



TXB SERIES

**PRODUCT LINE  
WHEELBASE & CAPACITIES**

TXB-180S (18,000-lb. Cap. at 24" L.C., 110" WB)  
TXB-200S (20,000-lb. Cap. at 24" L.C., 110" WB)  
TXB-250M (25,000-lb. Cap. at 24" L.C., 121" WB)  
TXB-300L (30,000-lb. Cap. at 24" L.C., 140" WB)

††Truck is shown with available options.  
Many options are available on all TXB models.

With a complete fabrication shop and warehouse serving as the master distribution center for genuine **TAYLOR**® parts, the Operations and Distribution Center of Sudden Service, Inc.® is located at 103 Industrial Park Road in Philadelphia, Mississippi.

The master parts depot ships genuine **TAYLOR**® parts nationwide and is a key component in the Sudden Service, Inc.® dealer network.

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

**Taylor Machine Works, Inc.**

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**Disclaimer**

Because of our ongoing commitment to product quality and innovation, we reserve the right, at any time, to discontinue or change specifications, prices, designs, features, models or equipment without incurring obligation.

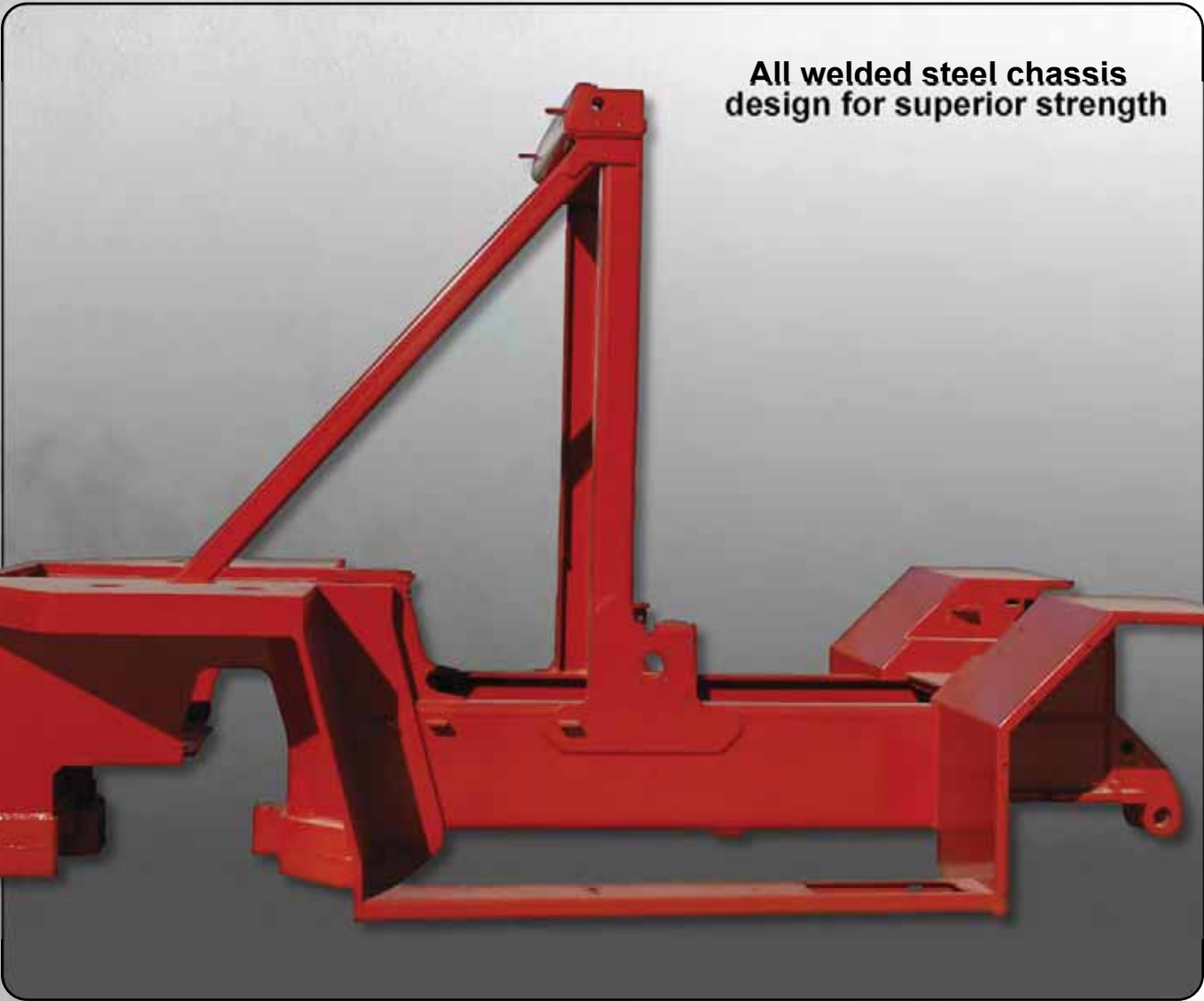
TMW-BR-202 1/12/10



**TXB-250M**



# TXB Chassis



**All welded steel chassis**  
design for superior strength



**Overhead tilt cylinders**  
Adjustable rod ends  
Greaseable self-aligning spherical bearings  
Better mast stabilization

**Two-stage telescopic mast**  
Nested channels  
Lift cylinders behind rails



Shown with Optional Front End



Lift chains are hidden inside mast rails

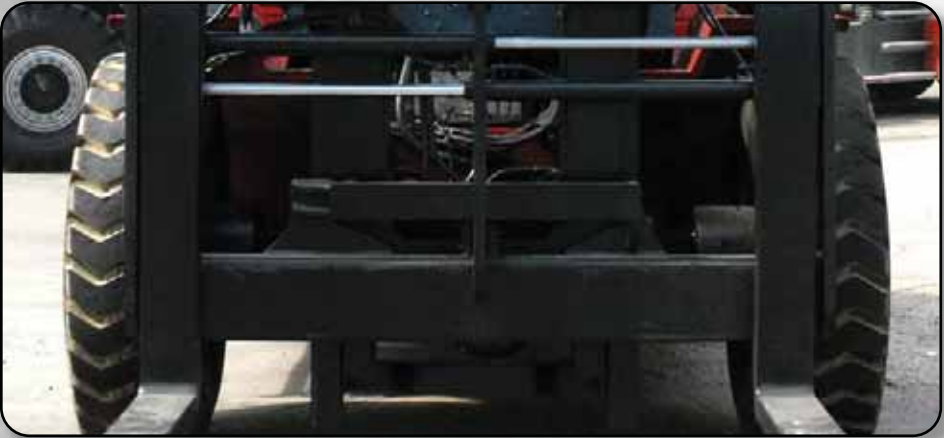
**Same diameter tilt cylinders as in T-Series** but with change in stroke and design



15° - forward



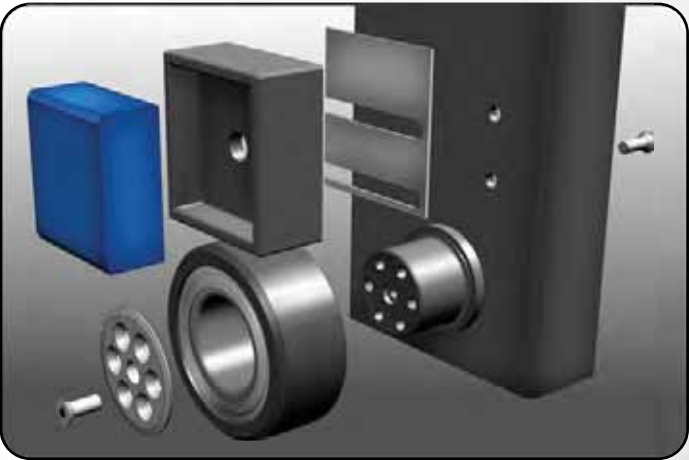
12° - backward



**Width Over Tires**  
99-in. – TXB-180S – TXB-200S  
109.5-in. – TXB-250M  
110.5-in. – TXB-300L



**Frame Channels**  
For clean and protected routing  
of wiring and hoses



Timken tapered roller bearings and  
cast nylon side thrust pads



# TXB Mast & Carriage

## ULTRA-VU Heavy-Duty Mast Standard 11 ft.

Optional masts are available upon request



**2 Different Carriage Groups**  
TXB-180S – TXB-300L 84-in. and 100-in.

### Simple design:

Cast nylon slide blocks, bolt-on housing and shims (if necessary).

Forks are pin mounted and fully adjustable.

Forks are forged from heat treated steel and have square tips and tapered bottoms.

**Minimal maintenance, more resistant to dynamic/shock loads with rough terrain, high lift, and/or offset loads**



Counterweight sections are sloped to provide increased visibility for the operator



A-frame is taller to accommodate the taller cab for operator comfort



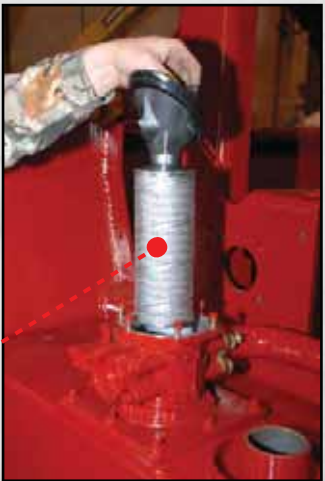
Tilt hoses are hidden inside A-frame channel



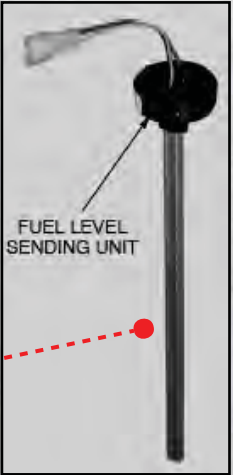
**Bolt-on tanks on all TX, TXH and TXB Series trucks.**



**Hydraulic tank –**  
heavy gauge steel wall  
serviceable filter element  
remote mounted breather  
internal suction screen  
55-gallon capacity TXB-180S – TXB-300L  
**Full flow, in-tank, 10-Micron return filtration**

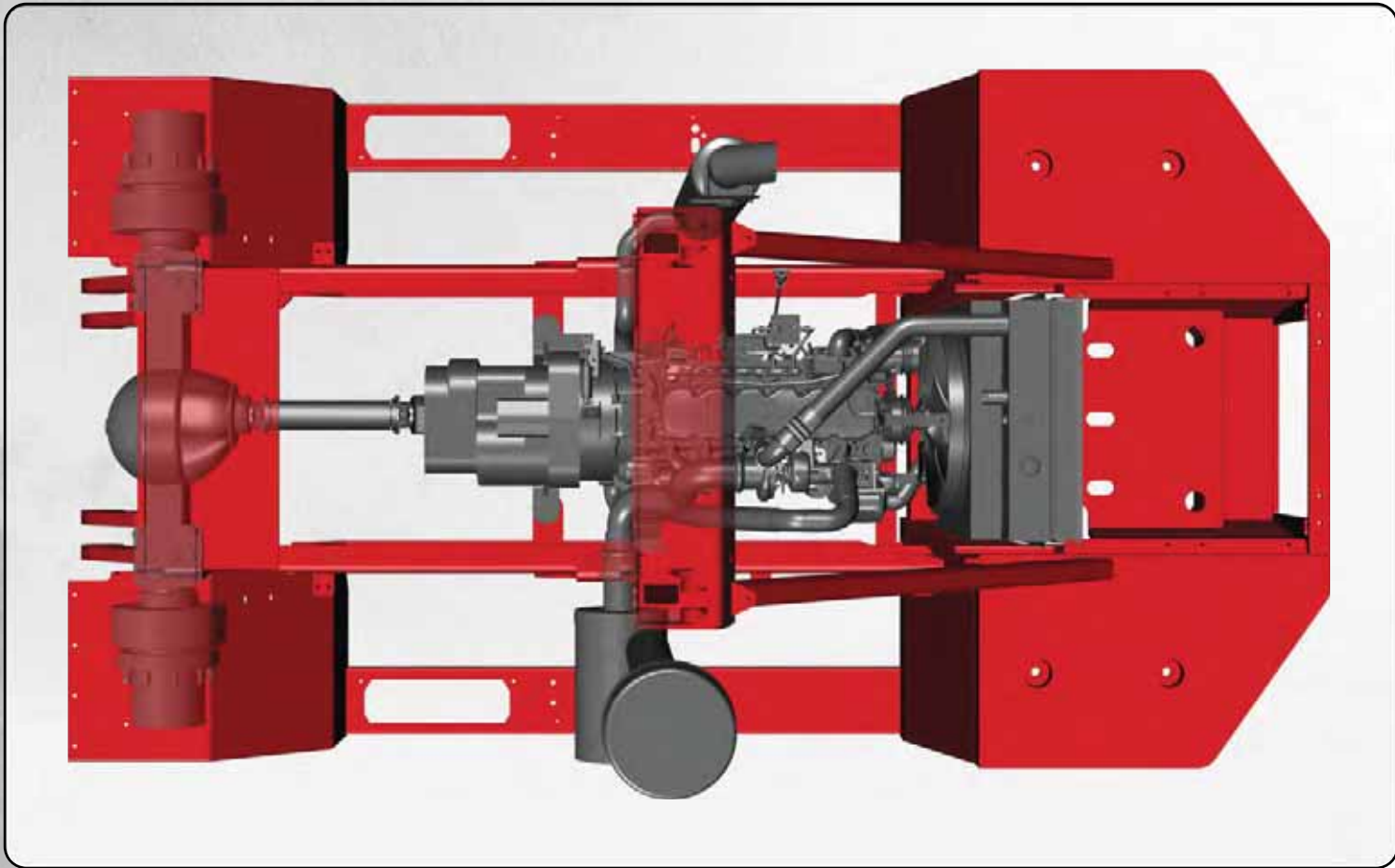


**Fuel tank –**  
heavy gauge steel wall  
(Green) lockable cap  
integral strainer  
59-gallon capacity TXB-180S – TXB-300L  
**New fuel sensor with no moving parts**





# TXB Drivetrain



**Transmission output shaft, disc mounted, parking brake**  
Spring on – Hydraulic off  
Instrument panel mounted control

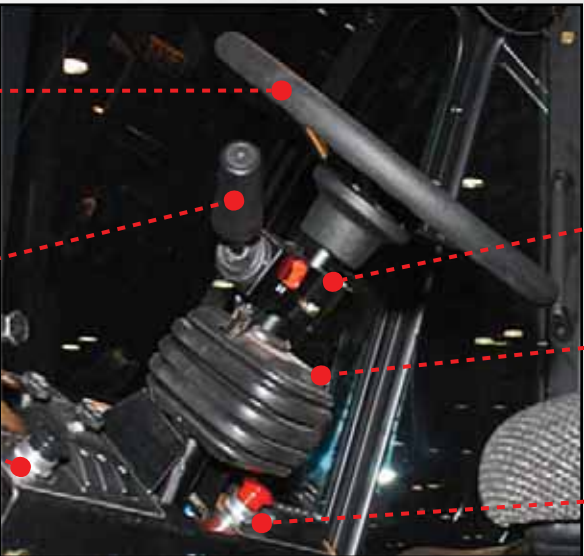


**Heavy-duty bolted planetary drive axle**  
3 planetary pin, force-cooled wet disc brakes  
Hydraulic activated, brake saver system does not allow operator to drive through parking brakes  
Din type rim mounting  
Internal, force-cooled hydraulic actuated service brakes  
Wet disc brake oil and hydraulic oil are cooled by hydraulic cooler

**Fingertip, full hydrostatic steering**

**Sealed column-mounted electric roll shift**

**Parking brake control**



**Neutral lock**

**Fingertip, tilt steering**

**Emergency kill switch**



Reset circuit breakers - instead of fuses



Serial Port



Hinge down instrument panel

## TICS Taylor Integrated Control System Using J1939 CANbus Technology



**Electronic diagnostics with fault code history for fast problem identification.**

**Electronic diagnostics with built-in shutdown system for engine and transmission.**



**Premium vinyl or cloth adjustable air suspension seat with arm rests, orange seat belt, and OPS**  
(operator presence switches)  
(Rotation 15°- left - 20°- right)



**Two brake pedals**  
left – brakes and inching  
right – brakes only



# TXB Operator Station

All models meet ANSI B56.1 FOPS operator protection



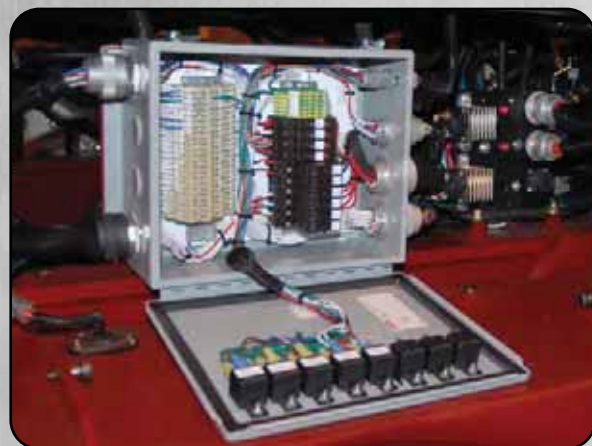
Excellent visibility through mast, forward and rear, meeting proposed visibility standards

## One of the most spacious all steel cabs in the industry as well as great features

- Two doors with sliding glass
- Remote mounted under cab hourmeter
- One circulation fan
- Easily replaceable glass
- Front and rear windshield wipers
- Front windshield washer
- Door hold-back latches with trip handles
- Panoramic rearview mirrors inside and outside
- 40,000 BTU heater
- Electric horn rated at 118 Db
- Dome light
- Tinted glass
- Sound insulation
- Floor mats



Key-switch actuated amber strobe light



- Easy, under cab, access to the junction box and to reset circuit breakers
- All reset circuit breakers throughout the truck instead of fuses
- Sealed electrical connectors
- All wiring is color coded and number coded



Adjustable fingertip electric joystick controls for smooth precise handling

Joystick components can be serviced separately

## ENGINE

- Tier Certified Cummins electronic, low emissions (see specification sheet for engine detail)
- Lower fan speed and engine speed for less noise
- Electronic diagnostics on engine with fault code history for easy diagnostics and repair
- Built-in emergency shutdown system for engine and transmission
- All service and daily checks can be made easily from the running boards
- High capacity charge air, engine coolant and transmission cooling system
- Easily serviceable 3-section cooling system

## TRANSMISSION

- Heavy-duty 3-speed Powershift transmission
- High capacity 12-plate clutch system for added durability
- Operator controlled hydraulic inching for precise vehicle position control
- Automatic Powershift Control (APC)
- Full directional modulation for soft directional changes
- Rated at 215 HP plus for heavy industrial applications
- Transmission oil cooler is part of the 3-section cooling system
- Cooler has wide fin spacing to resist plugging
- Remote mounted filter to reduce oil spills
- 15% more tractive effort than T-Series
- Flexplate drive
- Full width transmission mount goes from rail to rail in chassis for a more stable drivetrain

## Fan-

High performance, 7-blade, pusher fan blows dust and debris away from operator.

## Shroud-

Engine mounted, sealed fan shroud insures maximum air flow through coolers.

## Alternator-

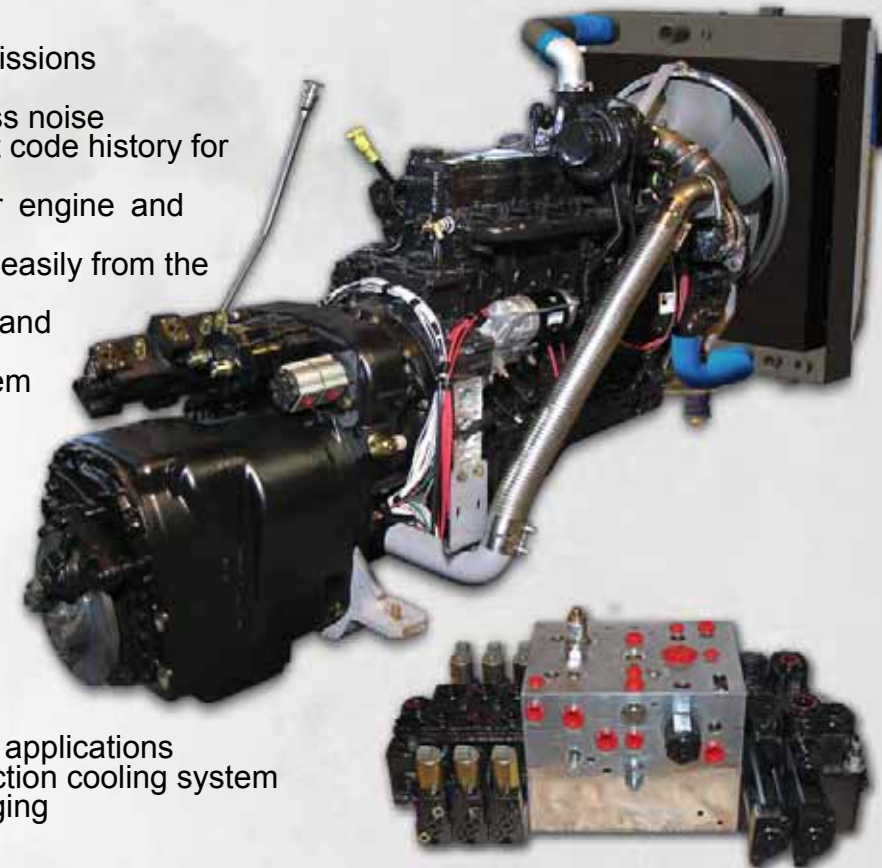
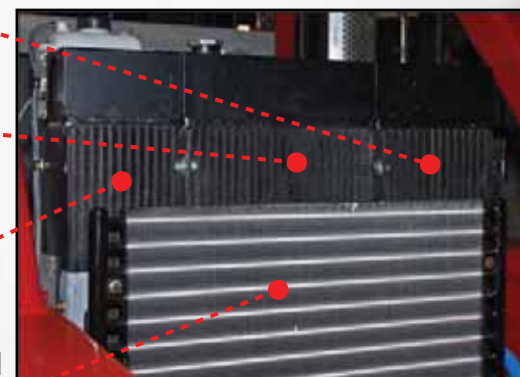
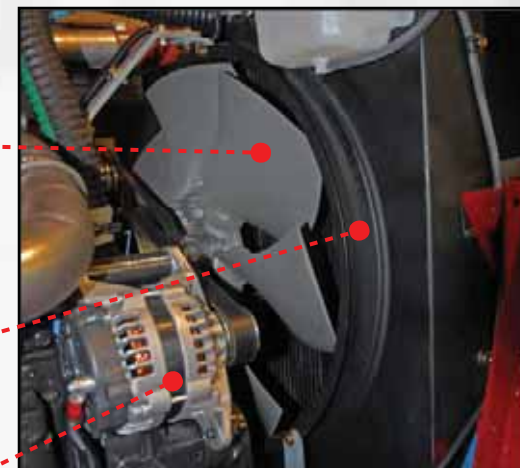
12 volt with 130 amp electrical system

## Charge air cooler

## Engine fluid cooler

## Transmission oil cooler

## Wet disc brake oil and hydraulic oil cooler



**Main Hydraulic Valve**  
New design allows for simple operation and ease of repair due to fewer valves and hoses. Equipped with manual overrides.



Fuel/Water Separator



Transmission Filter



Fuel Filter



Features an outboard mounted, heat shielded, muffler with vertical stack for improved visibility and noise control.



# TXB Overview

**ULTRA-VU Mast with excellent visibility**  
Lift chains are hidden in the mast rails on the TXB-180S through TXB-300L  
Common greaseable, shielded main rollers  
Common cast nylon side thrust pads  
Pressure compensated lowering control  
Emergency manual lowering valve system

**Front mounted mast work lights**  
for improved safety and visibility

**Forward activated alarm**

**Tinted glass throughout cab**

**Heavy-duty carriage**  
Common greaseable, shielded main rollers  
Common cast nylon side thrust pads

**Pin mounted full width adjustable forks**  
(48" forks on TXB-180S through TXB-300L)

**Easily removable side panels**  
for better access to internals

**Heavy-duty bolted planetary drive axle**  
3 planetary pin, force-cooled wet disc brakes  
Brake saver system does not allow operator to drive through parking brakes

**Large, heavy-duty, all-terrain tires for great traction**

**Overhead tilt cylinders**  
Less rail twisting than low mount tilt cylinder designs  
Greater mast stability

**Overhead rear work lights**  
for improved safety and visibility

**Extra large, shock absorbing and center mounted cab**  
for operator comfort and noise reduction

**Sliding engine hood**  
Easily removable for greater access  
(All service and daily checks can be made easily from running boards)

**Sloped counterweights**  
for improved rear visibility

**Reverse activated alarm**

**Hinged, removable engine side panels**

**Improved, heavy-duty, industrial steer axle**  
Simple, proven, durable design  
single steer cylinder with sealed tapered roller bearings throughout and dual steer links with large hardened pins and steel bearings  
large outer bearings and spindle bearings

**Dual element air cleaner**  
with restriction indicator

**Hinged, greaseable battery box door**

**Self cleaning, anti-slip, steps**  
**3-point mounting and dismounting**  
(meeting proposed ANSI B56.1 Standard)

