

TAYLOR *FACTS AND FEATURES*

TS Series TAYLOR STACKER

TS-1068

ENGINE

- Tier compliant Cummins electronic, low emissions
- Floor boards and cab insulation standard
- Muffler inboard 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, standard
- Remote mounted engine and transmission cooling package
- Cooling fan is hydraulically driven
- Hinged transmission cooler provides easy access for cleaning of cooling package from ground
- High capacity cooling system for dependable operation in all environments
- Dual element air cleaner with restriction indicator system for engine protection
- Can be serviced from running board and deck
- 12-Volt/160 amp alternator electrical system
- Main battery disconnect switch

TRANSMISSION

- Dana heavy-duty 4-speed powershift transmission with automatic powershift control
- Operator controlled hydraulic declutch for vehicle position control
- Declutched transmission using pressure switch in hydraulic brake circuit with signal to APC
- Full directional modulation for soft directional changes
- Sealed column-mounted, electric shift control for ergonomics and durability
- Separate air to oil transmission cooler with easy ground access cleaning
- Transmission cooler has wide fin spacing to resist plugging
- Flexplate Drive
- Transmission filters are located on the side of the truck for easy service

DRIVE AXLE

- Axle Tech heavy-duty extended width for improved stability
- Outboard planetary drive axle
- Proven force cooled wet disc brakes
- Spring on, hydraulic 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
- 10 Bar disc type rims for easy mounting and dismounting
- 18.00 x 33 - 40 Ply tires

STEER AXLE

- Heavy duty industrial design with single steer cylinder
- Simple proven design utilizes a solid link to connect the cylinder to the spindles
- Steer links with large hardened pins and steel bearings
- Sealed tapered roller bearings throughout
- Greaseable heavy trunnion mounts with replaceable bearings



TS-1068

OPERATOR STATION

- Shock mounted, powered moving cab with single door
- Cab standard with dome light, tinted glass, 2 fans, front and rear windshield wipers and top wiper, 40,000 BTU air conditioner with pressurizer, and three heaters totaling 60,000 BTU
- Excellent visibility, forward and rear, meeting visibility standards
- Joystick operated remote controls for smooth precise control
- Easy on/off access to operator station
- Anti-slip steps and handrails for 3-point mounting and dismounting (meets new proposed ANSI B56.1 standard)
- Durable premium vinyl, adjustable, air ride suspension seat with arm rests reduces vibration
- Anti-cinch operator restraint allows movement for operator comfort
- Tilt steering wheel for operator comfort
- Hinge down instrument panel
- Fingertip full hydrostatic steering
- Convex, wide-angle rearview mirrors
- Left pedal combines both brake and declutch controls
- All reset circuit breakers instead of fuses
- Key switch actuated amber strobe lights
- Forward and reverse motion alarms standard
- Air Horn
- Rear Visibility Aid Camera System
- Load Moment Indicator System
- Selectable Vertical Lift System
- All models certified to meet ANSI B56.1

TAYLOR INTEGRATED CONTROL SYSTEM

- All integrated controls using solid-state controllers
- J1939 CAN bus technology allowing controllers and sensors to communicate with minimal wiring between components; all machine data accessible through main color display in cab showing engine data, warnings, spreader status lights, man/machine interface data; troubleshooting data access such as sensor status, controller outputs; Machine functions tuned through main cab display; Password protected tuning functions
- I/O modules eliminate electromechanical relay devices and add reliability to machine control system



TAYLOR *More FACTS AND FEATURES*

TS Series TAYLOR STACKER

TS-1068

CHASSIS AND HYDRAULICS

- 275-in. short wheelbase allows close maneuvering
- All welded steel chassis
- Large 210-gallon capacity, heavy gauge steel wall fuel tank with lockable cap and integral strainer, minimizing tank fill-ups
- Extra Large 170-gallon capacity hydraulic tank, heavy steel wall; Promotes system cooling and has full flow in tank return filtration filter elements are replaceable with easy access by bolts
- Tanks are bolt-on for easy removal and cleaning
- Variable displacement pumps are converter driven
- Single acting lift cylinders
- Stabilizers are standard
- Hydraulic oil and wet disc brakes are cooled by an air-to-oil cooler separate from the transmission cooler
- Hydraulics utilize ORS and SAE split flange fittings
- All daily checks can be made from the truck running board and unit decks
- Greaseable battery box door hinges
- Twelve work lights, four front, two rear, two at twistlocks, four front boom mounted lights standard
- Step and compartment lights standard
- Large lift cylinders with adjustable ends; self-aligning spherical bearings, greaseable; excellent metering at high lift heights
- Double ported lift and extension sections with valves bolted directly to the lift and extension cylinders to hold load in the event of a hose failure

ATTACHMENT

- Handles all types of containers; ISO/Side Pin/Wide Twistlocks Position
- 4-Point top pick loaded container attachment
- 100,000-lbs capacity
- Common side wear pads are adjustable
- Handles 8' to 8'6" wide (8' to 9'6" in height and 20' to 53' long)
- ± 31.5-inch side shift
- Twist lock work lights
- Attachment mounted twist lock signal lights
- Electrical safety sensors prevent twistlocks from being locked/unlocked when not "seated"
- Electrical safety sensors prevent attachment extension or retraction when twistlocks are locked or seated
- Rotation 95 degrees CCW and 185 degrees CW
- Two motors and two brakes for rotation actuation
- ± 3 degree Non-powered pile slope standard
- ± 3 degree Hydraulic Pile Slope optional
- Open service access to all components of attachment, wear pads, cylinders, hydraulics, and electrical

SUPPORT DATA

Best support data available in the industry which includes:

- Operator's Guide • Maintenance / Service Manual on CD ROM • Parts Manual printed and on CD ROM • Safety Booklet • Safety Video • Structural Inspection Reporting and Repair Manual (TMW-083) • Operator Training Exam/Answer Sheet • Other OEM notifications and/or warranties

BOOM

- Telescopic designed, constructed with high strength steel
- Single double-acting hydraulic cylinders provides precise boom movements for boom extension/retraction
- Common wear pads are adjustable
- Counterbalances hold load
- Boom lowering rate is determined by controls in lift/lower manifold and main valve spool position
- Emergency manual lowering valve system

CAPACITIES

- Container stacking 9'6" high; stabilizers up
 - 1st row, 4 high — 100,000 lbs. at 76-inch center of gravity
 - 1st row, 5 high — 75,000 lbs. at 76-inch center of gravity
 - 2nd row, 3 high — 85,000 lbs. at 152-inch center of gravity
 - 2nd row, 4 high — 68,000 lbs. at 152-inch center of gravity
 - 3rd row, 3 high — 45,000 lbs. at 252-inch center of gravity
- Container stacking 9'6" high; stabilizers down
 - 1st row, 4 high — 100,000 lbs. at 76-inch center of gravity
 - 1st row, 5 high — 75,000 lbs. at 76-inch center of gravity
 - 2nd row, 3 high — 93,000 lbs. at 152-inch center of gravity
 - 2nd row, 4 high — 72,000 lbs. at 152-inch center of gravity
 - 3rd row, 3 high — 60,000 lbs. at 252-inch center of gravity
- Container stacking over 8'6" wide chassis to railcar; stabilizers up
 - At 204-inch center of gravity — 62,000 lbs.
- Container stacking over 8'6" wide chassis to railcar; stabilizers down
 - At 204-inch center of gravity — 78,000 lbs.

WARRANTY

- 12 month or 2,000 hours
- Optional warranties are available

PARTS AND SERVICE

- Complete parts and service available in the US
- Technically trained service personnel at dealer locations
- Support data supplied free with unit at delivery



Taylor Machine Works, Inc. • 650 North Church Avenue • Louisville, MS 39339
Phone (662) 773-3421 • Fax (662) 773-9146

taylorbigred.com

TMW-BR-3001-01 (10/06)