



GENUINE MEGA

SPECIALTY HAULAGE SOLUTIONS FOR CONSTRUCTION & MINING



MCH/MBD

MEGA BOTTOM DUMP TRAILERS



EQUIPMENT ➡

PARTS ➡

SUPPORT ➡



700 Osuna Rd. NE • Albuquerque, NM 87113

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

www.megacorpinc.com



GENUINE MEGA

#GENUINEMEGA



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> DESIGN

COMPLIANCE WITH INDUSTRY STANDARDS

Mega tanks meet or exceed applicable ISO/SAE/DOT recommended practices and requirements.

COMPLEMENTARY DESIGN

Mega Bottom Dump Trailers & Coal Haulers are designed to match the performance of the chassis with which they are combined. Mega machines comply with OEM tire and axle load limits and meet applicable ROPS, emergency steering, and braking performance criteria.

DURABILITY

Mega machines from OEM-quality raw materials and components to provide years of service. Many Mega Bottom-Dump Trailers & Coal Haulers have been in service for over 30 years.

EXPERIENCE

Mega machines are designed with the benefits attained from manufacturing over 5,000 machines and with over 45 years of experience.

MACHINE INTEGRATION

Mega's experience creating derivative products from OEM off-highway trucks is unmatched in our industry. Mega works closely with OEM manufacturers to ensure our products properly interface with the prime mover resulting in a fully integrated machine, ensuring optimum performance and maximizing machine availability.



> PRODUCT SUPPORT

PRODUCT SUPPORT

Mega maintains 24 hour technical product support and parts sales coverage.

DOCUMENTATION

All Mega prime products include a full set of operation, maintenance & parts sales manuals.

WARRANTY

Mega prime products come with a standard one year warranty and we are proud of our warranty performance.

MAINTENANCE & REPAIR

Mega engineers maximize the use of OEM content in the design of the hydraulic, suspension, axle and brake systems, making it easier for maintenance technicians to troubleshoot and maintain

SERVICE PARTS

Mega maintains several million dollars of spare parts inventory resulting our ability to provide 24 hours shipment for over 98% of parts orders.

GENUINE MEGA VALUE



> PERFORMANCE

INCREASED PRODUCTIVITY

When used in the right application, Mega Bottom Dump Trailers & Coal Haulers offer the highest potential increase in payload & productivity when compared with conventional end dump trucks of similar size and power to the tow tractor.

LOWER LOADING HEIGHT

When compared with end dump trucks of similar capacity, Mega Bottom Dump Trailers & Coal Haulers typically have a significantly lower loading height, permitting their use with a wider variety of loading tools.

CATERPILLAR FPC SOFTWARE

Mega's Bottom Dump Trailer & Coal Hauler products are included in the Caterpillar Fleet Production and Cost Analysis software (FPC) enabling dealers to quickly compare performance, productivity and ownership & operating costs against alternative solutions

MACHINE AVAILABILITY

Mega's decades of experience, design knowledge and product support combine to provide the highest possible machine availability.

BRAND RECOGNITION

Mega's brand is well-known around the world, improving resale value and enabling customers to finance complete machine purchases with OEM dealers.





▶ **MEGA BOTTOM DUMP TRAILERS** *TRAILERS FOR MAXIMUM PRODUCTIVITY IN MINING APPLICATIONS*

Mega Coal Haulers are designed for use with off-highway trucks converted into tow tractors. The complete Mega solution includes the hitch system, and modifications to the chassis hydraulic, electrical, braking and computer control systems*. Mega Coal Haulers are designed to comply with OEM tire and tractor axle load limits and meet applicable ROPS, emergency steering, and braking performance criteria. Our design maximizes the use of OEM content in the design of the trailer, suspension, and wheel and brake system components.

Mega Bottom Dump trailers are designed for use with materials of greater density and higher abrasive properties. The MBD utilizes the same hitch, deck and fender system as well as the hydraulic, braking and control systems of the MCH.

Mega trailers 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.

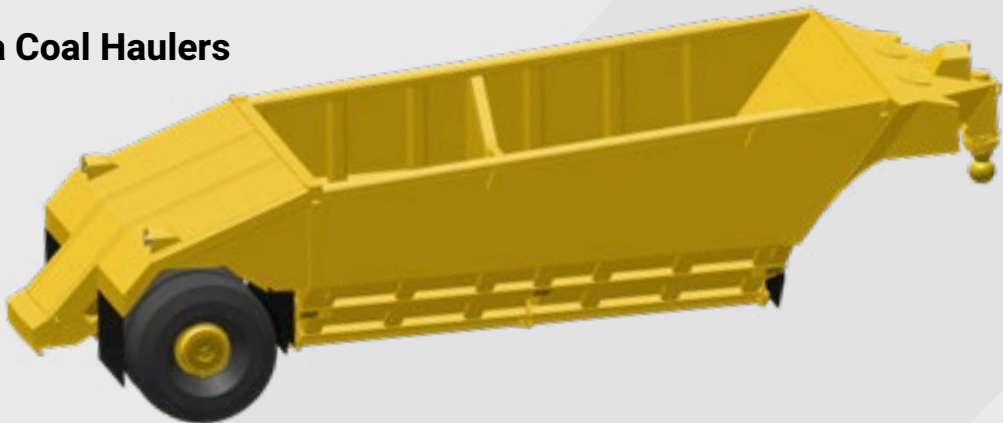
AVAILABLE MEGA COAL HAULERS AND BOTTOM DUMP TRAILERS

▶ MEGA MODEL	▶ PRIME MOVER
MCH	CAT 777
MCH	CAT 785
MCH	CAT 789
MBD	CAT 775
MBD	CAT 777
MBD	CAT 785

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

* Note: Some OEM chassis & computer control system changes may require additional cost.

MCH-Mega Coal Haulers



MBD-Mega Bottom Dump Trailers



MEGA PRODUCTS IN CATERPILLAR FPC

Mega's bottom dump trailer products are included in the Caterpillar Fleet Production and Cost Analysis software (FPC). Caterpillar dealers can use FPC to simulate haul cycles, evaluate productivity and compare alternative solutions.





STANDARD FEATURES



BALL HITCH ASSEMBLY

The Mega ball-type hitch assembly is durable and easy to maintain.



CHASSIS CONVERSION TO TOW

Mega's conversion to tow capability provides:

- Brake cooling activation and integration
- Brake cooling scavenge pump
- Brake cooling tuning
- Brake activation sequencing
- Trailer accumulators and slack adjusters
- All tractor and trailer brake activation hosing



DOOR DESIGN

The doors are fabricated using formed plates to develop a rigid box section capable of withstanding high impact loads. They are also designed with a minimal gap to reduce material leakage. Mega doors use chrome plated pins with greaseless bushings for long life and low maintenance.



DOOR VALVING SYSTEM

The Mega door valving system divides flow equally to synchronize door movement. A series of check and over-center valves prevent door drift. The four door activation cylinders are located externally at the front and rear of each door.



ELECTRONIC TURN LIMIT INDICATOR

The electronic turn limit indicator provides an audible and visual warning to the operator if the trailer is approaching the maximum angle of rotation.



EQUIPMENT LOAD MARKERS

Steel plate markers welded on each side of the trailer to indicate optimal loading area.



EXTERIOR PAINT

Mega trailers are abrasive blasted prior to application of anti-corrosive primer. The exterior top coat is color matched to the current manufacturers color.



GOOSENECK ACCESS MANHOLES

Gooseneck includes two manholes providing access to hydraulic componentry and electrical cabling.



HITCH DECK AND FENDER ARRANGEMENT

The hitch deck and fender arrangement protects chassis componentry and provides access to the transmission through hinged doors. Includes ball hitch receiver group, drive tire fender group and steel grate deck assembly.



LED LIGHT GROUP

Mega bottom dump trailers include LED lights for long life and low maintenance:

- Stop, turn, tail, backup lights
- Side marker lights
- Rear trailer work lights
- Side backup light
- Backup alarm



LUBRICATION BANKS

Manual lubrication banks are provided at the front and rear door pivot points and at the trailing axle suspension cylinders.



MUD FLAPS

Mega mud flaps offer cylinder protection and are located fore and aft of drive tires, trailer doors and trailing axle tires.



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.



PUSH-BLOCK BUMPER

Mega provides a heavy duty bumper with tow hooks to support pushing and towing of the trailer.



TRAILER AXLE ASSEMBLY

The Mega trailer axle assembly includes:

- Utilizes the same wheel groups and most axle & suspension components as the prime mover chassis.
- Trailing axle and rims
- Suspension
- A-frame
- Lateral link
- Cooling and activation lines
- Brake activation components
- Payload sensing circuit



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 ➤



ADDITIONAL TECHNICAL MANUALS

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



AUTO-LUBE GREASE SYSTEM

The auto-lube grease system provides lines from the lubrication banks to the gooseneck. It integrates the manual lube banks with the tractor auto lubrication system.



INTERMEDIATE DOOR POSITIONING INDICATING SYSTEM

The in-cab indicating system notifies the operator when the doors have reached a pre-determined open position. The system is designed to prevent creation of large windrows during stockpile operations.



MECHANICAL TURN LIMIT INDICATOR

The mechanical turn limit indicator provides a visual warning to the operator if the trailer is approaching the maximum angle of rotation.



GOOSENECK ACCESS LADDER WITH HAND RAILS

The Mega bottom dump trailer includes an access ladder to the top of the gooseneck. 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 gooseneck.



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.



PUSH BLOCK BUMPER EXTENSION

This option extends the standard push block bumper to provide additional clearance between the pushing dozer and trailer tires.



REINFORCED TOP RAIL CAP

The reinforced top rail cap protects the top rail of the trailer from damage from loading tools.



SPILL GUARD

The optional spill guard is an enclosed box structure which provides a smooth transition to the gooseneck for shedding material. The spill guard is fitted at the Mega factory but requires field installation.



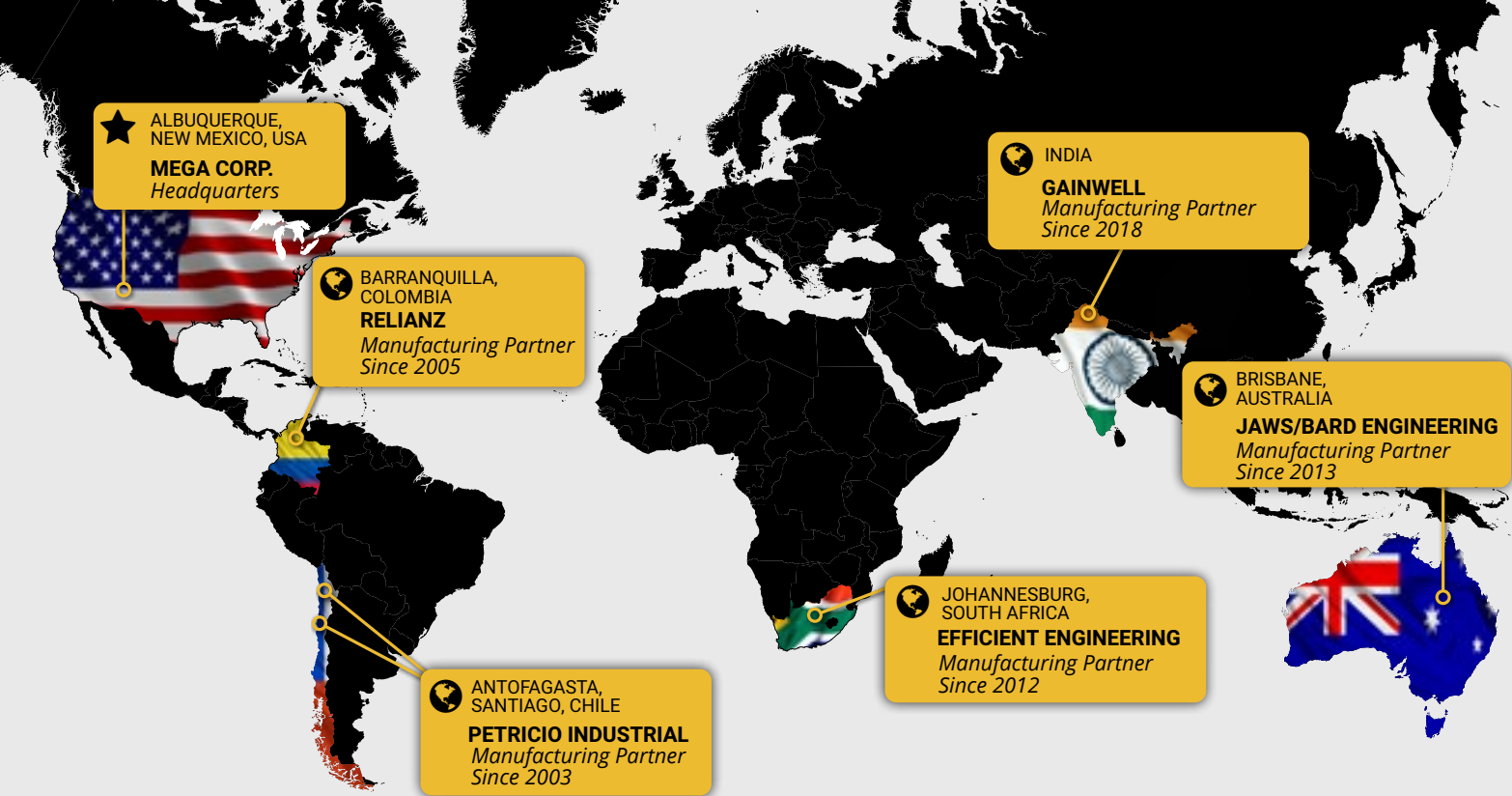
TRAILER FLEXIBLE BRAKE COOLING HOSES

Flexible brake cooling lines at the trailer axle help prevent tube damage while performing stockpile operations.



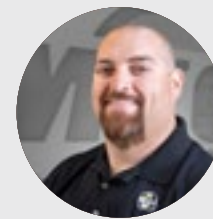
WRAP-AROUND BUMPER EXTENSION

The Mega heavy duty bumper extension with wrap-around design provides additional protection for the tires.



Meet your MEGA team!

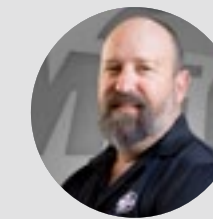
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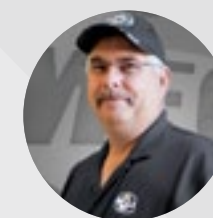
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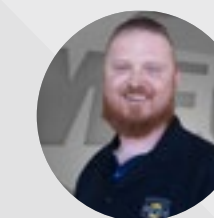
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We reach out **GLOBALLY** to take care of **YOU**

Wherever you are in the world, we're here to ensure you get the highest quality, most effective, and durable specialty haulage products in the industry. Mega is responsible for the design, development, manufacturing, marketing, and sale of products used in surface mining and construction projects worldwide.

Mega's products include all varieties of water haulage equipment, elevating scrapers, coal haulers, bottom-dump trailers, equipment transports, specialty dumper bodies, mobile pumps, stand tanks, parts, service and technical support. Mega's products are manufactured at its headquarters in Albuquerque, New Mexico, U.S.A. as well as by its partners in Chile, Colombia, India, South Africa, India and Australia.

Parts and Product Support available 24 hours a day, Seven Days a week.



PRODUCT SUPPORT AFTER HOURS & WEEKEND

Saturday-Sunday
505.341.6988 Direct



OFFICE HOURS

Monday-Friday 7am-5pm
505.345.2661 Office
800.345.8889 U.S. Toll Free



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For Your Business



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THERE'S WORK TO BE DONE



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