



GENUINE MEGA

SPECIALTY HAULAGE SOLUTIONS FOR CONSTRUCTION & MINING

MFT 

MEGA FUEL BODIES



THERE'S WORK TO BE DONE 



EQUIPMENT 

700 Osuna Rd. NE

PARTS 

Albuquerque, NM 87113

SUPPORT 

www.megacorpinc.com



THERE'S WORK TO BE DONE ➤

For over 45 years, Mega has been providing specialty haulage equipment for use in construction and mining operations. Our water haulage equipment, service bodies, bottom-dump trailers, equipment transports and other products are designed and manufactured to be reliable and durable machines. The knowledge and experience that comes from delivering over 6,000 machines is built into every product we make.

Our employees take pride in their workmanship and Mega has developed a reputation for manufacturing quality products that are built to last. Our sales and product support staff are known for providing solutions and demonstrating integrity throughout the ownership experience. Our product's value is reflected in our industry-leading brand recognition and resale value – Genuine Mega products have become the standard by which others are measured.

Mega products, parts and service can be found at OEM construction and mining equipment dealers around the world. Our sales and product support departments at Mega are available to help answer your questions. For more information, please contact us @ +1 505.345.2661 or toll free in the USA at 1.800.345.8889 or on the web at www.megacorpinc.com.

There's work to be done – and, from all of us at Mega, we want to help you do it!



Jim Kunz
President Emeritus

“ WE APPRECIATE YOU AND OUR PRODUCTS SHOW IT ”



GENUINE MEGA VALUE



➤ VALUE

- The water tank is essential to the operation of production tools
- Mega water tanks provide the highest levels of dependability and longevity
- The high quality Mega water tank provides a lower cost of ownership and more profit from production tools
- Mega water tanks compliment the premier brands of prime movers
- The superior longevity of Mega water tanks provides high resale value lowering the cost of ownership



➤ DESIGN AND MATERIALS

- Mega works closely with OEM manufacturers to ensure our tanks properly fit, load, and interface with the prime mover resulting in a fully integrated machine
- Mega tanks meet or exceed applicable ISO/SAE/DOT recommended practices and requirements
- Materials and components used in the manufacture of Mega water tanks are chosen for high quality and durability rather than a low price point
- Mega water tanks feature the best interior baffling systems on the market resulting in a machine that is safe to operate with lower operating costs
- Key spray components are specifically engineered for severe duty heavy equipment service
- Mega spray system controls are designed to withstand the harsh corrosive environment of heavy construction and surface mining
- Mega water pumps are specifically designed for heavy equipment water tank service with features not found on standard off the shelf irrigation water pumps
- Mega spray heads (100% built in the USA) are the heaviest duty, most versatile, valve and spray fan nozzle on the market



➤ PRODUCT SUPPORT

- Our dealer relationships and a fully integrated machine provide seamless support and the highest level of machine availability
- Mega is the most recognized and valuable brand of tank on the market
- Over 40 years of knowledge and experience with prime mover integration
- Every Mega water tank includes a full set of Operation and Service Manuals
- www.megacorpinc.com provides useful information and complete contacts for support
- Phone, online and on-site support for dealers and end users with 24 hr/day parts and advice to ensure seamless machine support
- Unsurpassed product warranties and dealer support



MFT- MEGA FUEL TANK

MEGA TANKS AND BODIES FOR FUEL APPLICATIONS

Mega's complete line of fuel bodies for rigid and articulated trucks are designed for stable operation, proper weight distribution and long life. The tank's structural, hydraulic and electrical systems integrate with the truck chassis for trouble-free installation and operation. Every tank includes a complete set of technical manuals detailing installation, operation, maintenance, inspection and replacement parts. Mega bodies are constructed with premium materials and are inspected throughout the manufacturing process to ensure reliability.

Mega fuel tanks can be purchased for integration with a dealer-provided truck or as a complete solution with a Mega-provided truck. Purchasing your complete solution directly from Mega streamlines the ordering process and significantly reduces the complexities related to delivery timing and shipping.

AVAILABLE MEGA RIGID AND ARTICULATED FUEL TANKS

MEGA MODEL	NOMINAL CAPACITY	USABLE CAPACITY	PRIME MOVER	TRUCK SIZE CLASS
MFT25	23,000 Liters/6,000 Gallons	21,000 liters / 5,500 gallons	CAT 725	25 tons
MFT40	38,000 liters / 10,000 gallons	34,000 liters / 9,000 gallons	KOMATSU HM400	40 tons
MFT45	42,000 liters / 11,000 gallons	38,000 liters / 10,000 gallons	CAT 745	45 tons
MFT45	42,000 liters / 11,000 gallons	38,000 liters / 10,000 gallons	CAT 745 LWB	45 tons
MFT100	76,000 liters / 20,000 gallons	68,000 liters / 18,000 gallons	CAT 777	100 tons
MFT100	76,000 liters / 20,000 gallons	68,000 liters / 18,000 gallons	KOMATSU HD785	100 tons

For other tractor models and custom sizes please contact Mega or your local dealer for more information.
Sizes and models subject to change.

FEATURES AND BENEFITS



Diesel fuel tank valance incorporates the well proven Betts access covers system. Mega also provides a rollover valve to contain fuel in the event of a rollover mishap.



Onload and dispensing activities are performed from the same control cabinet.



Dispensing system provides an electro-hydraulic shut-off valve. The valve is automatically controlled by using the dispensing controls and can be closed at any time by activating the emergency E-Stop switch.



Fuel pumping logic control system provides for high flow, low flow and standby operations. The standby feature reduces fuel pressure automatically when a no-flow condition is sensed. This automatic feature decreases wear on fuel hoses and system components. Once flow is sensed again, full system pressure is regained automatically.



Fuel level indicating system provides quantity indication at the dispensing and Onload stations with options for additional gauges for the chassis cab and other stations.

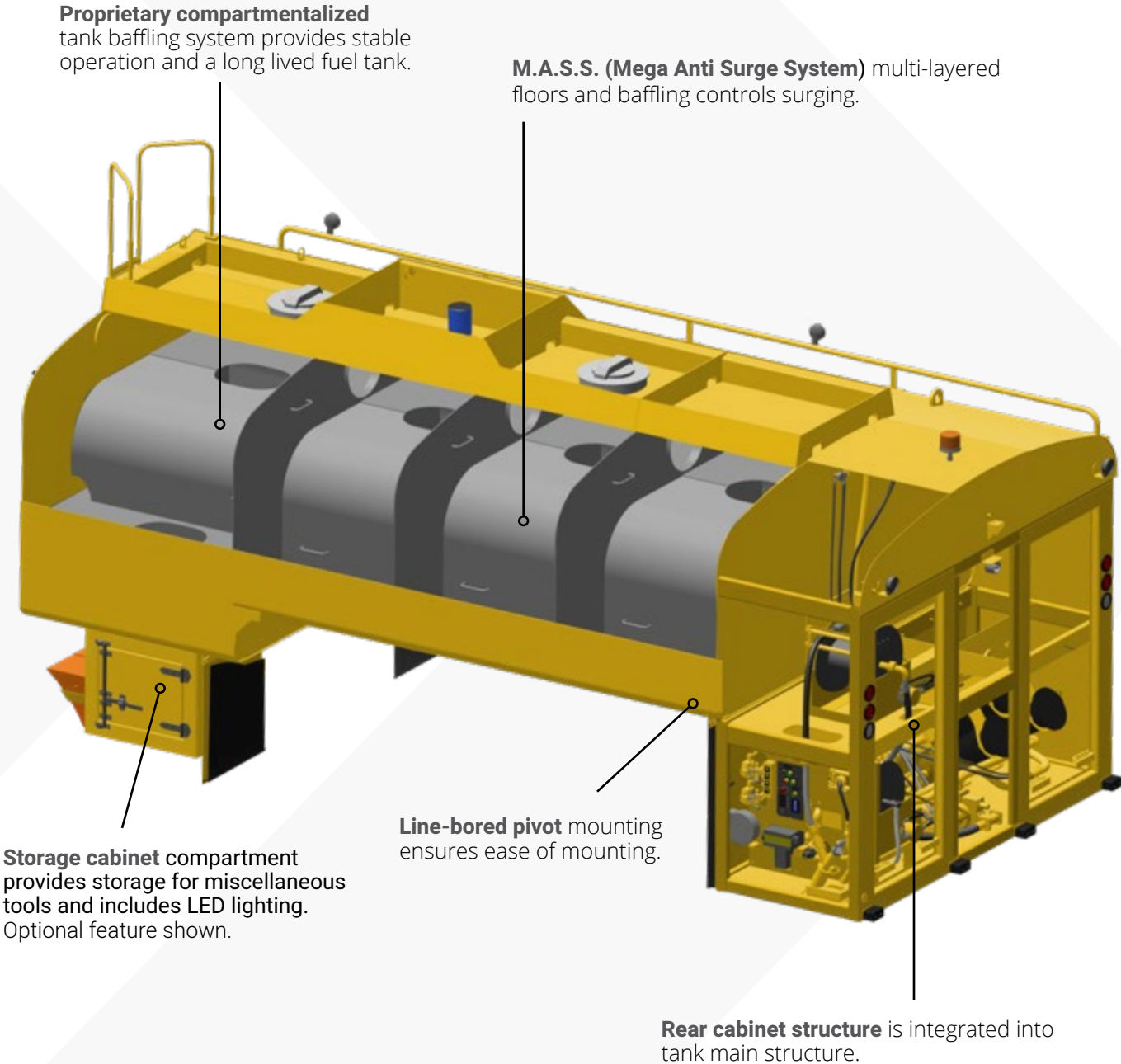


Several options are available to add additional reels and pumping stations for customized site operations. This includes suction loading stations for unpressurized loading or defueling while allowing for smaller particulate filtration.



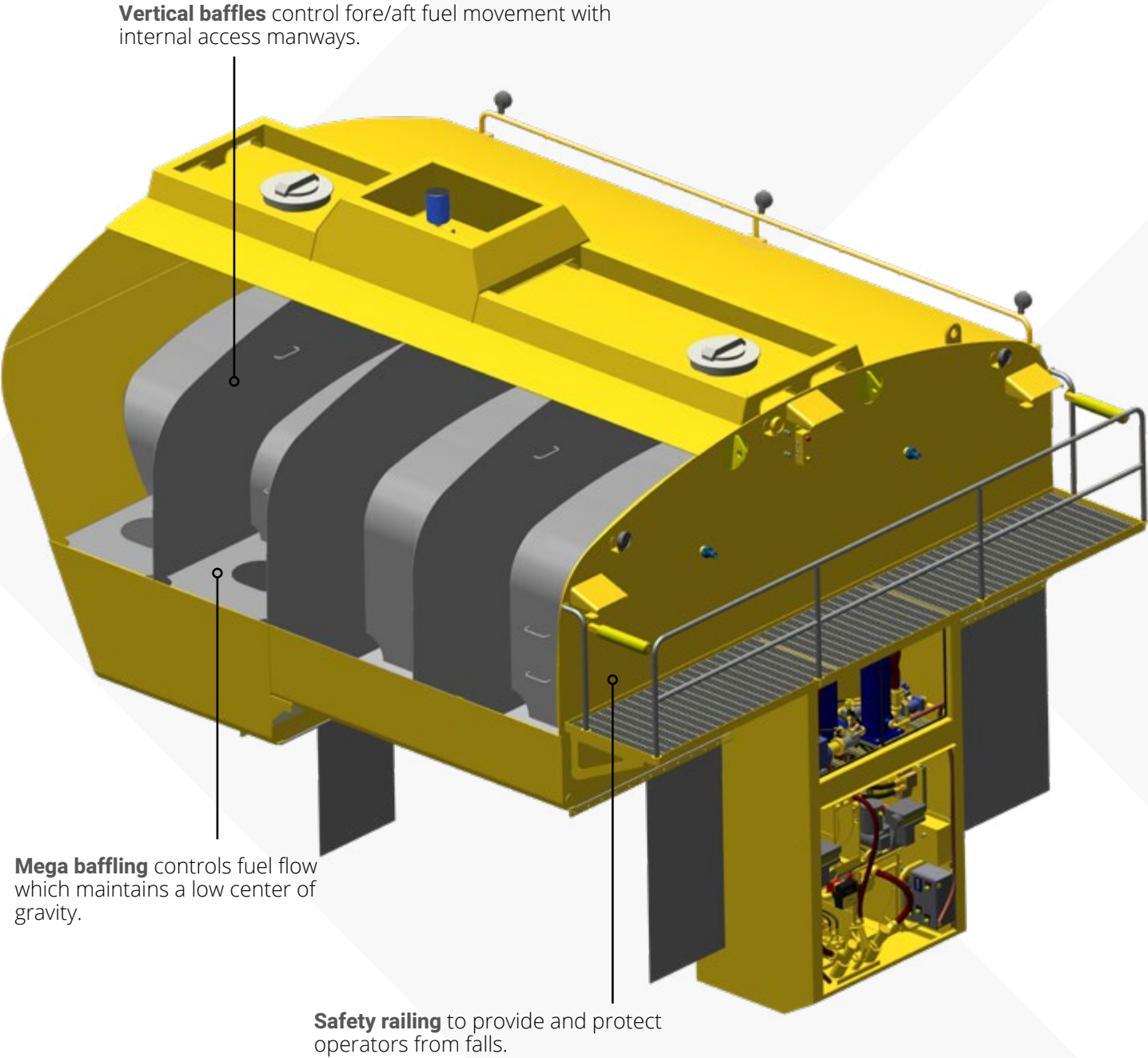
ARTICULATED FUEL FRAME TANK DESIGN

Our M.A.S.S. (Mega Anti Surge System) baffling for diesel fuel tanks provides the most stable, low profile tank on the market today. Mega tank designs focus on safety, performance, and durability to ensure load stability and standard machine handling are maintained. Mega collaborates with the truck manufacturer to match ROPS, braking, and load ratings. This increases chassis life and reduces maintenance costs.



RIGID FUEL FRAME TANK DESIGN

Mega tanks feature a proprietary baffling system that minimizes the effects of surging fuel while maximizing tank longevity. The tank mounting system utilizes line-bored rear pin mounts and flexible clamp front mounts making tank installation and removal simple. Mega tanks are designed with safety, performance, and durability in mind which ensures load stability, standard machine handling, and long chassis service life.



STANDARD FEATURES

Standard features for Mega Fuel Tanks are subject to change and availability of features may also vary. If you have any questions please contact your Mega sales representative at 505-345-2661 or toll free at 1-800-345-8889.

QUICK REFERENCE DIRECTORY

Anti-Surge Baffling System	✓
Camera Relocation Provision	✓
Direct Pin Mounting with Line-Bored Holes	✓
Exterior Paint	✓
Fall Protection	✓
Fuel Dispensing Operator Station	✓
Flexible Front Mounting	✓
Fuel Onload Station	✓
Ladder and Hand Rails with Anti-Skid Walkway	✓
LED Light Group	✓
Mud Flaps	✓
One-Year Warranty	✓
Rear Cabinet Enclosure	✓
Tank Covers and Filtered Vents	✓
Technical Manuals	✓

STANDARD FEATURES



Camera Relocation Provision

An extension cable to relocate your camera from the truck to the fuel tank.



Direct Pin Mounting With Line-Bored Holes

Mega tanks pin directly to the rear pivot mounts of the truck. Line boring the rear pivot mounts ensures accurate direct pin installation of the tank. New pivot pins and shims are supplied with the tank. Available for rigid tanks only.



Exterior Paint

Mega tanks are abrasive blasted prior to application of anti-corrosive primer. The exterior top coat is color matched to the current manufacturers color. Custom coatings and graphics are available upon request.



Fall Protection Tie-Off Points

Multiple D-ring style fall protection tie-off points welded to top of tank.



Fuel Dispensing Operator Station

The fuel dispensing operator station includes high and low volume diesel fuel dispensing reels and associated controls. Controls are provided for hose reel, fuel pump, fuel register and LED compartment lighting. The dispensing station is segregated from the inner reel cabinet by a fairlead panel to reduce contamination. The lockable hinge door with door stays provides security and easy access.

Station Features Include:

- Dispensing nozzles
- Digital fuel meter (liters or gallons)
- Fuel level indicator system
- Emergency Shut-Off



STANDARD Features



Flexible Tank Mounting

The truck chassis is allowed to flex beneath the spring type front mounting tie downs. Available for articulated tanks only.



Fuel Onload Station

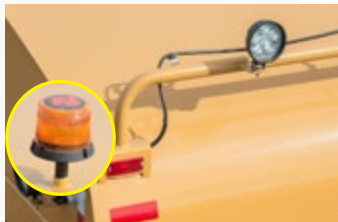
The fuel onload station includes:

- Onload pipe
- Oil filter storage cabinet
- Additional storage space



Ladder and Hand Rails With Anti-Skid Walkway

Mega tanks include an access ladder to the top of the tank. Our standard ladder features tread grip rungs for a sure-footed grip and hand rails at the top of the ladder allowing safe access to the top of the tank.



LED Light Group

Mega tanks include LED lights for long life and low maintenance:

- Backup rear stop, turn, tail lights
- Side marker lights
- Amber beacon light centered on top of rear cabinet
- Exterior 24 volt work lights



Mud Flaps

Mud flaps fore and aft of rear drive tires are standard equipment on all Mega MFT tanks.



One Year Warranty

Mega protects your investment by providing a one-year warranty against defects in materials and workmanship. Extended warranties are available for purchase. Visit our Warranty Page for more information.



Rear Cabin Enclosure

The rear cabinet enclosure provides access via a lockable hinged door with door stays to:

- Fuel dispensing filter
- Fuel pump inlet strainer
- Hydraulically driven Blackmer® fuel pump
- Low volume diesel spring rewind hose reel
- High volume hydraulic hose reel
- Backup camera relocation cabinet

Storage Cabinet

The storage compartment provides ground level access for miscellaneous tools or filter storage and includes LED compartment lighting.



Tank Covers and Filtered Vents

Our stainless steel, safety latch-style tank cover meets DOT 178.345.5 specifications. Breather filters are designed to prevent moisture and contaminants from entering the fuel tank.



Technical Manuals

Mega provides a complete set of technical manuals detailing installation, operation, maintenance, inspection and replacement parts. Additional manuals are available for purchase.



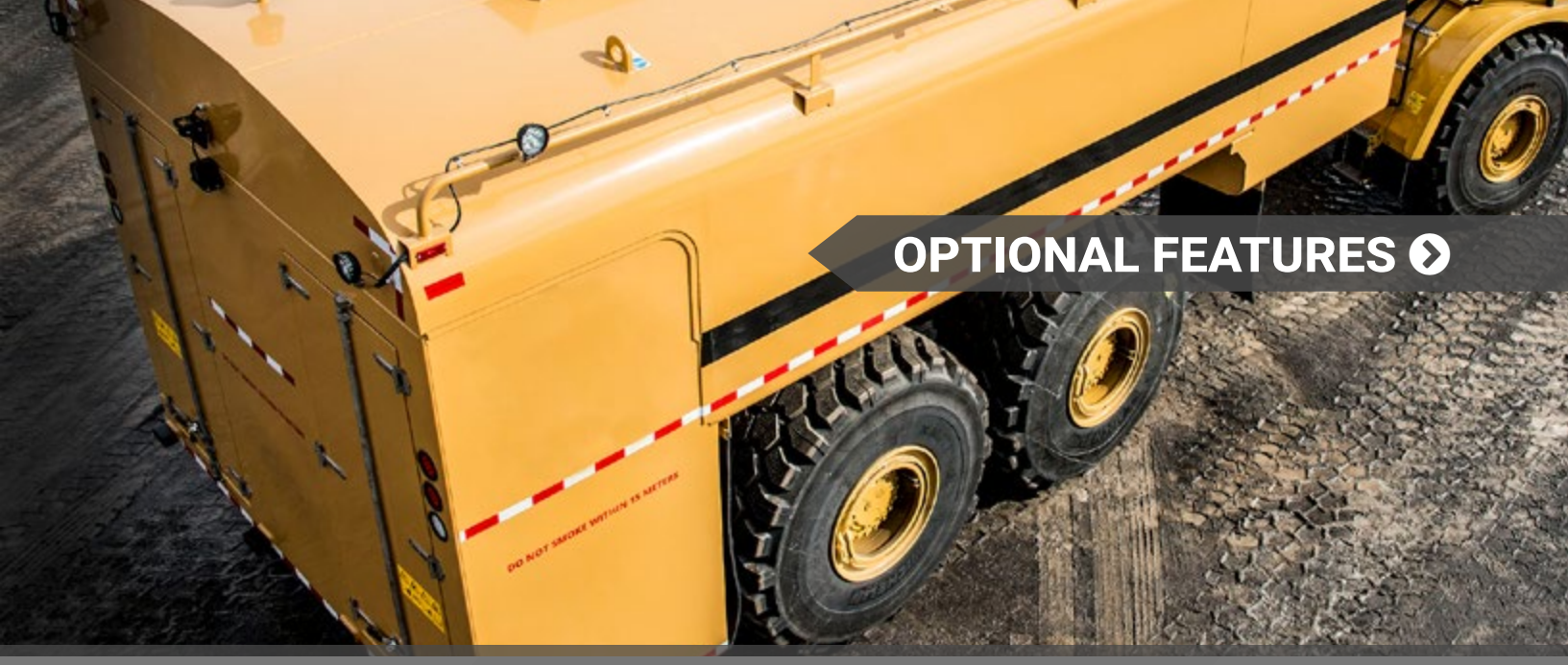
OPTIONAL FEATURES

Optional features for Mega Fuel Tanks are subject to change and availability of features may also vary. If you have any questions please contact your Mega sales representative at 505-345-2661 or toll free at 1-800-345-8889.

QUICK REFERENCE DIRECTORY

Additional In-Line Filtering System	✓
Additional Lighting Package	✓
Additional Storage Cabinet	✓
Additional Technical Manuals	✓
Dispensing Nozzle With Swivel	✓
Factory Installation	✓
Grounding/Bonding Reel	✓
In-Cab Fuel Level Gauge	✓
Low Volume Hose Reel Upgrade	✓
On-site Technical Assistance	✓
Onload Receiver Package	✓
Redundant High Volume Fuel Dispensing System	✓

OPTIONAL FEATURES ➤



Factory Installation

Mega offers complete factory installation for all articulated and smaller rigid frame truck models for both customer-supplied and Mega-supplied chassis. Factory installation includes complete commissioning prior to delivery.

Additional In-Line Filtering System

Additional in-line filter canisters and filtration can be added to the dispensing circuit to further clean fuel before it is dispensed. An additional filter will increase dispensing fuel filter life. The package includes:

- Canister
- Shut-off valve
- Pressure differential gauge
- Filter



Additional Lighting Package

The additional lighting package provides two additional LED lights on the non-operational side of the tank. Alternator upgrade may be required.





Additional Storage Cabinet

The additional storage compartment provides ground level access for miscellaneous tool or filter storage and includes LED compartment lighting.



Additional Technical Manuals

Additional sets of manuals are available for purchase. Mega manuals include a complete set of technical manuals detailing installation, operation, maintenance, inspection and replacement parts.



Dispensing Nozzle With Swivel

Mega offers additional high and low volume dispensing nozzles with swivel for diesel hydraulic hose reels. The high volume nozzle is Wiggins® compatible. The low volume nozzle uses an automotive splash fill style.



Grounding/Bonding Reel

Mega offers a spring-rewind grounding/bonding reel.



In-Cab Fuel Level Gauge

Mega offers an additional LED fuel gauge mounted on the work light console in the cab.



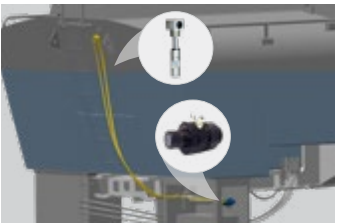
Low Volume Hose Reel Upgrades

This option replaces the standard low volume spring-rewind hose reel with a hydraulic operated hose reel.



On-site Technical Assistance

The Mega Product Support team offers on-site technical assistance, service advice and training to facilitate implementation and help reduce field assembly and component repair time.



Onload Receiver Package

Mega offers an onload receiver package for diesel fuel which includes a Wiggins® receiver and automatic shutoff feature.



Redundant High Volume Fuel Dispensing System

The redundant high volume fuel dispensing system prevents downtime if the main dispensing system fails. It also provides service flexibility. The package includes:

- Hydraulically-driven Blackmer® fuel pump
- Flow meter
- Filter
- Hydraulic hose reel with swivel and nozzle



MFT SPECIFICATIONS

Specifications are subject to change and can vary by the size or type of tank. Availability of standard and optional features vary by model. If you have any questions please contact your Mega sales representative.

CENTRAL SERVICE STATION

- Ground level access
- Service center compartment isolated from hose compartment to reduce contamination and maintain interior body heat
- Provides dispensing system for all new oils, coolant and grease
- All product servicing lines include safety ball valves (customer-supplied fittings)
- Engraved metal nameplates
- Compartment is designed with extra deep trough for quick disconnect clearance and storage
- Tank level indicator system for fuel

DEF TANK

- Removable stainless steel tank mounted on vibration suppression mounts
- Include top of tank inspection port, visual sight gauge, and desiccant breather
- Overflow bypass to waste tank

Pneumatic diaphragm pump • 13mm (.5")

LED tank level indication at the central service station

Ground level fill with automatic fill shut-off

Electro-pneumatic control for diaphragm pump

- 15m x 19mm ID (50 ft. of .75")
- 12" threaded hose whip

High volume Stainless steel DEF dispensing nozzle

DEF filter downstream of product pump that meets ISO 4406 Code 18/16/13

DIESEL FUEL TANK

- M.A.S.S Mega Anti-Surge Stability System
- Low profile for ADT long wheel base models

Emergency Stop • Operator cab
• Operators cabinet

Remote ground-fill with auto shut-off
• 2" NPTF for customer supplied receiver

Top of Tank Access • Rollover Valve
• Betts® 20" splash fill cover with vent
• Donaldson® T.R.A.P.™ breather filter

Fuel tank level indicators • Operator cab
• External mounted

Diesel system
• Dual filtration with suction strainer on pump inlet side
• Desiccant-type disposable filters on discharge side

Access ladder • Handrails
• Top of tank grip-strut deck
• PPE fall arrest tie-offs

DISPENSING OPTIONS

Dispensing nozzles • High volume diesel hydraulic hose reel

• Low volume diesel spring rewind hose reel

ENCLOSURE & HEAT OPTIONS

Insulated Body Enclosure

- Rear locking door ladder, steps and handrails included
- Removable roof with lifting points- allows removal for product tank maintenance/repair
- Interior walls and ceiling painted white
- Interior light controls

Reel Cabinet Heating System without Body Enclosure

- Mixture to new oil and grease tank(s) to maintain oil viscosity.
- Heat loops in 4 main product tanks and grease bin.
- Flow control available to adjust zone heat.
- Heated reel cabinet
- Self-contained diesel fired, closed circuit, glycol heater system.
- Self contained diesel fired, closed circuit, glycol heater system. Dedicated fuel supply from main diesel fuel tank.

Reel Cabinet Heating System with Insulated Body Enclosure

- Rear entry locking door with fold-out ladder, steps and handrails included
- Removable roof with lifting points allows removal for product tank maintenance/repair
- Interior walls and ceiling painted white
- Interior light controls
- Insulated and heated exchangers
- Flow controls to adjust zone heating
- Heated reel cabinet
- Self contained diesel fired, closed circuit, glycol heater system. Dedicated fuel supply from main diesel fuel tank.

FUEL PUMPING STATION

- Fuel Onload pipe & plug
- Fuel Onload pipe (dealer/customer supplies Onload or dispensing receptacle or nozzle unless selected below)
- Tank level indicator system

FUEL REGISTER

- 3.5" QVGA, 320 x 240 pixels, 24 bit color depth
- Tactile button for reset
- QuiC™, configuration and interface design
- TFT with LED backlight
- 108/4.25 W x 103,5/4.07 H x 42,8/1.68 D (mm/inches)
- Weight 0.20/0.45

MFT SPECIFICATIONS

LIGHTING GROUP

Exterior lighting controls in the operator's cab
Compartment lighting controls mounted in each cabinet

LED Strobe Light • 1 amber LED on top of rear reel cabinet

LED • Rear stop/tail/turn
• Backup Light
• Side marker lights

6 Exterior LED Lights • 4 left side area work lights
• 2 reel cabinet, rear facing, area work lights

NOTE: Additional lighting may require chassis alternator upgrade

ONLOAD

Includes shut-off valve, typically Wiggins® compatible

ONE YEAR WARRANTY

- Mega provides 12 month/unlimited hour warranty against defects in material and workmanship.
- Mega product support should be contacted prior to troubleshooting or warranty-related work.

REAR REEL COMPARTMENT

Dispensing nozzles isolated by a fairlead panel from main hose reel and fueling components to control dust and contaminants.

- Barn Style heavy duty lockable access doors with mechanical stays and heavy duty latches

- Fuel pump, fuel filters, and hose reels accessible via rear compartment doors

Hydraulic driven Blackmer® TXD2.5A high-volume pump capable of up to 120 GPM at the pump outlet.

Fuel pump inlet strainer, external relief bypass valve and controls.

High volume diesel hose on hydraulic rewind reel • 15m x 38mm ID (50' x 1-1/2")
• "Wiggins" type nozzle and swivel

SYSTEM ENCLOSURE

- Provides ground level access for operator at rear of unit
- Service cabinet with lockable hinged doors & door stays
- Backup camera relocation bracket
- Fuel pump, fuel filters, & hose reels accessible via compartment doors
- Emergency "E-stop" shut-off switch (removes power from all body systems)
- LED compartment lighting

Fuel On Load

Fuel Onload pipe & plug

Tank level indicator system

Fuel Dispensing

- Tank level indicator system
- Dispensing nozzles isolated from service cabinet by bulkhead w/roller fairlead panel to reduce dust
- High volume diesel hydraulic hose reel • 15m x 50mm ID (50' x 2")*
- Low volume diesel hose • 10m x 25mm ID (50' x 1")*
• Automotive type nozzle and swivel

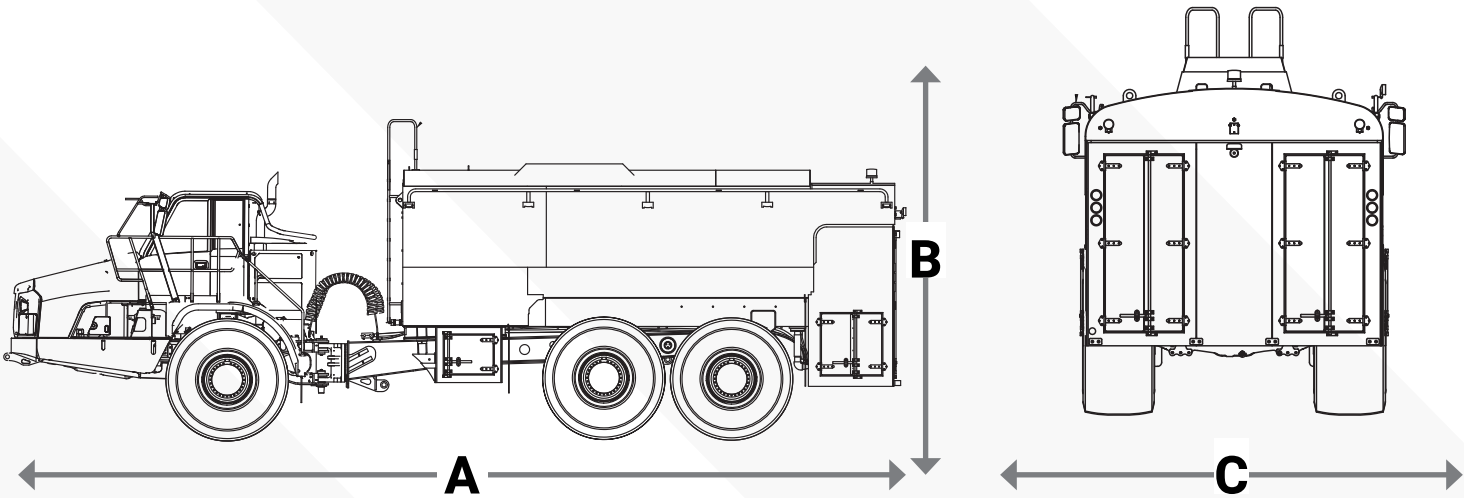
*Nozzle not included

- Hydraulic driven Blackmer® TXD2.5A pump with high & low volume dispensing (performance target 120 gpm)
- Water & particulate disposable filter
- Flow meter & register for monitoring both high & low volume diesel dispensing (select liters/gallons below)
- Fuel pump inlet 250 micron strainer, external relief bypass valve & controls
- Hydraulic internal emergency shut-off valve
- Nozzle storage holders

SHIPPING DIMENSIONS

All weights and dimensions are subject to change. Tank weights and specs are given without fuel in the tank.
Tank specifications are available for earlier models-please contact Mega Sales for more information.

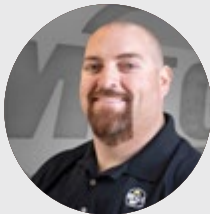
MEGA MODEL & PRIME MOVER	TRUCK SIZE CLASS	USABLE CAPACITY	OVERALL LENGTH A	OVERALL HEIGHT B	OVERALL WIDTH C	TANK WEIGHT
MFT45 CAT745	45 Tons	38,000 liters	13,900 mm	4,900 mm	4,140 mm	4,200 kg
		10,000 gallons	547 in	194 in	163 in	93,000* lbs
MFT100 HD785 Komatsu	100 Tons	42,000 liters	9,474 mm	6,299 mm	5,435 mm	N/A
		18,000 gallons	373 in	248 in	214 in	N/A



Drawings do not represent all tank models.

Meet your MEGA team!

EQUIPMENT SALES



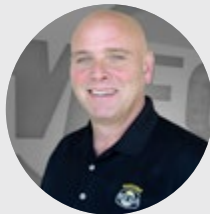
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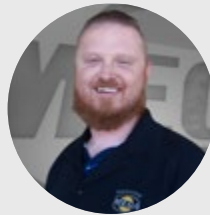
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Thank You
For Your Business

MEGA
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MFT45
FT002



THERE'S WORK TO BE DONE ➔

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08-2021 MFT- Brochure
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