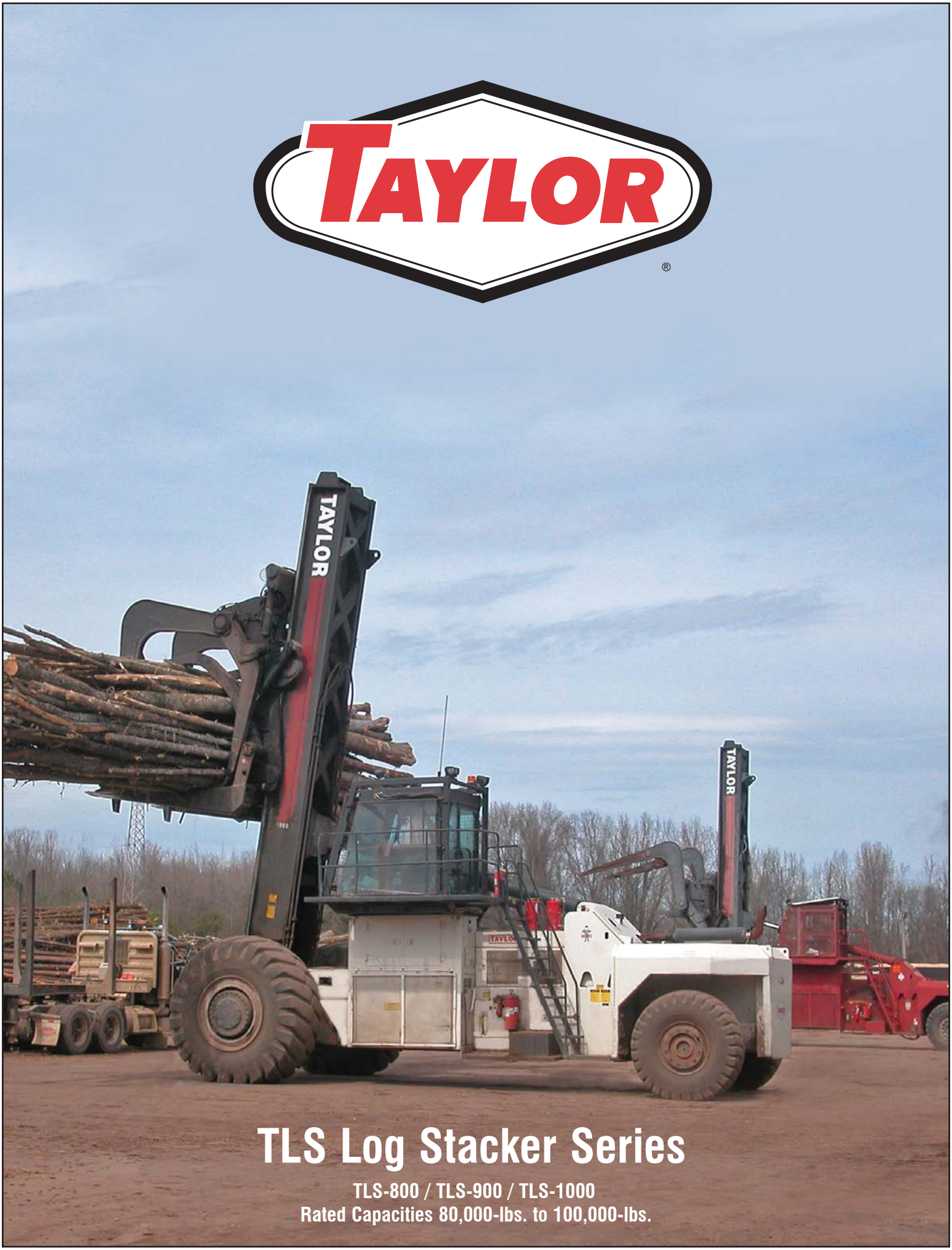


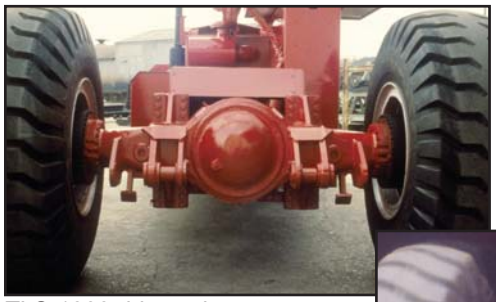
TLS Log Stacker Series

TLS-800 / TLS-900 / TLS-1000
Rated Capacities 80,000-lbs. to 100,000-lbs.

Taylor TLS Logstacker Series

Industrial Trucks with the lowest total operating cost in the industry.

- **Tier certified turbocharged diesel engines**
- **3-speed power shift transmission**
- **Rugged high-strength, all welded chassis and frames**
- **Ergonomically designed operator stations**
- **Fingertip full hydrostatic steering**
- **Lower fan speed and engine speed for less noise**
- **Large capacity steel wall fuel and hydraulic tanks**
- **High capacity cooling system for operation in all environments**



TLS-1000 drive axle

TLS-800 steer axle

Steer Axle

Heavy-duty industrial design with single steer cylinder. Heavy trunnion mounts with replaceable bearings and bolt-through cylinder mounting. Sealed, tapered roller bearings. Simple, proven, durable design with links directly to spindle.

Drive Axle

Heavy-duty outboard planetary drive axles. Wet disc air-actuated brakes with force cooling. Drive axle pinion mounted spring on, air off parking brake with brake saver system (does not allow operator to drive through parking brakes). Parking brake doubles as an operator controlled emergency brake.

Taylor TLS Product Line

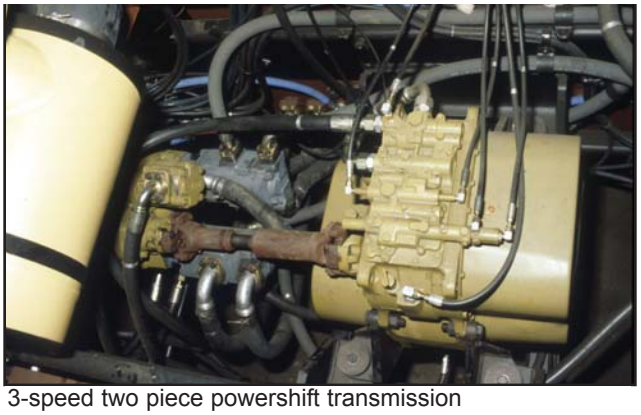
- **TLS-800 80,000-lb. Cap. at 48" L.C., 243" Wheelbase**
- **TLS-900 90,000-lb. Cap. at 48" L.C., 288" Wheelbase**
- **TLS-1000 100,000-lb. Cap. at 48" L.C., 288" Wheelbase**

Note: Components are subject to change without notice.

TLS-1000

Engine

Tier certified Cummins QSM11-330 electronic low emissions on TLS-800, QSX15-350 on TLS-900 and QSX15-400 on TLS-1000. Lower fan speed and engine speed for less noise. Floor board and hood insulation are standard. Muffler outboard with vertical stack for improved visibility and noise control. Electronic diagnostics on engine with fault code history for fast problem location. Built-in shut down system for engine and transmission are standard. High performance, non-metallic pusher fan which blows dust and debris away from operator. Dual element air cleaner with restriction indicator and dust ejector system for engine protection. High capacity cooling system for dependable operation in all environments. 12-volt electrical system with two heavy-duty batteries, high amp capacity alternator, 10 work lights, 6 front and 4 rear.



3-speed two piece powershift transmission

Transmission

Heavy-duty 3-speed two piece powershift transmission. Full directional modulation for soft directional changes with operator controlled electric declutch for precise vehicle position control. Separate air-to-oil transmission cooler. Sealed column-mounted, electric shift control for ergonomics and durability. Flex plate drive. Remote mounted filter reduces oil spills.

Operator Station

All models certified to meet ANSI B56.1 FOPS operator protection. Shock mounted, elevated left-hand offset mount operator full cab is standard. Cab is standard with front guard, air conditioner, pressurizer, heater, two defroster fans, front/rear wipers, CB radio, air horn and 10-lb. fire extinguisher. Joystick fingertip hydraulic remote controls for smooth, precise control. Control stand is adjustable. Premium cloth air suspension seat with arm rests reduces vibration and anti-cinch operator restraint allows movement and operator comfort. Tilt steering for operator comfort with fingertip full hydrostatic steering. Hinge down instrument panel and reset circuit breakers makes servicing easy. Convex, wide angle rear view mirrors. Keyswitch-actuated amber strobe light and forward and reverse motion alarm standard. High mounted tilt cylinder for mast stabilization.

Conveniently mounted gauges and systems warning lights and controls

Left side operator panel

Joystick fingertip hydraulic and electric remote controls for smooth precise control

TLS-1000 rear cab view

Optional log pushers to improve log stacking

Anti-slip steps and handrails for 3 point mounting and dismounting (meets new proposed ANSI B56.1 standard)

Mast

Standard ULTRA-VU two stage mast with excellent visibility; Greasable dual tapered type bearings with shields for common main rollers. Mast pivot housing is two-piece bolt-on for easy, safe service removal. Dual flow control valves allow controlled lowering in the event of hose failure. Sealed adjustable, common greaseable side rollers. Positive locked mast pivot pins sealed with optional remote grease points. Replaceable pivot bearings. Pressure compensated lowering control for near equal lowering speed empty or loaded. Emergency manual lowering valve system. Mast tilt angle indicator standard. Accumulator in lift circuit. Additional forward mast tilt allows high tiering/stacking of logs.

Carriage

97-in. wide log clamp carriage with kickers. Greaseable dual tapered type bearings with shields for common main rollers. Sealed adjustable common greaseable side rollers.

Chassis

All welded steel chassis with large 125-gal. capacity heavy gauge steel wall fuel tank with lockable cap and integral strainer on TLS-800 and TLS-900. Large 250-gal. capacity heavy gauge steel wall fuel tank on TLS-1000. Large capacity hydraulic tank with heavy steel wall. Promotes system cooling and has full flow intank return filtration, filter elements replaceable with easy access by two bolts. All daily checks can be made from running boards. Greaseable battery box door hinge.

Forks

Pin mounted 108-in. long tapered fabricated log forks spaced at 97-in out to out.

Optional

Mast heights and rail car clamps are available. Carriage hold down feature and log pushers are available to improve log stacking.

After Market Support

"You Can Depend On Big Red" is a personal and collective commitment from the Taylor "Big Red" Team to every customer. Customer needs and expectations are priorities for Taylor engineering, manufacturing, marketing, and service organizations. Sudden Service, Inc. and our worldwide Taylor dealer network are ready to respond to your requests for support requirements twenty-four hours a day, seven days a week!

WARRANTY - 12 month or 3 ,000 hours - genuine Taylor parts, labor and travel time provided; Complete details provided in Log Stacker limited warranty. Optional warranties are available.

TLS-900

TLS-800

Standard Equipment List

Cummins QSM-11-330 Electronic Low Emissions on TLS-800 • QSX15-350 on TLS-900 • QSX15-400 on TLS-1000 Charged-Air-Cooled and After-Cooled Diesel Engine w/Engine and Transmission Protection System • Lockable Fuel Cap w/Strainer • Donaldson Dry-type Air Cleaner w/Safety Element & Restriction Indicator • Muffler w/Stack Guard • 12-Volt Electrical System (with 100 Amp Alternator on TLS-800 and 135 Amp Alternator on TLS-900 and TLS-1000) • Anti-restart Ignition Switch • Tilt Steering • Two Heavy-Duty Batteries • Lighted Instruments • Air Horn • Keyswitch-actuated Amber Strobe Light • Reverse-actuated Backup Alarm • Forward Alarm • Rear View Mirrors • Powershift Transmission - 3 speed w/Declutch, Modulated, w/Electric Shift Control • Taylor Steer Axle • Outboard Planetary Drive Axles • Wet Disc Air-Actuated Brakes w/Force Cooling • Fully Hydrostatic Power Steering • Joystick Operated Controls • Elevated Offset Operator and Overhead Guard w/Cab and Skyview Window • Cab Standard w/Front Guard, Air Conditioner, Pressurizer, Heater, Two Defroster Fans, Front/Rear Wipers, CB Radio, 10-lb. Fire Extinguisher • Adjustable Cloth Covered Suspension Seat w/Seat Belt • Wire Mesh Strainers and Return Line Filters w/ Replaceable Elements in Tank on TLS-800 and TLS-900 • 3 Hydraulic Strainers in Tank w/4 Return Line Filters and Auxiliary Oil Cooler in TLS-1000 • Accumulator in Lift Circuit • Mast Tilt Angle Indicator • 20' ULTRA-VU Rigid Mast in TLS-800 and TLS-900 • 24' ULTRA-VU Rigid Mast in TLS-1000 • 97" Log Clamp Carriage w/Kickers • 108" Forks • See Model Specification Sheet For Standard Tire Sizes

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