



“Big Red”

TE-800L / TE-925S

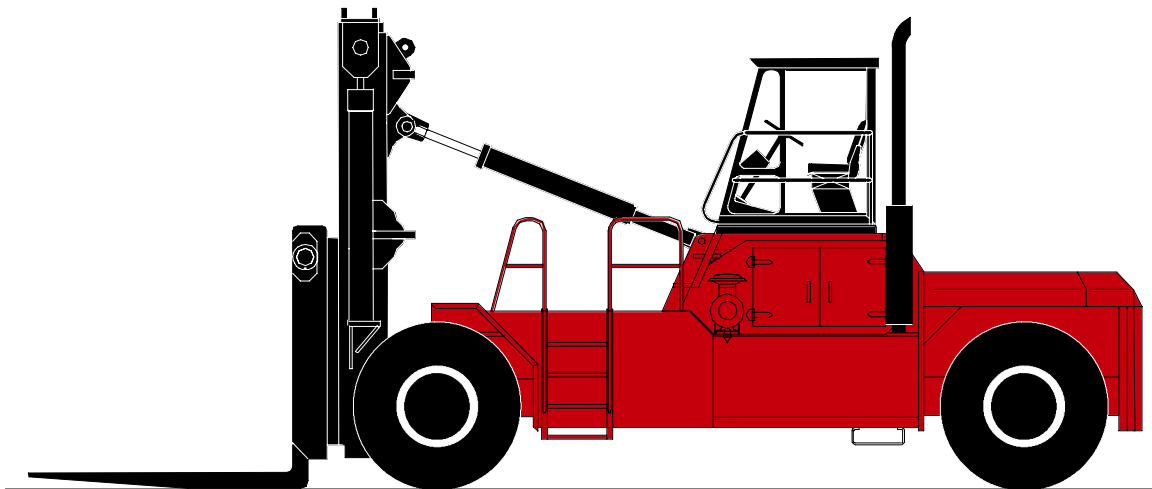
**Taylor Industrial Trucks
Standard Specifications**

TE-800L Rated Capacity 80,000-lbs. **(36,288 kg)**

TE-925S Rated Capacity 92,500-lbs. **(41,958 kg)**

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

225-in. **(5,715 mm)** Wheelbase



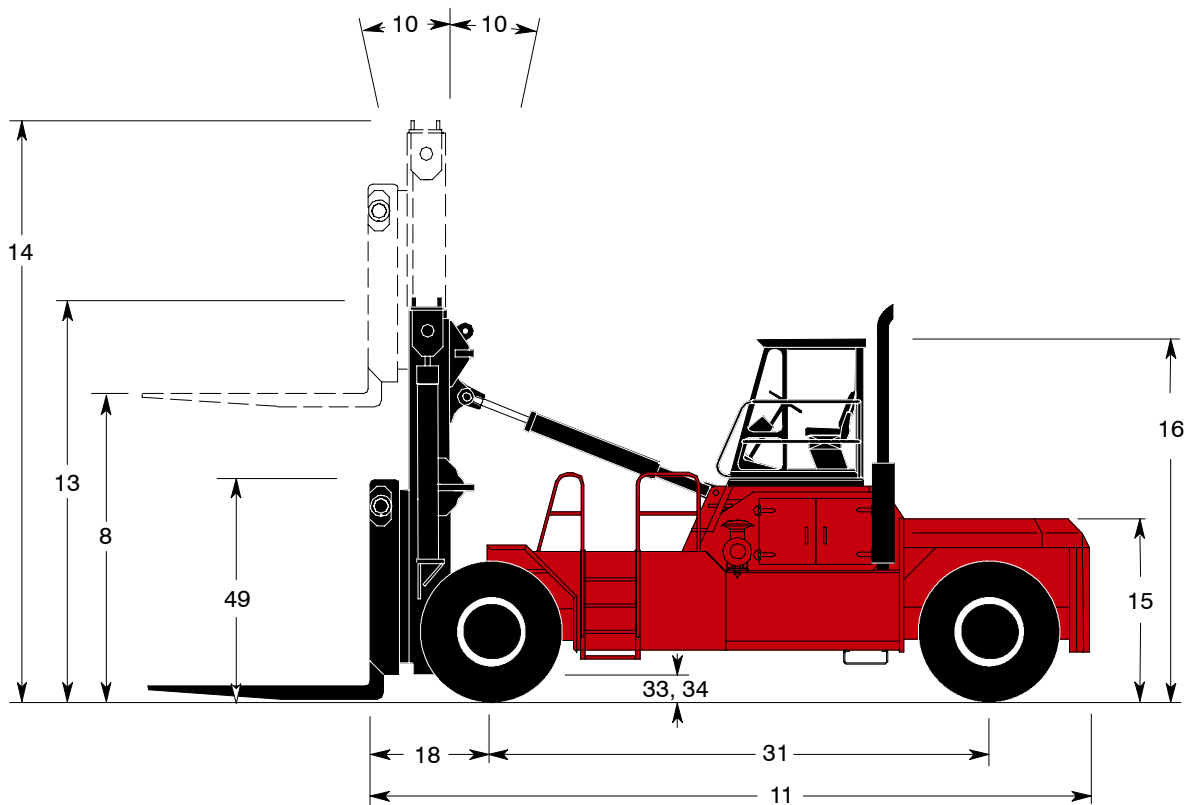
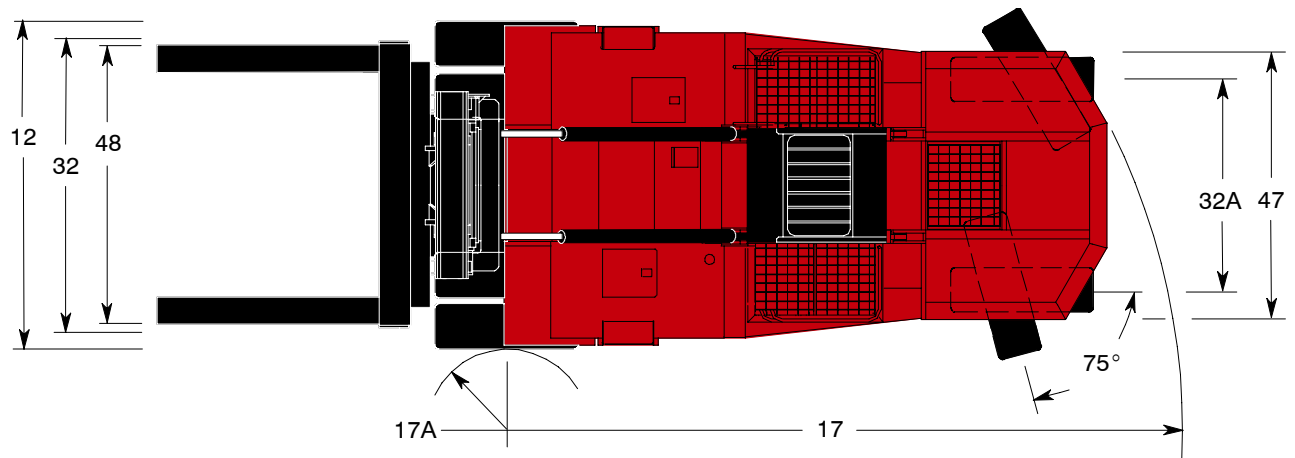
"Big Red" TE-800L / TE-925S

GENERAL	1	Manufacturer	Manufacturer's Name	TAYLOR		TAYLOR		
	2	Model	Manufacturer's Designation	TE-800L		TE-925S		
				English	Metric	English	Metric	
	3	Capacity	Rated Capacity	lb (kg)	80,000	36,288	92,500	41,958
	4	Load Center	Distance	in (mm)	48	1,219	48	1,219
	5	Power Type	Gas, LPG, Or Diesel		Diesel		Diesel	
	6	Tire Type	Cushion, Pneumatic Front / Rear		Pneumatic / Pneumatic		Pneumatic / Pneumatic	
	7	Wheels	Number (X = Driven) Front / Rear		4X / 2		4X / 2	
DIMENSIONS	8	Upright Lift	Standard Lift (Top Of Fork)	in (mm)	138	3,505	138	3,505
	9	Forks	Thickness	in (mm)	6	152	6	152
	9A		Width	in (mm)	12	305	12	305
	9B		Length	in (mm)	96	2,438	96	2,438
	10		Tilt Angle	Standard Upright - Forward / Backward	deg. °	12 / 12		12 / 12
	11	Overall Dimensions	Length To Face Of Forks	in (mm)	320	8,128	320	8,128
	12		Width (Standard Tires)	in (mm)	147.5	3,746	147.5	3,746
	13		Height, Standard Upright Lowered	in (mm)	173	4,394	173	4,394
	14		Height, Standard Upright Extended	in (mm)	239	6,071	239	6,071
	15		Height To Top Of Counterweight	in (mm)	81	2,057	81	2,057
	16	Turning Radius	Height To Top Of Cab	in (mm)	162	4,115	162	4,115
	17		Minimum Outside	in (mm)	296	7,518	296	7,518
	17A	Minimum Inside	in (mm)	0	0	0	0	
18	Load Distance	Center of Wheel To Face Of Forks	in (mm)	52	1,321	52	1,321	
19	Aisle Width	(Add Load Length For 90° Stacking)	in (mm)	348	8,839	348	8,839	
PERFORMANCE	20	Stability	Comply With ANSI?		Yes		Yes	
	21	Speeds	Travel Speed - Maximum Forward	mph (km/h)	14.2	22.8	14.1	22.7
	22		Lift Speed - No Load	fpm (m/s)	41	0.21	41	0.21
	22A		Lift Speed - With Load	fpm (m/s)	39	0.20	39	0.20
	23		Lowering Speed - No Load / With Load	fpm (m/s)	Adjustable		Adjustable	
	24	Drawbar Pull	Powershift (Maximum At Stall)	lb (kN)	41,643	185	41,137	183
25	Gradeability	Powershift (Maximum At Stall) No Load	%	36.2		33.7		
25A		Powershift (Maximum At Stall) With Load	%	20.4		18.2		
WEIGHT	26	Ttl. Apprx. Wt.	Standard Truck	lb (kg)	110,940	50,322	123,750	56,133
	27	Axle Loading	Static With Rated Load - Front	lb (kg)	175,696	79,696	198,611	90,090
	27A		Static With Rated Load - Rear	lb (kg)	15,244	6,915	17,639	8,001
	27B		Static With No Load - Front	lb (kg)	60,140	27,280	60,140	27,280
	27C		Static With No Load - Rear	lb (kg)	50,800	23,043	58,750	26,649
WHEELS / TIRES	28	Tires	Number - Front / Rear		4 / 2		4 / 2	
	29		Size - Front		18.00 x 25 - 32 PR		18.00 x 25 - 32 PR	
	30		Size - Rear		18.00 x 25 - 32 PR		18.00 x 25 - 32 PR	
	31	Wheelbase	Distance	in (mm)	225	5,715	225	5,715
	32	Tread	Center Of Outside (Dual) Tires - Front	in (mm)	127.5	3,238	127.5	3,238
	32A		Center Of Tires - Rear	in (mm)	103	2,616	103	2,616
	33	Ground Clearance	No Load At Lowest Point	in (mm)	12	305	12	305
	34		No Load At Center Of Wheelbase	in (mm)	-	-	-	-
35	Brakes	Service / Parking - Method Of Control		Foot / Hand		Foot / Hand		
36		Service / Parking - Method Of Operation		Air / Mechanical		Air / Mechanical		
POWER UNITS / XMSN	37	Battery	Volts / Ampere Hours (2 Batteries)	V/Ah	12 / 2800		12 / 2800	
	38	Internal Combustion Engine	Make / Model		Cummins QSM11-C335		Cummins QSM11-C335	
	39		Output - Intermittent Per SAE Standards	hp (kW)	335	250	335	250
	40		Governed Speed - With Load	rpm	2100		2100	
	41		Cycle / Number Of Cylinders / Displacement	cu in (L)	4 / 6 / 660	4 / 6 / 10.8	4 / 6 / 660	4 / 6 / 10.8
	42	Clutch	Type		Declutch		Declutch	
	43	Gear Change	Type		Hand		Hand	
	44	Transmission	Number Of Speeds - Forward / Reverse		3 / 3		3 / 3	
	45		Type		Powershift		Powershift	
	46	Relief Press.	For Attachments	psi (bar)	1500	103	1500	103
47		Width Across Counterweight	in (mm)	120	3,048	120	3,048	
48		Standard Fork Spread	in (mm)	120	3,048	120	3,048	
49		Ground To Top Of Carriage	in (mm)	99	2,515	99	2,515	
50		Load Moment	in-lbs (m-kg)	8,000,000	92,172	9,250,000	106,573	

† 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" TE-800L / TE-925S

Mast Dimensions (inches / millimeters)						
2-Stage ULTRA-VU Telescopic Mast	Standard Lift Height (8)		OAHL (13)		OAGR (14)	
	English	Metric	English	Metric	English	Metric
	138	3,505	173	4,394	239	6,071



“Big Red” TE-800L / TE-925S

Engine

Cummins QSM11-C335 electronic turbocharged, charged air aftercooled (air to air) diesel engine. Rated power of 335-hp (250 kW) at 2100 rpm. Maximum power of 365-hp (272 kW) at 1800 rpm. The 4-cycle in-line 6 cylinder engine has 660 cubic in. (10.8 liter) displacement. The bore is 4.92 in. (125 mm) x 5.79 in. (147 mm) stroke. Peak torque is 1235 ft.-lbs (1674 N-m) at 1400 rpm (SAE J1349). This peak torque is maintained from 1000 to 1400 rpm.

Emission certification: US EPA Tier III, Carb Tier III, EU Stage III.

The fuel tank capacity is 135 gallons (511 L).

Air Cleaner

The 2-stage, heavy-duty, dry air cleaner with restriction indicator is easily serviced.

Cooling System

Deaeration tank, with sight gauge for checking coolant level, provides optimum engine cooling.

Electrical, Instrumentation, and Accessories

The one-piece instrument panel flips down for easy servicing and is pre-wired to accommodate heavy-duty accessories. All wiring is color coded.

The unit has a 12-volt electrical system, key-type anti-restart ignition system, two 220 amp-hour batteries, 160-amp alternator, main battery disconnect switch, mechanical pressure gauge, electrical temperature gauges, thermal reset circuit breakers, and lighted instruments.

Standard equipment includes six worklights (four front, two rear), rear-view mirror, horn, key-switch actuated amber strobe light, reverse-actuated warning alarm, and tilt steering.

Gauges included are fuel level, hourmeter, air pressure, engine oil pressure, engine coolant temperature, transmission oil pressure, and transmission oil temperature. Lights included are seat belt light, low air light, parking brake light, and Tier III engine electronic diagnostic light package.

Transmission

The three-speed, fully reversing, modulated, powershift transmission has declutch with brakes behind the declutch feature and electric shift control. The filler pipe dipstick and large, heavy-duty oil filter are easily accessible. Separate air-to-oil cooler. The integrally built torque converter has constant-mesh gear sets actuated by hydraulic clutch packs.

Drive Axle

Heavy-duty planetary. Hypoid ring gear and pinion with differential gearing. Bolted to the frame.

Steer Axle

Single cylinder design. Tapered wheel and kingpin bearings are fully sealed and never need adjusting.

Brake System

Force cooled wet-disc air over hydraulic service brakes. Wheel brakes are supplemented by an additional drive line brake which is spring applied for parking.

Power Steering

Hydrostatic steering system with excellent response at all engine speeds.

Chassis

The all-welded frame has an integral sloped counterweight and tubular, pinned A-frame. Hinged doors provide easy access to service points. The elevated center mount operator and overhead guard w/2 door cab, 25,000 BTU heater, front and rear windshield wipers, dome light, tinted windows, and one fan tilts forward to aid in engine removal. The adjustable vinyl covered mechanical suspension seat with flip-down, adjustable arm rests and orange seat belt.

Hydraulic System

The high capacity hydraulic tank has a spin-on tank breather, dual wire-mesh strainers, and a full-flow 10-micron return-line filter with a replaceable element in the tank. The filter condition indicator is mounted on the instrument panel. The tank refill capacity is 195 gallons (738 L).

The gear-type pumps are converter driven. Control valves are separate, stacked, spool-type. The tilt-lock valve prevents mast drift and torsional stress.

The self-aligning, bearing-mounted lift cylinders have chrome plated rods and self-adjusting packing. The control levers are conveniently located and the valves are controlled with hydraulic remotes.

Mast, Carriage, and Rollers

The 11-ft. (3.4 m) ULTRA-VU telescopic mast provides outstanding forward vision through the mast assembly. Two double-acting lift cylinders are located outside of mast rails. Tilt cylinders are double-acting with anti-cavitation feature. Lift and tilt cylinder rods are chrome plated. Tilt cylinders have adjustable ears. Roller pressure is minimized by use of widely spaced, full face load rollers. Side rollers are adjustable. Main and side rollers can be lubricated. Contact factory for lift chain location.

The pin-type “C” carriage has high strength-to-weight-ratio; fully adjustable from 120-in. (3,048 mm) outside to 3-in. (76 mm) inside forks.

Forks

Forged from heat treated steel. Square tip and bottom taper. Pin mounted. Size: 6-in. (152 mm) thick x 12-in. (305 mm) wide x 96-in. (2,438 mm) long.

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.