-in. x 8-in. x 96-in. (102 mm x 203 mm x 2,438 mm)

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 operating area. If these specifications are critical, contact the factory.

Note: Illustrations of equipment may sometimes show optional equipment not included on a standard model.