



TLS LOG STACKER SERIES

FACTS AND FEATURES

ENGINE

- Tier certified Cummins QSM11-330 electronic, low emissions on TLS-800.
- Tier certified Cummins QSX15-350 electronic, low emissions on TLS-900.
- Tier certified Cummins QSX15-400 electronic, low emissions on TLS-1 000.
- Lower fan speed and engine speed for less noise
- Floor board and hood insulation 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 (high-coolant temperature and low-oil pressure) and transmission, 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)



TRANSMISSION

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

DRIVE AXLE

- Heavy-duty outboard planetary heavy duty 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
- Disc type rims for easy mounting and dismounting

STEER AXLE

- Heavy duty industrial design with single steer cylinder
- Simple, proven, durable design with links directly to spindle
- Bolt-on cylinder mounting
- Sealed tapered roller bearings throughout
- Heavy trunnion mounts with replaceable bearings

CARRIAGE

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

OPERATOR STATION

- Shock mounted elevated left hand offset mount operator full cab is standard on the TLS-1000
- Shock mounted elevated center mount operator full cab is standard on the TLS-800 and TLS-900
- Cab standard with front guard, air conditioner, pressurizer, heater, 2 defroster fans, front/rear wipers, CB radio, air horn and 10-lb. fire extinguisher
- Excellent visibility forward and rear
- Joystick fingertip hydraulic over hydraulic remote controls for smooth precise lift and tilt control. Electric over hydraulic controls for all other accessories; Adjustable control stand
- Anti-slip steps and handrails for 3-point mounting and dismounting





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OPERATOR STATION

- Premium cloth air suspension seat with armrests reduced vibration.
- Anti-cinch operator restraint allows movement for operator comfort
- Tilt steering wheel for operator comfort
- Hinge down instrument panel
- Finger tip full hydrostatic steering
- Convex, wide angle rearview mirrors
- Left pedal combines both brake and declutch controls
- All reset circuit breakers instead of fuses
- Key-actuated amber strobe light
- Forward and reverse motion alarms standard
- High mounted tilt cylinder for masts stabilization
- All models certified to meet ANSI 856.1 FOPS operator protection

CHASSIS

- All welded steel chassis
- Large 125-gallon capacity, heavy gauge steel wall fuel tank with lockable cap and integral strainer on TLS-800 and 900
- Large 250-gallon capacity, heavy gauge steel wall fuel tank with lockable cap and integral strainer on TLS-1000
- Large capacity hydraulic tank with heavy steel wall; Promotes system cooling and has full flow in tank 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
- "ORS" face seal a-ring fittings to control leaks
- Large high mount diameter tilt cylinder with adjustable ends; self-aligning spherical bearings, greaseable; excellent metering at high lift heights
- Tilt lock control valve prevents mast twist

SUPPORT DATA

Best support data available in the industry which includes: Operator's Guide' Maintenance / Service Manual

- Parts Manual on CD ROM • Safety Booklet • Safety Video • Structural Inspection Reporting and Repair Manual
- Operator Training Exam/Answer Sheet • Other OEM notifications and/or warranties

MAST

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

FORKS

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

OPTIONAL

- Mast lift heights
- Rail car clamps
- Log pushers
- Carriage log hold down feature

PARTS AND SERVICE

- Total USA parts and service available
- Technically trained service personnel at dealer locations
- Best support data available in the industry
- Support data supplied free with unit at delivery

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 available based on customer needs

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