



**GENUINE MEGA**

SPECIALTY HAULAGE SOLUTIONS FOR CONSTRUCTION & MINING

**MFL/MLT** ➤

APPLICATIONS FOR CATERPILLAR®

## MEGA FUEL AND LUBE SERVICE VEHICLES



**THERE'S WORK TO BE DONE** ➤



**EQUIPMENT** ➤

700 Osuna Rd. NE

**PARTS** ➤

Albuquerque, NM 87113

**SUPPORT** ➤

[www.megacorpinc.com](http://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](http://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 ”**



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# 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](http://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

Buy parts online [www.megacorpinc.com](http://www.megacorpinc.com) or by calling Mega Parts Sales @ 1-800-345-8889.





## ➤ FUEL AND LUBE BODIES

### MEGA TANKS AND BODIES FOR FUEL AND LUBE APPLICATIONS

Mega's complete line of fuel and lube bodies for rigid and articulated trucks are designed for stable operation, proper weight distribution and long life. Mega service bodies feature an integrated power system which uses fuel supplied directly from the platform fuel tank.

The body is fully functional with the truck turned off, saving service meter hours, emissions and fuel consumption. The power system allows complete testing in the factory prior to field installation, minimizing labor cost and chassis integration issues. Every service body includes a complete set of technical manuals detailing

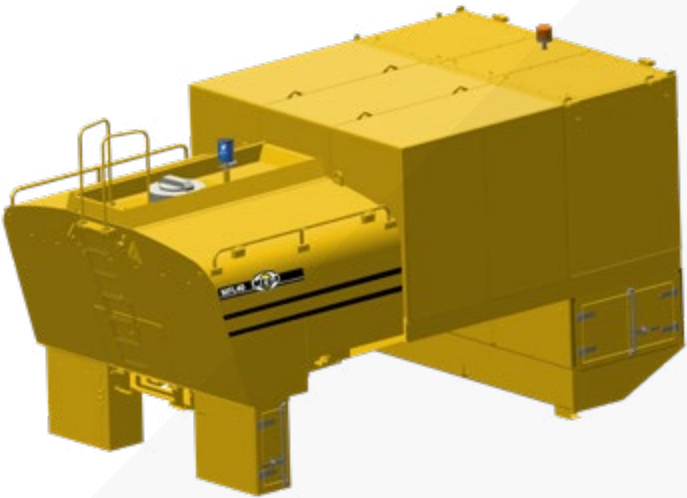
installation, operation, maintenance, inspection and replacement parts. Mega bodies are constructed with premium materials and are inspected throughout the manufacturing process to ensure reliability.

Mega fuel and lube bodies 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.

#### Enhanced Features

- ✓ The diesel fuel tank is designed with the Mega Anti Surge System- M.A.S.S. This well proven design ensures load stability through the entire range of fuel loaded conditions. Surpasses the existing industry standard for durability and life.
- ✓ A self-contained, engine-driven power module which provides hydraulic power, compressed air & electrical power, independent of the chassis.
- ✓ A hydraulic system utilizing a sectional mobile valve for the ultimate in control over separate delivery systems.
- ✓ Diesel fuel tank valance incorporates the proven Betts® access system. Mega also provides a rollover valve to contain fuel in the event of a rollover mishap.
- ✓ Fuel 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.
- ✓ 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.

#### Available MFL - Mega Fuel and Lube Bodies



MFL45 Caterpillar 745 (45 Tons)	FUEL	PRODUCT TANK 1	PRODUCT TANK 2	PRODUCT TANK 3	PRODUCT TANK 4	Used Oil	Coolant	Grease
Gallons	5,000	200	200	200	200	200	200	500 - 1,100 (lb)
Liters	17,000	800	800	800	800	800	800	225 - 500 (kg)
MFL45 Caterpillar 745 LWB (45 Tons)	FUEL	PRODUCT TANK 1	PRODUCT TANK 2	PRODUCT TANK 3	PRODUCT TANK 4	Used Oil	Coolant	Grease
Gallons	6,000	200	200	200	200	200	200	500 - 1,100 (lb)
Liters	26,000	1,900	1,900	900	900	900	900	225 - 500 (kg)

#### Available MLT - Mega Lube Bodies



MLT45 Caterpillar 745 (45 Tons)		FUEL	PRODUCT TANK 1	PRODUCT TANK 2	PRODUCT TANK 3	PRODUCT TANK 4	PRODUCT TANK 5	PRODUCT TANK 6	Used Oil	Coolant	Grease		
	Gallons	500	500	500	500	500	250	500	500	1,100 (lb)	500 - 1,100 (lb)		
	Liters	1,890	1,890	1,890	1,890	1,890	945	1,890	1,890	500 (kg)	225 - 500 (kg)		
MLT45 Caterpillar 745 LWB (45 Tons)		FUEL	PRODUCT TANK 1	PRODUCT TANK 2	PRODUCT TANK 3	PRODUCT TANK 4	PRODUCT TANK 5	PRODUCT TANK 6	PRODUCT TANK 7	PRODUCT TANK 8	Used Oil	Coolant	Grease
	Gallons	500	500	500	500	500	500	250	250	500	500	1,100 (lb)	1,100 (lb)
	Liters	1,890	1,890	1,890	1,890	1,890	1,890	945	945	1,890	1,890	500 (kg)	500 (kg)

WE HAVE CONFIGURATIONS TO MATCH YOUR APPLICATION.

Enhanced Features For YOUR Service Vehicle.


STANDARD Features

SELF-SUFFICIENT



Independent Power System  
(Optional Feature)

USEFUL



Useful for multiple applications

EFFICIENT




Product Dispensing System

SAFETY



Emergency Shut-Off

PROVEN DESIGN

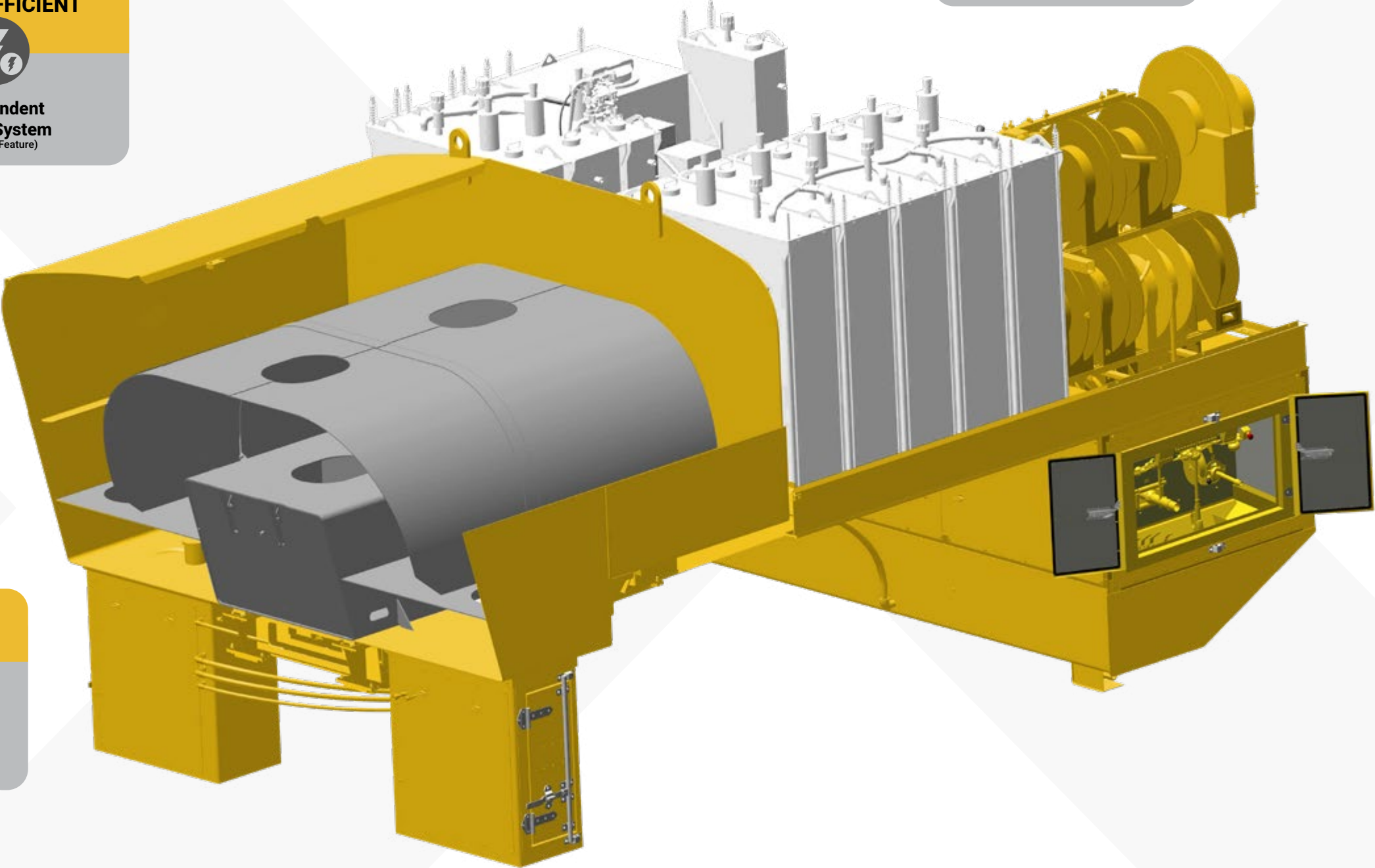


Mega M.A.S.S.  
Mega Anti Surge System

USER-FRIENDLY



Fuel System

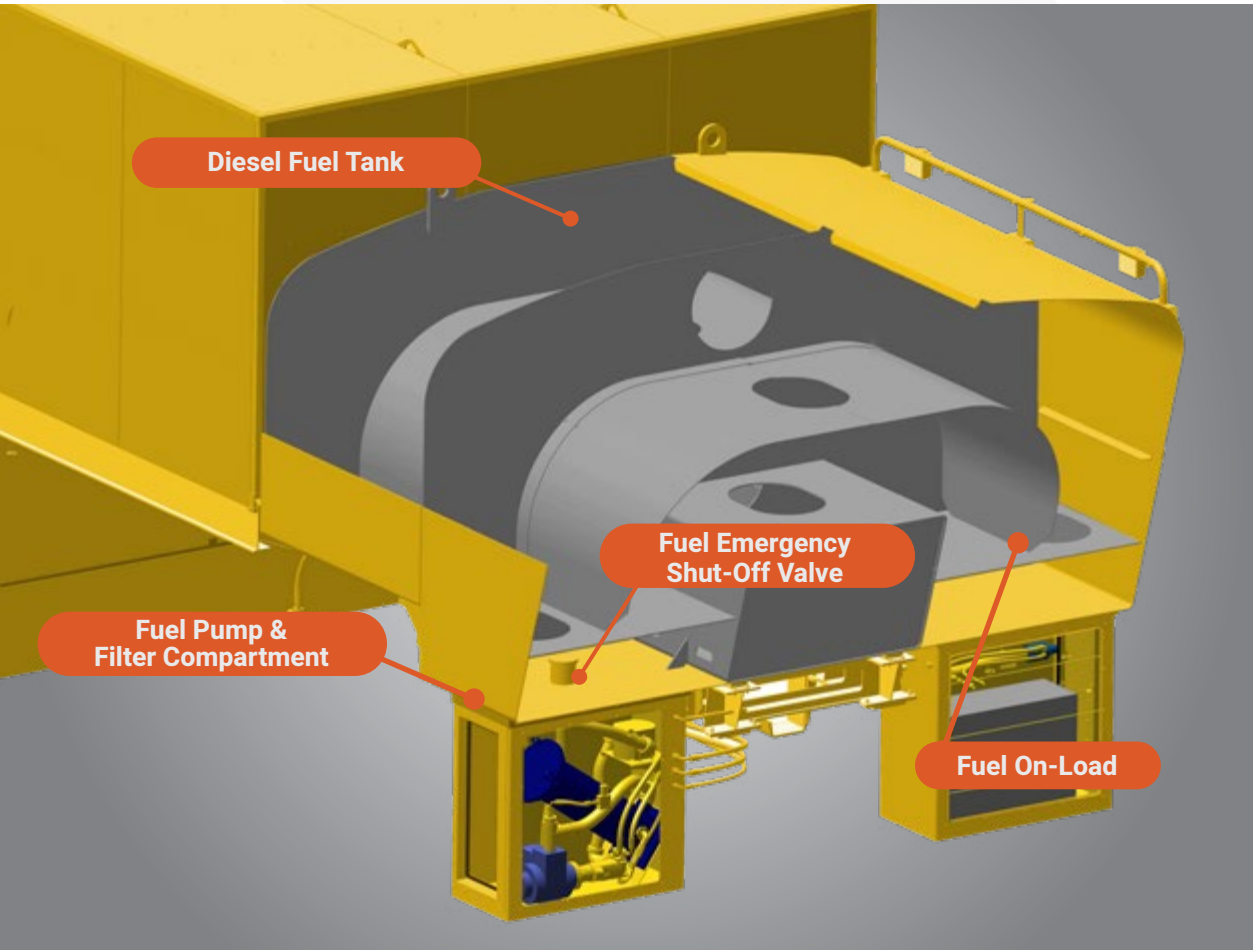




While Tanks May Look Similar On The Outside- It's What's Inside That Counts!

Mega tanks feature a proprietary baffling system that minimizes the effects of surging fluids while maximizing tank longevity. Our M.A.S.S. (Mega Anti Surge System) baffling provides the most stable, lowest profile, and longest-life tank on the market today. Chassis life is improved and maintenance decreased because our tanks are engineered in collaboration with Caterpillar® to match their ROPS, braking, and chassis load ratings.

Mega tanks are designed with safety, performance, and durability in mind which ensures load stability, standard machine handling, and long chassis service life. The mounting system utilizes line-bored rear pin mounts and flexible clamp front mounts making tank installation and removal simple.



PRODUCT DISPENSING STATION

The operator station, located at the left rear side of the reel cabinet, includes high and low volume diesel fuel dispensing and all product dispensing controls. Controls are provided for hose reel operation, fuel and product pumps, fuel register, integrated power system, and LED compartment lighting. The dispensing station is segregated from the inner reel cabinet by a fairlead panel to reduce contamination. The lockable hinged door with door stays provides security and easy access.

Benefits and features include:

- LED compartment lighting
- Fuel register
- Nozzle storage holders
- Tank-level indicator system for fuel and product tanks
- Emergency "E-stop" shut-off switch
- Provides ground level access for operator at left rear of unit
- Hinged door access with mechanical stays and heavy duty latches
- Dispensing nozzles separated from service cabinet by bulkhead with roller fairlead panel to reduce dust
- Engraved metal nameplates labeling each product tank and corresponding controls



Fuel Register

A re-settable fuel register designed especially for the off-highway market featuring full color display. This compact digital register can display either gallons or liters.



Emergency Shut-off

Shut-off located at the left rear operators station removes power from all body systems.



CENTRAL SERVICE STATION

Service Product Onload

- Automatic fill shut-off
- Ground level access
- LED compartment lighting
- Service center compartment isolated from hose compartment to reduce contamination and maintain interior body heat
- All product servicing lines include ball valves (customer supplied fittings)
- Engraved metal nameplates
- Compartment is designed with extra deep trough for clearance and storage
- Provides fill for all new oils, coolant and grease



IN-CAB DISPLAY

The compact switch pad is located in the cab and includes the following features:

- Simple, rugged construction for heavy duty operation
- Adjustable switch pad brightness
- Work light controls
- Product tank level indicators



TECHNICIAN SERVICE SCREEN

Rugged Construction, Reliable Performance.

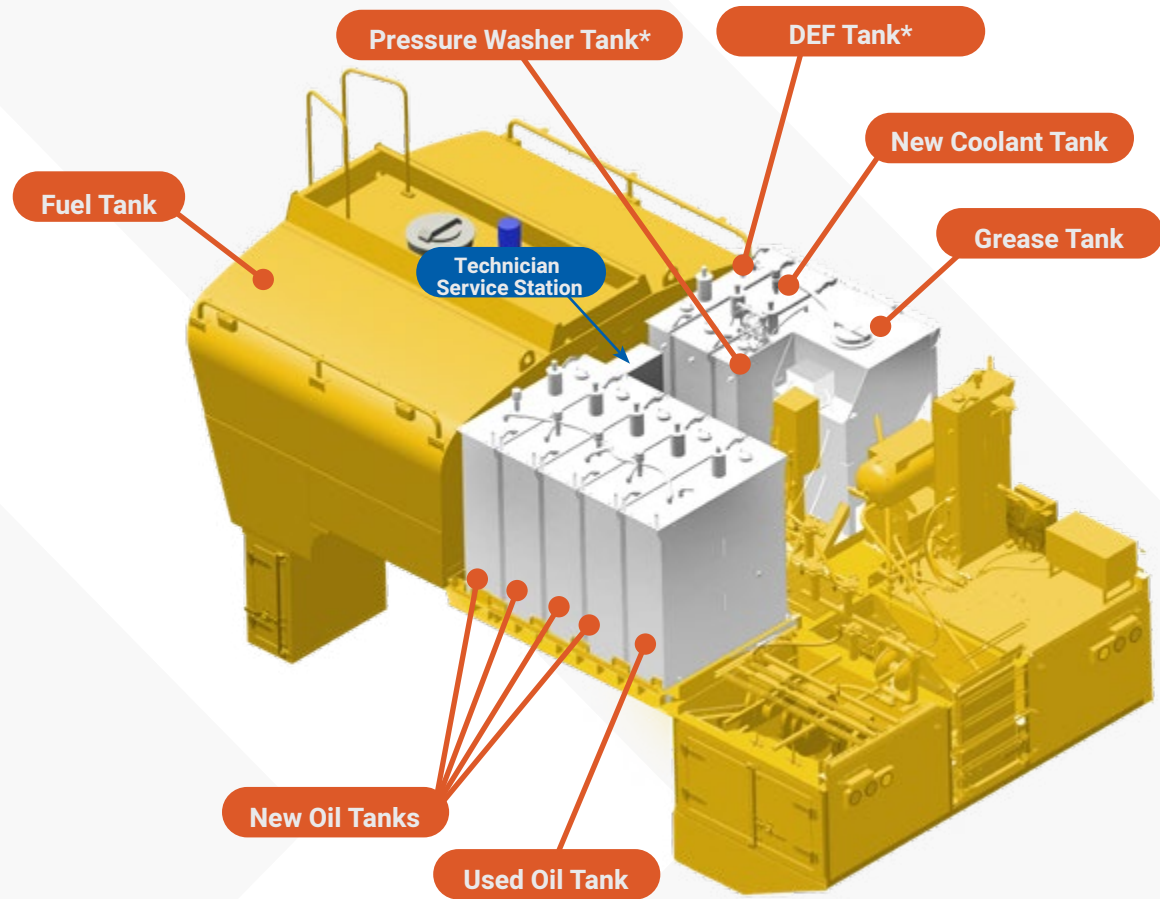
Mega's reliable technician service screen provides easy adjustment to product flow output.

- Easy electronically adjustable product output
- Troubleshooting diagnostic display.
- Secure protective housing.





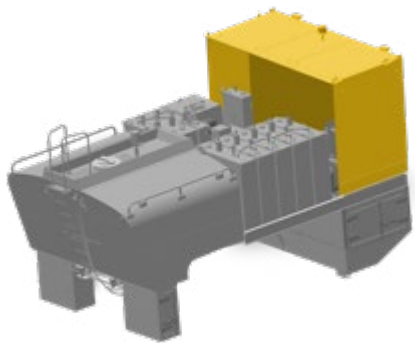
PRODUCT TANKS & SYSTEM



Product tanks\* include used oil, new oil, DEF, coolant, grease and the fuel tank. These can be customized as needed for customer application. Product system include the following:

- Visual sight gauges
- Vibration suppression mounts
- All product tanks are removable
- Top-of-tank inspection and fill access
- Desiccant filtration vents
- Automatic fill shut-off
- Ultrasonic level sensor
- Operator selectable high and low flow dispensing
- Remote ground level fill at central service station with automatic shut-off
- Overflow into the used oil tank as necessary

\* Features are optional. Please see optional features section.



Mega's MFL and MLT platform\* structure includes:

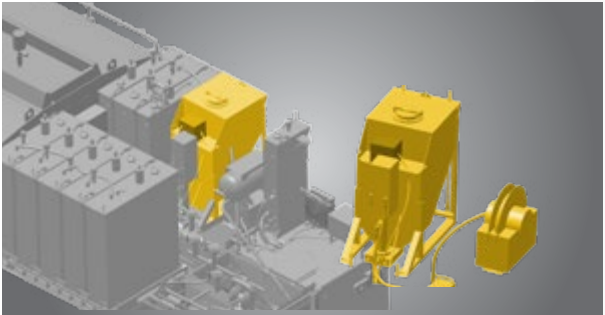
- Raised illuminated walkway between product tanks and lower deck assembly
- Modular deck and reel cabinet design
- Upper and lower floor designed to contain product spillage

\*Optional removable enclosure options also available.

Grease Tank

Mega's grease tank includes:

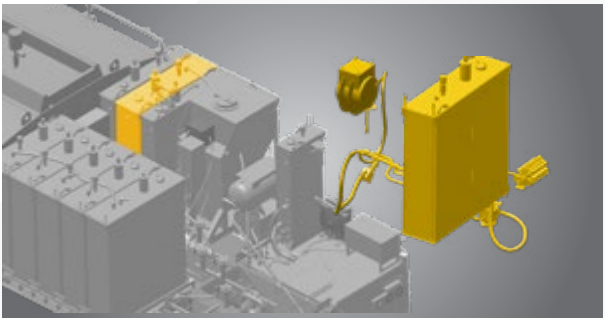
- Carbon steel tank
- Remote bottom fill or top fill with overflow safety vent
- Works with HPLV and LPHV delivery systems



New Coolant System

Mega's new coolant system includes:

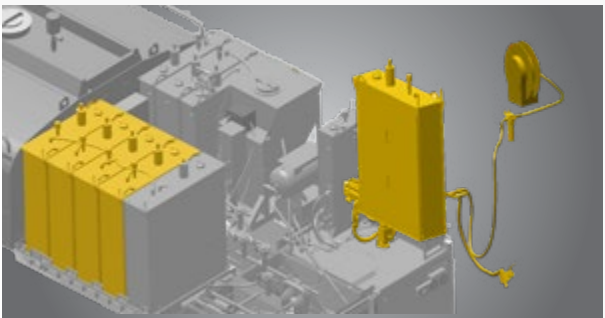
- Stainless steel tank with interior baffles
- Exterior visual sight gauge
- Ground-level fill at operator station
- Tank overflows to waste oil tank
- Direct-coupled hydraulically-driven product pump with high pressure filter
- Spring-rewind hose reel



New Oil Tank System

The new oil tank product systems include:

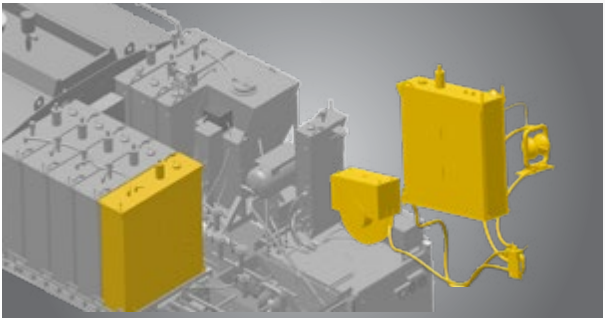
- Carbon steel tanks with interior baffles
- Exterior visual sight gauge
- Ground-level fill at operators station
- Tank overflows to waste oil tank
- Direct-coupled hydraulically-driven product pump with high pressure filter
- Spring-rewind hose reel



Used Oil Tank System

The used oil system includes:

- Carbon steel tanks with interior baffles
- Exterior visual sight gauge
- Tank overflows to waste oil tank
- Pneumatically-operated diaphragm pump for onload and dispensing operations
- Tank overflow bypass plumbing
- Spring-rewind hose reel





**Air Compressor**

The Mega standard air compressor system provides an air tank with water vapor drain, dessicant filter, air dryer and regulator. It also includes a spring-rewind hose reel with threaded hose whip for customer supplied air chucks. *Note: Included with the optional feature independent power system.*



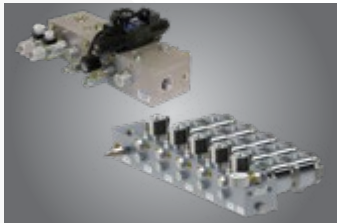
**Camera Relocation Mounting Provision**

A mounting provision to relocate the camera from the truck to the service body.



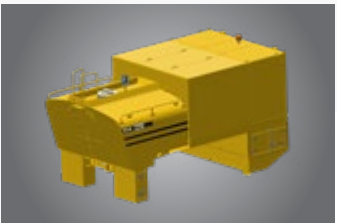
**Direct Pin Mounting With Line-Bored Holes**

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. Mega tanks do not require welding to the frame. New pivot pins and shims are supplied with the tank.



**Electro-Hydraulic Valve**

The multi-function proportional control valve provides load sensing while reducing wiring and hydraulic connection complexity. The system controls individual hydraulic section pressure, flow rate and pressure limiting.



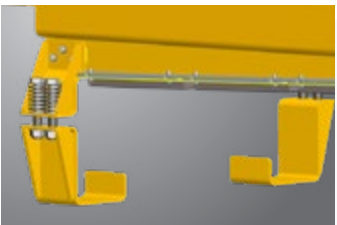
**Exterior Paint**

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 graphics are available upon request.



**Fall Protection Tie-Off Points**

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



**Flexible Tank Mounting**

The truck chassis is allowed to flex beneath the spring type front mounting tie downs.



**Fuel Onload Station**

The fuel onload station includes onload piping. *For fuel lube bodies only. Receiver is an optional feature.*



**Fuel Tank Valance With Betts®**

Provides check valve to contain fuel in the event of a rollover.



**Ground Level Storage Cabinet**

Mega provides a ground-accessible storage cabinet (space allowing). Available on the MLT only.



**Ladder and Hand Rails**

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 access to the top of the tank.



**LED Light Group**

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

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



**Mud Flaps**

Mud flaps are standard equipment on available service 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.





Rear Cabinet Enclosure

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

- Product tank fill access
- Product tank servicing lines
- Hydraulically driven Blackmer fuel pump
- Low volume diesel spring-rewind hose reel
- High volume hydraulic hose reel
- Backup camera relocation cabinet

Steps and Handrails

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

Tank Covers and Filtered Vents

Our stainless steel, Betts® style 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.

FUEL PUMP & FILTER COMPARTMENT\*

Located on the right of the reel cabinet, the enclosure features removable panels which provide service access. Fuel pump station includes:

- Fuel pump with inlet screen
- Fuel filter
- Fuel meter
- Fuel safety shut-off valve

\* For fuel lube bodies only.



Fuel Pump

Hydraulic driven Blackmer® TXD2.5A pump with 250 micron inlet strainer. Pump includes external relief by-pass and controls. Pump and controls are accessible through the cabinet access doors.

Fuel Filter

Single 30 micron particulate and water separation filter with health monitoring. Filter station is located in the cabinet enclosure. Options are available for smaller micron filtration and additional in-line filter packages.

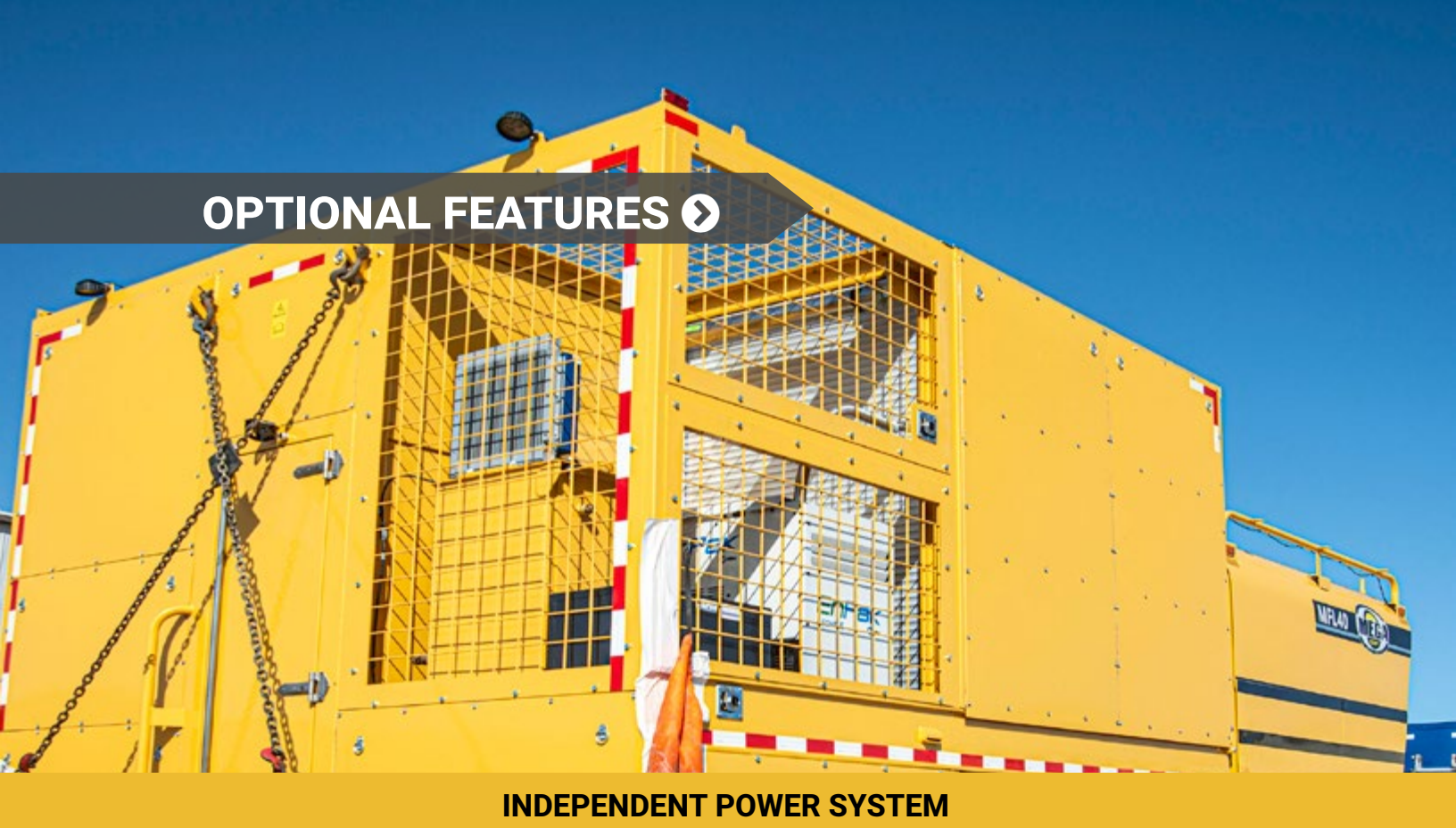
Fuel Meter

A mechanical fuel meter compatible with diesel fuel. See optional features for precision meter – available with gallons or liters. *For fuel lube bodies only.*

Fuel Safety Shut-off Valve (Internal Self-Closing Stop Valve)

Hydraulic safety valve prevents fuel flow unless requested by system. Shuts off flow of fuel with loss of power or if E-Stop is pressed.





# OPTIONAL FEATURES

## INDEPENDENT POWER SYSTEM

Mega introduces the independently powered fuel and lube service body. An onboard diesel engine power pack provides all hydraulic and pneumatic service for dispensing pumps.

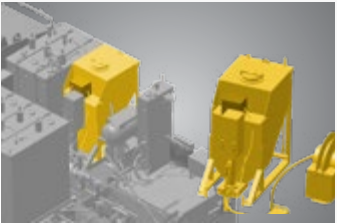
This provides for simplified installation of the fuel and lube body onto the truck chassis having no integration with the chassis hydraulic system and independent operation of all dispensing features.

Self-Contained Advantages
✓ Mega can set-up & test the complete system without access to the truck chassis
✓ The service body can operate with the chassis off, or at idle-reducing maintenance & service meter hours
✓ A single control system design can serve many different chassis without modification
✓ Field assembly of the service body to the chassis is comparable to installation of a dumper body
✓ No hydraulic connections & limited electrical connections to make
✓ No chance for cross-contamination between the service body's hydraulic system & the chassis'



## 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 Grease System

The Mega grease delivery system includes a hydraulically-driven pump and spring-rewind hose reel. Mega offers a high pressure low volume system for zerks and a low pressure high volume system for bulk grease delivery.



## Additional Work light Packages

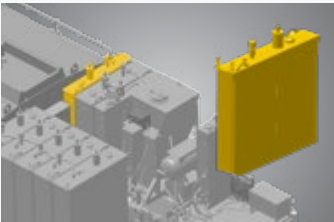
The additional lighting package provides additional LED lights on the non-operational side of the tank.



## 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.





**DEF-Diesel Exhaust Fluid System**

The 110 gallon DEF includes a top of tank inspection port, visual sight gauge, and desiccant breather with a removable stainless steel tank mounted on vibration suppression mounts.

- Tank can be fully drained from central service station
- LED tank level indication at the central service station
- Ground level fill with automatic shut-off
- DEF filter downstream of product pump that meets ISO 4406 Code 18/16/13
- 15m X 19m ID (50ft. of .75") hose on spring rewind reel with 12" threaded hose whip
- High volume SST DEF dispensing nozzle

DEF-Tank Heat

- Heat loops circulate heated glycol mixture to DEF tank to prevent freezing
- Requires purchase of heated body enclosure or product tank heating system



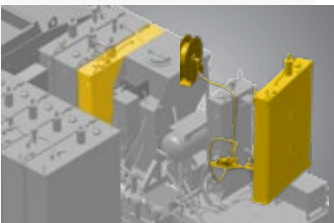
**Hoses Reel Options**

Mega offers electro-hydraulic rewind upgrades to the standard, spring-rewind hose reels.



**On-site Technical Assistance**

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



**Pressure Washer**

The pressure washer system includes:

- Stainless steel tank with interior baffling
- Hydraulically-driven pump
- Adjustable pressure regulator
- Suction strainer and filter on pump
- Hydraulic controls
- Spring-rewind hose reel with high pressure hose, pistol grip control wand and nozzle

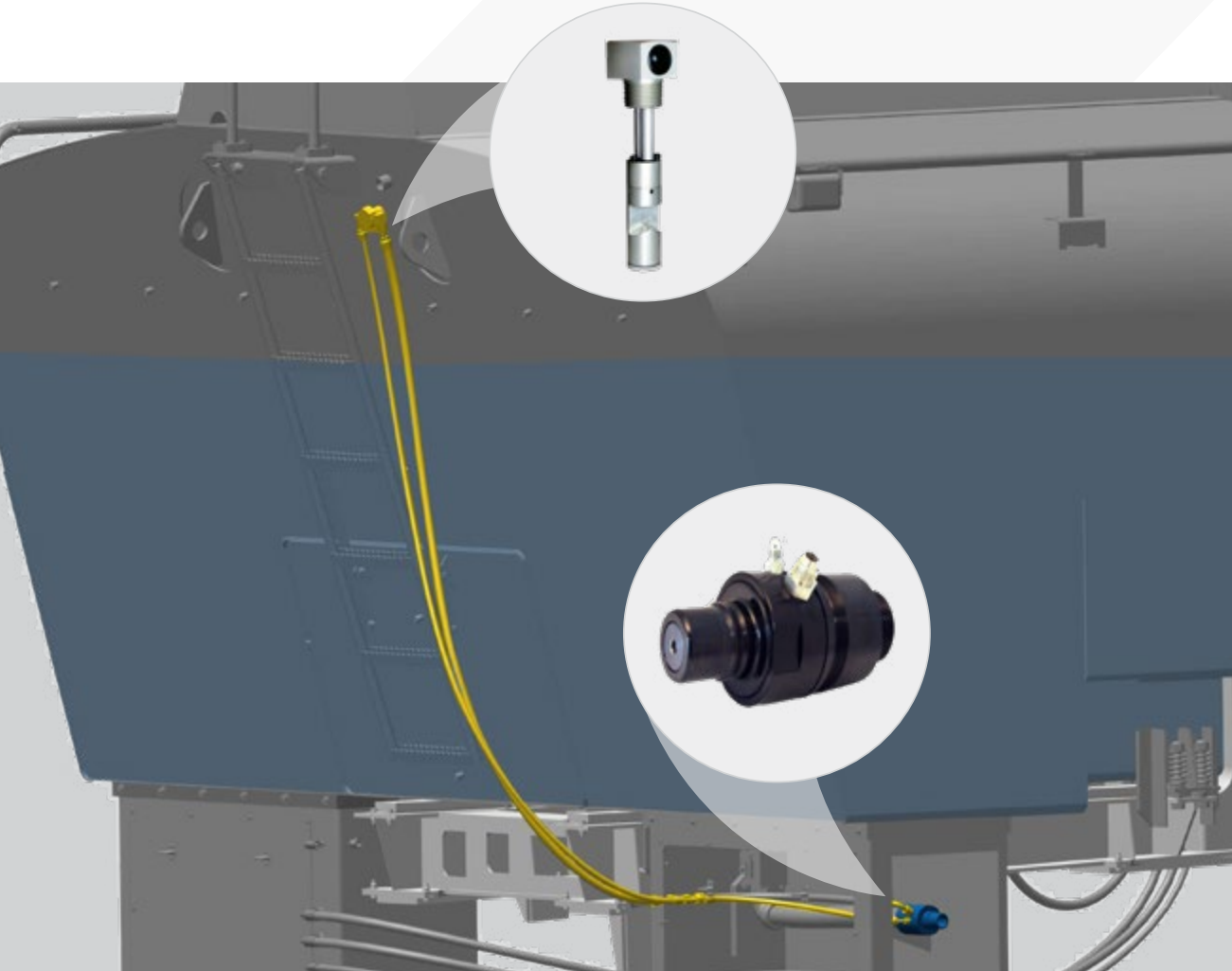


**Product Dispensing Nozzles**

Product dispensing guns include anti-drip hose whips. The electronic or mechanical dial meter with resetting totalizer helps dispense precise amounts of products and aids in tracking material usage.

**FUEL ONLOAD RECEIVER**

Non-pressurizing system allows for automatic diesel refueling. Shutoff is automatic, fully self contained, and cannot be overridden.







**Fuel Dispensing**

Dispensing nozzle with swivel for fast fill diesel. Dispensing nozzle with swivel for low volume diesel hose reel (automotive splash fill style).

**PRODUCT TANK ENCLOSURE AND HEATING**

Mega offers insulated and un-insulated tank enclosures, as well as a heating system for product tanks. Enclosure features include:

- Removable top panel with lifting points for easy access to product tanks
- Interior light controls

Heating system features include:

- Heated reel cabinet
- Flow controls to adjust zone heat
- Heat loops circulate a heated glycol solution to product tanks to maintain oil viscosity
- Self-contained diesel-fired closed circuit glycol heater system
- Dedicated fuel supply from main diesel fuel tank



➤ **WORLDWIDE PRODUCT SUPPORT**

Mega's products are used throughout the world in a wide variety of applications and environments. Our product support team provides full-time technical support, on-site field assistance, training and after-hours emergency parts service. We also maintain a large inventory of repair and maintenance parts for all of our products.

Our product support specialists are highly-qualified technicians with years of experience able to provide on-site assistance, operator training, technical and service advice, including system installation, configuration and best practices.



**#MEGAWORLDWIDE**

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

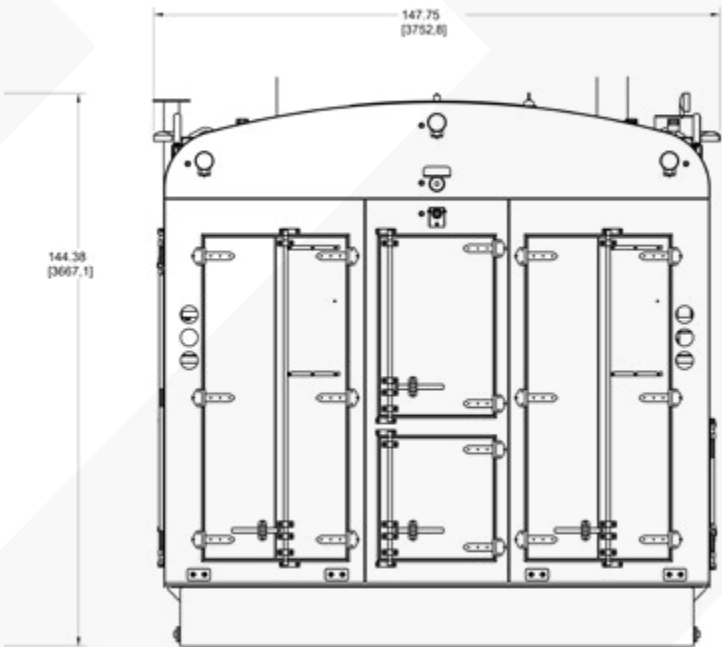
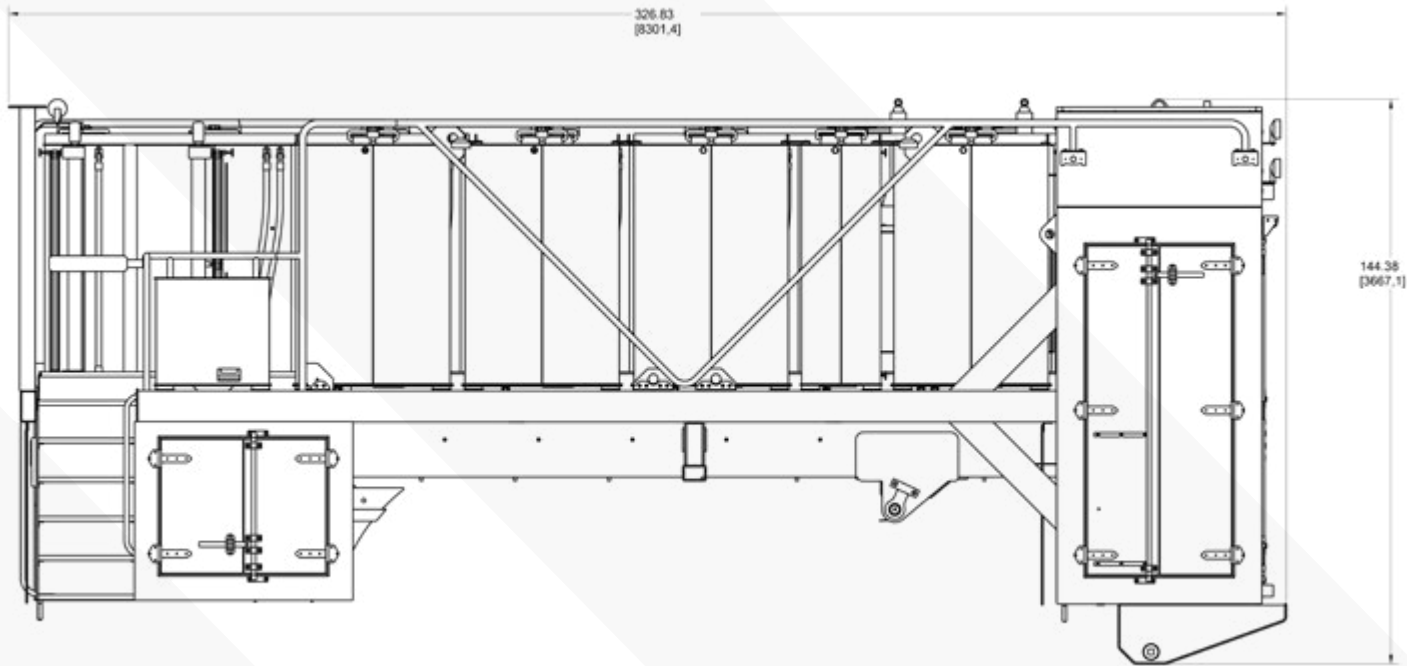
Buy parts online [www.megacorpinc.com](http://www.megacorpinc.com) or by calling Mega Parts Sales @ 1-800-345-8889.



Shipping Dimensions

Mega MLT-Mega Lube Tank

Drawings do not represent all tank models.



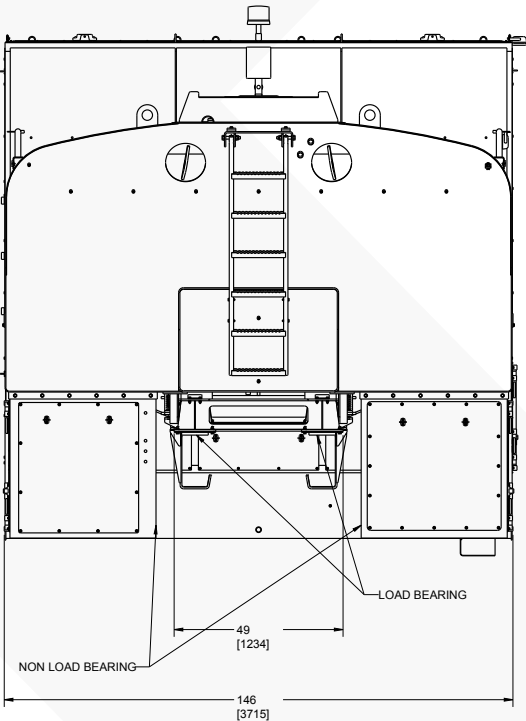
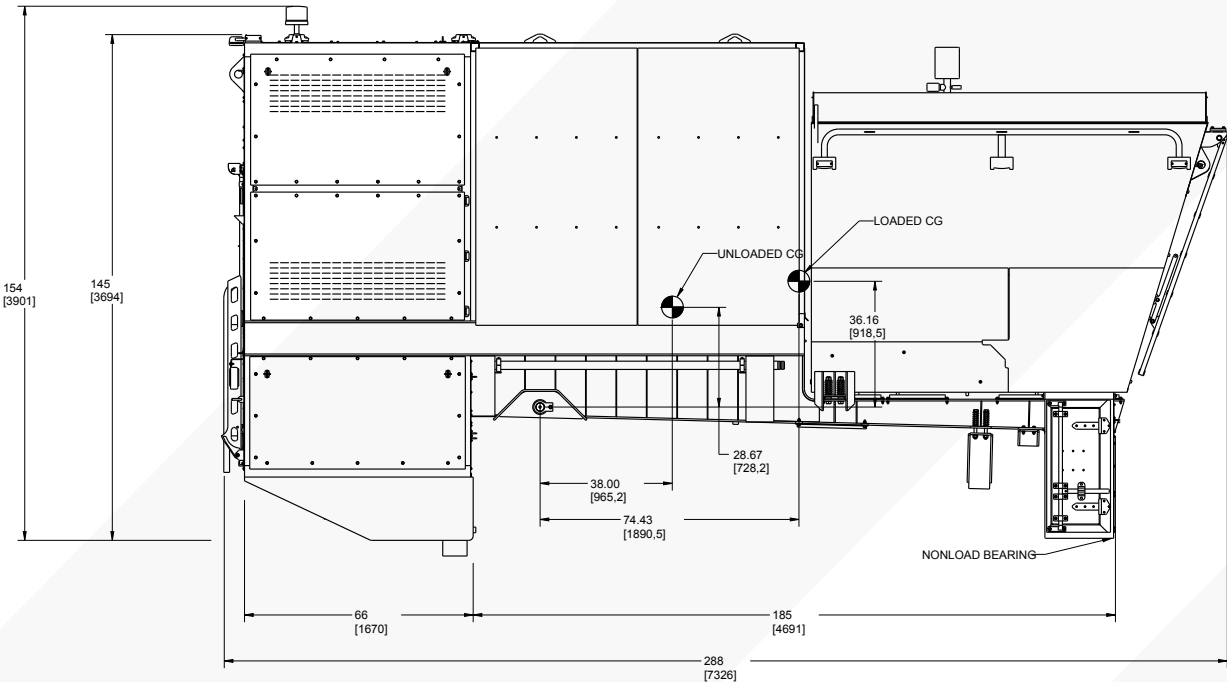
Estimated shipping weight 60,000 lbs/27,200kg

Please call your Mega Sales Representative for detailed shipping dimensions.

Shipping Dimensions

Mega MFL-Mega Fuel and Lube Platforms

Drawings do not represent all tank models.



Estimated shipping/empty weight 42,000 lbs/19,051 kg  
Estimated loaded weight 78,800 lbs/35,743 kg

Please call your Mega Sales Representative for detailed shipping dimensions.



MFL AND MLT 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 and product tanks

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	
spring rewind reel	• 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	
• Low profile for long wheel base models with M.A.S.S Mega Anti-Surge Stability System	
Emergency Stop	• Operator cab • Onloading fuel cabinet • Off-loading dispensing cabinet
Remote ground-fill with auto shut-off	
• 2" NPTF for customer supplied receiver	
Top of Tank Access	• Rollover Valance • 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
Product Dispensing Guns (Product Oils)	• Graco dispensing guns with in-line mechanical resetting totalizer for product tanks 24.8 @ 3,600 rpm

ENCLOSURE & HEAT OPTIONS

Product Tank 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

Product Tank and Reel Cabinet Heating System without Body Enclosure

- Heat loops circulate heated glycol 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.

Product Tank and 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 using two (2) heat exchangers to heat area for product tanks and operators work space
- 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

- 3-inch fuel Onload pipe & plug
- Fuel Onload pipe (dealer/customer supplies Onload or dispensing receptacle or nozzle unless selected below)
- 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") • 50 feet working length (nozzle not included)

Low volume diesel spring rewind hose reel	• 10m x 25mm ID (50' x 1") • 50 feet working length (nozzle not included)
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- Hydraulic driven Blackmer® TXD2.5A pump with high & low volume dispensing (performance target 120 gpm)
- Water & particulate disposable filter (select micron filtration below)
- 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 with fusible link
- Nozzle storage holders

FUEL REGISTER

- 3.5" QVGA, 320 x 240 pixels, 24 bit color depth
- Tactile button for reset
- CAN 2 x CAN 2.0B channels J1939
- 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
- 32-bit ARM Processor

GREASE DELIVERY SYSTEM\*

- HPLV grease system for zerks
- LPHV for bulk grease delivery
- Both HPLV and LPHV
- 30 micron
- 10 micron
- 2 micron (Recommended for Tier 4 engines)

HOSE REELS

Fuel	• High Flow 2"X50' Hydraulic Rewind • Low Flow 1"X50' Spring Rewind
Product	• Oils 5/8" X 50' spring rewind • DEF 3/4" X 50' spring rewind* • Grease high volume 1" X 50' spring rewind • grease low volume 3/8" X 50' spring rewind • Coolant 5/8" X 50' spring rewind • Used oil recovery 1" X 50"
Upgrades to Electro-Hydraulic include*:	• Low Volume Diesels • Air Compressor • New Oil Product Tank • Used Oil Product Tank • Coolant Tank
• Upgrade to Electro-Hydraulic Hose Reel for LPHV Grease System	
• Upgrade to Electro-Hydraulic Hose Reel for HPLV Grease System	
• Upgrade to Electro-Hydraulic Hose Reel for both HPLV and LPHV	

INTEGRATED POWER SYSTEM

Enpak®	832 lb. (373 kg)
Weight	30"/762mm high X 21" (533mm) wide 47"(1194 mm) deep
Dimensions	
Engine	
Horsepower	24.8 @ 3,600 rpm
Type	Diesel EPA Tier 4 Final Complaint
Speeds	• 1,800 rpm (idle) • 2,600 rpm • 3,200 rpm • 3,600 rpm
Auto Engine Shutdowns	• Coolant Temp. • Oil Pressure • Over speed

LIGHTING GROUP

Exterior lighting controls in the operator's cab	
LED Strobe Light	• 1 amber LED on top of rear reel cabinet
Compartment lighting controls mounted in each cabinet	
LED	• Rear stop/tail/turn • Backup Light • Side marker lights
Exterior LED Lights	• 6 Exterior LED 24VDC Floodlights • 4 left side area work lights • 2 reel cabinet, rear facing, area work lights

ONLOAD

Includes automatic shut-off valve, typically Wiggins® compatible

PRODUCT TANKS

NEW OIL (4 Tanks)

- Interior baffling as required with exterior visual sight gauges
- Tank can be fully drained from central service station
- Ground level fill at central service station
- Tank overflow bypass plumbing to used oil tank
- Direct coupled hydraulic drive product pump
- High pressure filter downstream of product pump that meets ISO 4406 Code 18/16/13
- Electro-hydraulic controls for dispensing pumps
- 15 m x 16 mm ID (50 ft. of 5/8") hose on spring rewind reel with 12" threaded hose whip (see options for dispensing guns)

USED OIL (1 Tank)

- A36 steel tank
- Interior baffling as required with exterior visual sight gauges
- 48mm (1.5") pneumatic diaphragm pump for on and off-load operations
- Electro-pneumatic control for diaphragm pump
- 15 m x 25 mm ID (50 ft. of 1") suction rated hose on spring rewind reel with 12" threaded hose whip and ball valve

NEW COOLANT (1 Tank)

- stainless steel (type 300 series) tank
- Interior baffling as required with exterior visual sight gauges
- Tank overflow bypass plumbing to waste tank
- Remote ground fill at service center with overflow to containment tank
- Direct coupled hydraulic drive product pump
- Electro-hydraulic controls for dispensing pumps
- 15m x 13mm ID (50 ft. of 1/2") hose on spring rewind reel with 12" threaded hose whip

GREASE TANK (1 Tank)

- Container (bulk grease) A36 steel tank
- Remote bottom fill or top fill with overflow safety vent
- Electro-hydraulic controls for dispensing pumps
- Accommodates HPLV and/or LPHV delivery system (make selection in Mandatory Options)

PRESSURE WASHER & TANK\*

- Hydraulic drive, Hydraulic controls
- 2900 PSI, 6.6 GPM
- Plunger or piston type pump
- Adjustable pressure regulator/unloader
- Suction strainer (40-80 mesh) or filter on pump
- pistol-grip control wand and nozzle

High pressure hose	• spring rewind hose reel • 15m x 13mm (50 ft. of 1/2")
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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

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.

Note: All features are subject to change. Please contact a Mega sales representative if you have any questions.



*Thank You*  
For Your Business



MFL40



**THERE'S WORK TO BE DONE**



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