



## Empty Container Handlers

- TEC-150H Rated Capacity 15,000-lbs. for 4-High Stacking (144-in wheelbase)
- TEC-155H and TECSP-155H Rated Capacity 15,000-lbs. for 5-High Stacking (144-in wheelbase)
- TECSP-156H Rated Capacity 15,000-lbs. for 5 and 6-High Stacking (144-in wheelbase)

# Taylor Empty Container Handler Series

TEC-150H/ TEC-155H/ TECSP-155H/TECSP-156H

- Tier compliant electronic, turbocharged engine
- Three speed fully reversing, modulated, powershift transmission with inching and electric shift control
- Rugged high-strength, all welded chassis and frames
- Ergonomically designed shock-mounted operator stations
- Fingertip full hydrostatic steering
- Large 65-gallon capacity steel wall fuel and hydraulic tank
- Cooling system with wide fin spacing to reduce dirt build-up and provide optimum engine cooling
- Meets new proposed ANSI B56.1 standard
- All daily checks can be made from running board



TEC-155H

## Engines

Tier compliant Cummins electronic turbocharged diesel, 6-cylinder engine. Peak HP 165. Includes engine and transmission protection with a 65-gallon fuel tank capacity. Electronic diagnostics on engine with fault code history for fast problem location. Built in shut down system standard. High capacity cooling system for dependable operation in all environments.

Can be serviced from running board.



Drive axle



Steer axle

## Steer Axle

Single hydraulic cylinder design with heavy-duty links directly from the cylinder ram to the sealed, tapered roller bearing mounted spindles. Greaseable heavy trunnion mounts with replaceable bearings. Through bolt cylinder mounting.

## Drive Axle

The high stability, wide stance outboard planetary drive axle utilizes a hypoid ring gear and pinion. Proven, simple S-cam service brakes easily serviceable without axle disassembly. 10-bar disc type rims for easy mounting and dismounting.

## Hydraulic System

Large 65-gallon 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. Controls valves are separate, stacked, spool-type. The tilt-lock valve prevents mast drift and reduces torsional stress. Self-aligning, bearing mounted, lift cylinders have chrome rods and self-adjusting packing.



## Transmission

Heavy-duty 3-speed full directional modulating powershift transmission has air inching for precise vehicle position control. Heavy-duty spin-on oil filter is easily accessible. Separate air to oil transmission cooler. Transmission cooler has wide fin spacing to resist plugging. Remote mounted filter to reduce oil spills.



Tier Compliant Cummins Engine



Remote mounted transmission cooler

## Electrical System

The 1-piece instrument panel is prewired with color coded wiring to accommodate heavy-duty accessories with flip down service access. Gauges include fuel level, ammeter, hour meter, air pressure, engine oil pressure, engine coolant temperature, transmission oil pressure, and transmission oil temperature. 12-volt electrical system, 175 amp-hour battery and 130-amp alternator. Six work lights standard.

## Brake System

The single pedal, air, service brakes combine transmission inching with brake actuation. The parking brake control is mounted on the instrument panel. The internal expanding shoe-type parking brake is mounted on the transmission output shaft. Transmission mounted spring-on, air-off parking brake with brake saver system does not allow operator to drive through parking brakes.

## Operator Station

Ergonomically designed to provide maximum comfort and ease of control for the operator. Rear, center mount, elevated operator station is shock mounted with excellent visibility through mast, forward and rear, meeting proposed visibility standards. Easy on/off access to operator station with anti-slip steps and handrails for 3-point mounting and dismounting meets proposed ANSI B56.1 standard. Durable premium vinyl mechanical suspension seat with arm rests and anti-cinch operator restraints allows movement for operator comfort. Fingertip full hydrostatic steering. Tilt steering wheel. Convex, wide angle rear view mirrors. Optional full two door cab.



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



Tilt steering



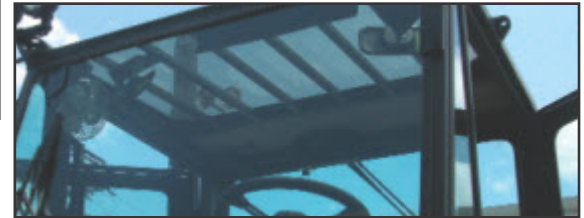
Hinge down instrument panel



Conveniently mounted gauges and systems warning lights and controls



Individual fingertip hydraulic and electronic controls for smooth precise control

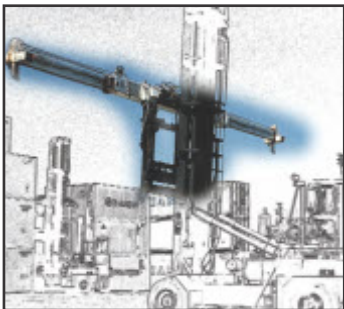


Excellent visibility forward and rear meeting proposed visibility standards

## Attachment

TEC-150H stacks 4 high 9'6" containers; TEC-155H stacks 5 high 9'6" containers. Empty container attachment with two ISO twistlocks. The unique design of the TEC-150H and TEC-155H has vertical adjustment that compensates for different container height and excessive longitudinal slope angles.  $\pm 24"$  side shift  
Capacity 15,000-lbs. Handles ISO containers 8' and 8'6" wide, 8' to 9'6" high and 20' to 53' long.

TECSP-155H stacks 5 high 9'6" containers; TECSP-156H stacks 5 high 9'6" containers and 6 high 8'6" containers. Empty side post container attachment with two ISO rear twistlocks.  $\pm 20"$  side shift. Twistlock work lights and signal lights.



TEC attachment



TECSP side post attachment



## Mast / Carriage

30-ft lift on TEC-150H, 40-ft. lift on TEC-155H, 42-ft. lift on TECSP-155H, 45-ft lift on TECSP-156H. Standard ULTRA-VU 2-stage mast with excellent visibility. Common greaseable, shielded main rollers with dual tapered type bearings. Common greaseable sealed side rollers are adjustable. Mast pivot housing is 2-piece bolt-on for easy, safe service removal. Dual flow fuses prevent load from falling in event of hose failure. Emergency manual lowering valve system.



TEC-155H



TECSP-156H

**Note: Components are subject to change without notice.**



# 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!

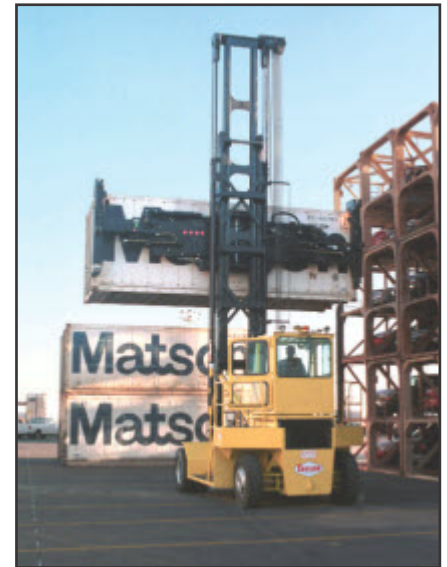
Warranty - 12 month or 2,000 hours parts and labor. Optional warranties are available.



TEC-150H



TECSP-155H



TECSP-156H

## Standard Equipment List

Tier Compliant Electronic Turbocharged Diesel Engine • 65 Gallon Capacity Heavy Gauge Steel Fuel Tank w/Lockable Fuel Cap and Strainer • Dry-type Air Cleaner w/Safety Element, Restriction Indicator • 12-Volt Electrical System w/130 Amp Alternator • Reset Circuit Breakers • Key-type Anti-restart Ignition System • Tilt Steering • 175 Amp-Hour Battery • Electric Horn • Keyswitch-actuated Amber Strobe Light • Reverse-actuated Backup Alarm • Forward Alarm • Rear View Mirrors • Powershift Transmission - 3 speed w/Inching, Modulated, w/Electric Shift Control • Single Hydraulic Cylinder Designed Steer Axle • Wide Stance Outboard Planetary Drive Axle with Hypoid Ring Gear and Pinion • Transmission Mounted, Spring On, Air Off Parking Brake w/ Brake Saver System • Fingertip Full Hydrostatic Steer-On-Demand Steering System • Individual Fingertip Hydraulic and Electronic Controls • Rear Center Mount, Elevated Operator Station Shock Mounted w/Skyview Window • Vinyl Covered Mechanical Suspension Seat w/Arm Rest and Anti-cinch Operator Restraint • Large 65-gallon capacity Hydraulic Tank • Spin-on Tank Breather with Dual Wire Mesh Strainers and Full Flow 10-Micron Return Filter • 30-ft ULTRA-VU Mast on TEC-150H • 40-ft ULTRA-VU Mast on TEC-155H • 42-ft ULTRA-VU Mast on TECSP-155H • 45-ft ULTRA-VU Mast TECSP-156H • Mast and Carriage Main Rollers w/ Shielded, Tapered Roller Bearings and Chain Rollers w/ Shielded Ball Bearings • TEC-150H and TEC-155H Empty Container Attachment with Two ISO Rear Twistlocks • ±24" Side Shift • 12.00 x 20-18 ply tires • TECSP-155H and TECSP-156H Empty Side Post Container Attachment with Two ISO Rear Twistlocks • ±20" Side Shift • Twistlock Work Lights and Signal Lights • Support Data Supplied Upon Delivery



**TAYLOR MACHINE WORKS, INC.**

**650 North Church Avenue**

**Louisville, Mississippi 39339-2017**

**(662) 773-3421 / Fax (662) 773-9146**

**[www.taylorbigred.com](http://www.taylorbigred.com)**