



STRONG PARTNERS. TOUGH TRUCKS.™

FORTIS™ TRUCK 4,000 – 6,000 lbs. Cushion



S40-60FT

Know your Audience

Walkaround Demo Guide

MAST AREA – WORLD CLASS DEPENDABILITY, REDUCED DOWNTIME BY 30%

MAST CHANNELS – Flush face design provides less lost load & better capacity at higher levels. High strength rolled steel & thick inside channels provides **Dependability**.

FREE LIFT CYLINDER – The diameter & height was designed for maximum visibility increasing **Productivity**, reducing damage & lowering **Cost of Operations (COO)**.

FREE LIFT CYLINDER GUARD – The welded bracket protects the high-pressure hydraulic fitting & hose. This reduces the potential for damage & leaks lowering **COO**, reducing down time & increasing **Productivity**.

LOAD ROLLERS – Canted 3° with full-face contact riding on the web & flange. Side thrust rollers are eliminated reducing maintenance & **Service**.

CARRIAGE – The open face design provides excellent visibility throughout the lift & lower range increasing **Productivity**.

CARRIAGE ROLLERS – 6-roller design reduces load deflection when using attachments. Six rollers are more **Dependable** & lower the **COO** over the life of the truck.

OPTIONAL INTEGRAL SIDESHIFTER – Provides excellent visibility for easier load placement & retrieval increasing **Productivity**. The integral design provides less lost load increasing the lifting capacity & maneuverability.

LOAD BACKREST – Bolted from front to back preventing bolt & product damage reducing **COO**.

4 HEAVY-DUTY LEAF CHAINS – Provide superb strength & **Dependability**.

J-HOOK MAST MOUNTING SYSTEM – Less wear on axle housing. Mast can be removed w/o elevating the truck requiring less **Service**.

TILT CYLINDERS – Located under the floor plate to provide the operator with an open **Ergonomic** floorboard.

NEW! OPTIONAL RETURN TO SET TILT (RTST) - Programmable set points for alignment of mast to specific angles for attachments. Default setting aligns mast to vertical, forks to horizontal. Increases efficiency & maximizes **Productivity**.

CROSS MEMBERS – Premium cast steel components provide greater strength & **Dependability**. Cast construction provides precise alignment of the channels ensuring longer reducing **Service** & **COO**.

LIFT CYLINDERS – Located behind the mast channels provides protection for added **Dependability** and maximizes visibility.

CHAIN ADJUSTMENT – **Dependable** strong cast anchor brackets are positioned for quick easy adjustments & **Service**.

HOSE TAKE UP – Assemblies are clamped & tie-wrapped, positioning the hoses away from moving components, requiring less **Service**.

DRIVE AXLE – **Dependable** 3-piece cast ductile iron housing supports weight distribution allowing the axle shaft to be full floating.

DRIVE TIRES – Standard - Smooth tread, Optional - Non-marking smooth or lug tread tires are available for various applications.

BRAKES – Hydraulically actuated, self-adjusting, and self-energizing drum brakes. Optional wet disc brakes available.

OPERATOR AREA – INDUSTRY'S BEST ERGONOMICS, 30% LESS OPERATOR FATIGUE

3 POINT ENTRY – The low 16" step, hip restraint on seat & soft touch grab handle on OHG provides a stable **Ergonomic** means for easy entry / exit.

NEW! STEER COLUMN – Infinitely adjustable (within range), allows the operator to adjust to the most **Ergonomic**, comfortable position.

NEW! STEERING WHEEL – 12-inch with Spinner Knob. Only four turns lock to lock is more **Ergonomic** & less fatiguing.

NEW! DASH DISPLAY – Manufactured by Phoenix International, subsidiary of John Deere. Combines all the display & switch functions in one unit. Diagnostics & programming through the display improves **Serviceability** & **Productivity**. Sealed unit offers total protection from debris & moisture maximizing **Dependability**.

MONOTROL® PEDAL – Provides hand free directional changes & allows the operator to be more **Productive**.

OPTIONAL LEFT HAND DIRECTIONAL CONTROL LEVER – **Ergonomically** located for easy fingertip control.

COMBINATION INCH / BRAKE PEDAL – **Ergonomic** extra wide pedal for actuation with either foot. Operator can inch with left foot & brake with right foot like a dual pedal system. Pedal effort has been reduced by 12% over the previous model.

OPTIONAL DUAL BRAKE PEDALS – Operator inches with left pedal & brakes with right pedal.

DuraTread™ FLOOR MAT – **Ergonomically** textured to provide sure footing entering & exiting the operator compartment & absorbs vibration with 20% more foot room.

SEATS – **Ergonomically** shaped & contoured for comfort with 6" fore - aft adjustment. Operator Manual mounted to seat backs.

- **Non-Suspension Vinyl** - (Not Available with TouchPoint™ Mini-levers or TouchControl™ Joystick)
- **Semi-Suspension Vinyl or Cloth** – Adjustable weight control & backrest angle
- ***Full Suspension Vinyl or Cloth** – Adjustable weight control & backrest angle
- ***Swivel Full Suspension Vinyl or Cloth** – Swivels 10.5° to the right & 5° to the left. **Ergonomically** designed for improved visibility & **Productivity** for reverse operation.

***NOTE:** Full Suspension seats are not available with Lowered Overhead Guard.

NEW! COWL MOUNTED HYDRAULIC LEVERS – Standard on Fortis & Fortis Advance trucks. Available on Fortis Advance + truck with DuraMatch™ transmission

NEW! TouchPoint™ MINI-LEVERS OR TouchControl™ JOYSTICK – Required on Fortis Advance + truck with DuraMatch Plus & Plus 2 transmissions. Optional on Fortis & Fortis Advance trucks. **Ergonomically** mounted to the seat armrest providing the best in operator comfort & **Productivity**. Adjustable for RH entry / exit.

PARKING BRAKE – **Ergonomically** designed to provide a sure grip. Braking force adjustment is made by a thumbscrew (no tools required) located beneath the hand brake.

OPERATOR WORK STATION – Located on the right side of the cowl, clipboard, paperclip & drink holder.

DATA PLATE – located on the right side of the cowl.

OVERHEAD GUARD – Bar on edge, grid style **Ergonomic** design provides excellent visibility for quick, precise load placement & retrieval. The standard **High Air Intake** is located on the left OHG leg.

OPTIONAL REAR DRIVE HANDLE WITH HORN BUTTON – Mounted to right rear OHG leg.

OPTIONAL OVERHEAD GUARD WORKLIGHTS – (Front & rear) **Dependable**, long life Halogen lights mounted inside the OHG for protection.

OPTIONAL BRAKE & BACK-UP LIGHTS – Extremely bright LED lights will last the life of the truck increasing long-term **Dependability**.

SERVICE AREA – UNMATCHED PRODUCTIVITY & SERVICABILITY

NEW! PacesetterVSM™ VEHICLE SYSTEM MANAGER – The computer “brain” manages truck operation like the computer in your car. Like the display, a Phoenix International product that enhances **Dependability**.

FLOOR PLATE – One piece for easy access saving **Service** time & reduces **COO**.

CANbus – Only one path for all wiring keeps wiring away from heat sources increasing **Dependability** & ensures consistent, high-quality assembly & reduces wiring complexity.

SEALED ELECTRICAL CONNECTORS –Rated for 2,000 psi pressure washing eliminating contamination caused by water, dust or debris maximizing **Dependability** of the whole electrical system.

HYDRAULIC VALVE – Moved out of engine compartment significantly reducing temperature of valve & other hydraulic components increasing **Dependability**.

STEERING CONTROL VALVE – Mounted directly to control valve eliminating additional hydraulic line routing reducing **Service**.

O-RING HYDRAULIC FITTINGS – Used on all high-pressure hydraulic lines to ensure hassle-free hydraulics reducing **Service**.

NEW! ISOLATED POWERTRAIN – 3 Rubber isolators used to mount engine & transmission for long-term **Dependability**. New U-joint eases **Service** access to transmission & drive axle.

NEW! TRANSMISSIONS – 4 engine-transmission configurations to choose from providing improved efficiency & superior **Dependability** - Built in Sulligent, AL, for a lift truck by a lift truck company.

Basic Electronic (1-speed) – Fortis truck only: Improved clutch packs & improved inching.

DuraMatch™ (1-speed) – Fortis Advance & Fortis Advance + trucks: Improved clutch packs, improved inching, Auto Deceleration System (ADS), controlled power reversal & controlled rollback.

DuraMatch™ Plus (1-speed) - Fortis Advance + truck only: Improved clutch packs, Auto Deceleration System (ADS), controlled power reversal, controlled rollback, auto-speed hydraulics, automatic inching & Throttle Response Management.

DuraMatch™ Plus 2 (2-speed) - Fortis Advance + truck only: Improved clutch packs, Auto Deceleration System (ADS), controlled power reversal, controlled rollback, auto-speed hydraulics, automatic inching, Throttle Response Management & extended drawbar pull.

ELECTRONIC HORN - Designed for lift truck applications, which require more frequent horn use than automobiles.

BRAKE MASTER CYLINDER – Easy access provides faster **Service**.

BRAKE RESERVOIR – Sensor indicates low level by display light.

BACKWARD TILTING HOOD - Gas assist cylinders requires less effort to open & close for daily checks. Hinge placement allows hood to open 78° for easy cowl to counterweight **Service** access. Lined with a 2" thick sound absorption material for a quiet **Ergonomic** ride.

CYCLONIC AIR FLITER - Accessed by releasing 2 spring clips. Twist-locking filter is easily guided in & out for easy **Service**.

ENGINE OPTIONS: Fortis truck - Mazda 2.0L / **Fortis Advance truck** - Mazda 2.2L / **Fortis Advance + truck** - GM 2.4L

RADIATORS – **Fortis truck** – Standard Serpentine, Optional Anti-clog Square Wave / **Fortis Advance truck** – Standard Heavy Duty Anti-clog Square Wave, Optional Combi-cooler / **Fortis Advance + truck** - Combi-cooler. Optional Screen available with all radiators.

FAN – Pusher type metal fan for **Dependability**. Located close to the radiator to reduce re-circulation of hot air.

DAILY CHECKS – Located on right side of truck. Transmission Oil Dipstick, Engine Oil Dipstick, Hydraulic Dip / Fill & Radiator Reservoir.

THE POWER DISTRIBUTION MODULE (PDM) – Fuses & Relays are located on the right side of truck in front of the battery.

COUNTERWEIGHT AREA – INDUSTRY'S BEST COOLING

LP TANK BRACKET – Standard Swing Out & Optional **EZXchange™** Swing Out Drop-Down brackets provide the operator better **Ergonomics** when changing out tanks.

STEER AXLE – **Dependable** design includes cast ductile iron, fixed length tie rods, tapered roller bearings & only 2 lubrication fittings on each side reducing **Service** & **COO**.

NEW! HYSTER STABILITY MECHINISM – **New axle bushing** allows articulation for uneven surface travel, & minimizes truck lean, enhancing lateral stability. 100% maintenance free system.

STEER TIRES – Standard - Smooth tread, Optional - Non-marking smooth or lug tread tires are available for various applications.

COUNTERWEIGHT – Large airflow tunnels provide superior cooling, enhancing engine & transmission **Dependability**.