Custom Solutions for the Mining Industry
WHO WE ARE
For over 30 years, we have supplied the mining industry with tough, dependable, diverse products and world-class service. We do this by custom designing your equipment, engineering for the most rigorous use and manufacturing with the most durable materials available - all while listening to your needs along the way. Our mine equipment offers support and custom solutions for surface mining applications as well as heavy-duty construction.

Our aim is to provide you a total solution, a one-stop shop for all your support and custom equipment needs. Whether it’s fuel delivery, water distribution, cable handling, road maintenance or custom hauling, we do everything in our power to deliver exactly what you need to achieve the best results for your operation. Your 100% satisfaction is our goal.

OUR MISSION
Ground Force Worldwide establishes and builds relationships through listening to our customers, offering innovative solutions, honoring our commitments and exhibiting loyalty to our customers. In doing so, we are able to expand our brand, continue to offer opportunity to our employees and, bless our community through our success.

Luke Stavros
President
SURFACE MINING

3 FUEL & LUBE TRUCKS - RIGID FRAME
5 FUEL & LUBE TRUCKS - ARTICULATED
7 FUEL TRUCKS
8 LUBE TRUCKS
9 FUEL & LUBE SKIDS
11 WATER TRUCKS - RIGID FRAME
13 FOGGER TRUCKS
14 WATER TRUCKS - ARTICULATED
15 ROCK SPREADER (SANDER) TRUCKS
17 DUMP BODIES
19 CABLE REEL TRUCKS
21 CABLE REEL & TIRE MANIPULATOR SYSTEMS
22 STEMMING TRUCKS
23 ADDITIONAL FUEL & LUBE SOLUTIONS
24 SPECIALTY TRUCKS & EQUIPMENT
This 240-ton Ground Force Fuel and Lube Truck delivers 25,000 gal (94,635 L) of fuel, over 8,000 gal (30,283 L) of lubricants and coolant, and 3500# (1,587 kg) of grease and is the WORLD’S LARGEST Fuel and Lube Truck.

SPECIAL FEATURES
- Fuel delivery 120-300 GPM (454-1,135 LPM)
- Full product filtration
- Ground-level/remote-fill for all products
- Fully-baffled product tanks
- Heated product tanks available
- Product metering systems
- Product tank level gauges
- New and used filter storage
- Reel compartments at ground level
- Enclosed rear and/or side reel compartments
- Spring, hydraulic or electric reels available
- Enclosed, heated bodies for arctic-type climates
- Mine-site lighting packages
- Anti-slip walkways and handrails

PRODUCT AVAILABILITY & OPTIONS
(Capacities may vary depending on chassis size and weight distribution)
- Diesel fuel capacity from 4,000 gal. (15,141 L) to 25,000 gal. (94,635 L)
- New oil and coolant product capacity from 1,000 gal. (3,785 L) to 7,000 gal. (26,497 L)
- Grease bins from 800 lb. (363 kg.) to 3,500 lb. (1,306 kg.)
- Used oil and coolant tanks
- Air compressor with reservoir tank
- Optional high-pressure wash system
- Systems powered by chassis hydraulics or diesel-driven Auxiliary Power Unit (APU)
- Kidney-loop filtration systems

* FOR MORE INFORMATION GO TO GFWORLDWIDE.COM
SPECIAL FEATURES

- Fuel delivery 120-300 GPM (454-1,135 LPM)
- Full product filtration
- Ground-level/remote-fill for all products
- Fully-baffled product tanks
- Heated product tanks available
- Product metering systems
- Product tank level gauges
- Hydraulic operated pumps
- New and used filter storage
- Enclosed, heated bodies for arctic-type climates
- Enclosed rear and/or side reel compartments
- Spring, hydraulic or electric reels available
- GFW custom chassis frame-stretch available
- Mine-site lighting packages
- Anti-slip walkways and handrails

PRODUCT AVAILABILITY & OPTIONS

(Capacities may vary depending on chassis size and weight distribution)

- Diesel fuel capacity from 2,000 gal. (7,570 L) to 5,000 gal. (18,927 L)
- New oil and coolant product capacity from 500 gal. (1,892 L) to 2,000 gal. (7,570 L)
- Grease drum or large removable bin available
- Used oil tank (size determined by available space and weight distribution)
- Air compressor with reservoir tank
- Kidney-loop filtration systems
- Roll-over early warning system
Ground Force fuel tanks range in capacity from 2,000 gal. (7,570 L) to in excess of 20,000 gal. (75,708 L). They can be mounted onto virtually any chassis. We manufacture extreme-service fuel bodies with the ruggedness and reliability that have been proven, world-wide, throughout the mining industry.

**SPECIAL FEATURES**

- Rollover protection
- High-performance filtration package
- Fully-baffled, low-profile tank
- Spring, hydraulic and electric reels available
- Fuel metering packages
- Flow rates from 20-300 GPM (75-1,135 LPM)
- Hydraulic fuel pump
- Enclosed reel compartment (side or rear)
- Storage compartment
- Top-of-tank handrails available
- Exterior & interior lighting packages
- Diesel evac systems

*FOR MORE INFORMATION GO TO GF WORLDWIDE.COM*
Ground Force lube trucks offer you the perfect fit for your on-site preventative maintenance lubrication program. Our larger lube trucks are capable of full PMs on even the largest hydraulic shovels in operation today, minimizing down time and increasing productivity.

SPECIAL FEATURES
- Products include: oil, used oil, coolant, grease, air & water
- Product tank level gauges
- Product metering systems
- Fully-baffled product tanks
- Product filtration
- Ground-level/remote-fill for all products
- Enclosed rear and/or side reel compartments
- Spring, hydraulic and electric reels available
- Enclosed, heated bodies for arctic-type climates
- Exterior & interior lighting packages
- Tool & filter storage
- Kidney-loop filtration system
FUEL & LUBE SKIDS

Ground Force fuel and lube skids offer extreme versatility in delivering bulk diesel fuel and lubricants within your mining operation. We custom build skids to meet your needs no matter the circumstances.

SPECIAL FEATURES
- Run by mine power or optional gen-set
- Ground-level/remote-fill for product tanks
- Spring, hydraulic and electric reels available
- Insulated and heated units available for arctic-type applications
- 1-4 HVDF reels available (capable of fueling up to 4 haul trucks simultaneously)
- Transfer pumping systems available for loading product tanks
- Full product filtration
- Product metering systems
- Exterior & interior lighting
- Air compressor
- Washrooms available
- Fire suppression available
- Pressure wash systems available
- Optional fueling arm
- Kidney-loop filtration systems

STANDARD SPECIFICATIONS
LUBE/EQUIPMENT “DOG HOUSE”
- Includes machinery and product tank enclosure
- Mounted directly to heavy-duty skid frames
- Single or multiple reel rack assembly
- Built-in spill containment
- Office/break room with HVAC
FUEL TANKS/SYSTEM
- Double-wall certified tanks
- Mounted directly to skid frames
- Vents on primary and secondary tanks
- Sight gauges
- Leak detection system
- 120-300 GPM (454-1,135 LPM) flow rates
- High-efficiency filtration system
- Top-of-tank catwalk assembly

GFW catalog 2018-June.indd   10
0x0   7/30/2018   4:22:36 PM

• FOR MORE INFORMATION GO TO GF WORLDWIDE.COM
PRODUCT AVAILABILITY

- Diesel fuel capacity from 10,000 gal. (37,854 L) to 100,000 gal. (378,541 L)
- New oil & coolant total capacity from 2,000 gal. (7,570 L) to 10,000 gal. (37,854 L)
- Single or multiple grease bins 1,100 lb. (410 kg.) or 3,500 lb. (1,587 kg.)
- Used oil & coolant product tank size determined by available space
STANDARD TANK SPECIFICATIONS

- Dual-radius, semi-elliptical design
- Built for heavy mining application
- Endo-skeleton, designed with structural I-beams for extended life and stability
- Fully-baffled; longitudinal and transverse
- Custom-engineered “tub-surge” control system
- Designed to achieve lowest center of gravity
- Banded manway with safety grate
- Ladder with safety rail
- Water shedders on front head
- Anti-skid top walkway with PPE tie-off
- Sump with drain for clean out
- Sealed, weatherproof wiring
- Tail, stop and turn lights
- Kit form or GFW installation available

GROUND FORCE WATER CONTROL SYSTEM (WCS)

- Externally-mounted, high-performance water pump
- Digital in-cab control monitor
  - Programmable menu with (4) preset spray settings
  - Intermittent spray settings for wet-strip, dry-strip watering
  - On-the-fly, one-touch control for change of individual spray heads
  - Backlit LCD screen for low-light operations
- Integration of an extensive range of options
  - Rear spray bar with (4) staggered fan-sprays
  - Side sprays, hose reels, water cannons, & gravity dump
- Optional heated component enclosure for arctic applications
- Optional fire foam system

IN-CAB CONTROLS COMPATIBLE WITH WATER & ROCK SPREADER TRUCKS

All Ground Force Water Trucks come equipped with the in-cab controls allowing precise delivery of water at the touch of your fingertips. With a programmable display, setting up for your operators is a cinch. This innovative technology allows for easy change-over to your Ground Force Rock Spreader body, as the system is interchangeable with the Water body as a plug and play feature.
Ground Force watering equipment plays an integral part in the most demanding mining projects. Investing in our quality watering equipment pays for itself in durability, performance and reliability. Capacities from 9,000 to 60,000 gal. (34,069 - 227,125 L)

WORLD’S LARGEST - Ground Force designs and manufactures the longest-lasting, most durable water tanks in the world, with capacities up to 60,000 gal. (227,124 L), featuring a range of options.
GROUND FORCE FOGGER TRUCKS - Tackle your toughest dust suppression issues with the integration of innovation that reduces water consumption significantly, and can reach over 300 feet (92 m).

GROUND FORCE FOGGER TRUCK
- Built to standard GFW rigid frame tank specifications
- Heavy-duty rear deck assembly engineered into framework
  - Safety handrails, traction control, and PPE tie offs
- (2) Dust control misting cannons
- 135kw Genset (runs misting cannons independent of chassis)
- (2) Water primer pumps (electric-driven)
- Cannon controls, main box and electrical panels
- Kit form or GFW installation available
- Optional Ground Force WCS spray system
Ground Force Articulated Water Trucks offer rugged durability, with capacities from 5,000 (18,927 L.) to 8,000 gal. (30,283 L), and a range of options. Our articulated water trucks are the clear solution for the most demanding projects in all types of mining and heavy construction applications.

STANDARD TANK SPECIFICATIONS
- Dual-radius, semi-elliptical design
- Built for heavy mining application
- Endo-skeleton, designed with structural I-beams for extended life and stability
- Fully-baffled; longitudinal and transverse
- Custom-engineered “tub-surge” control system
- Designed to achieve lowest center of gravity
- Banded manway with safety grate
- Ladder with safety rail
- Anti-skid top walkway with PPE tie-off
- Sump with drain for clean out
- Sealed weatherproof wiring
- Optional roll-over early warning system
- Tail, stop and turn lights
- Kit form or GFW installation available

GROUND FORCE WATER CONTROL SYSTEM (WCS)
- Externally-mounted, high-performance water pump
- Digital in-cab control monitor
- Programmable menu with (4) preset spray settings
- Intermittent spray settings for wet-strip, dry-strip watering
- On-the-fly, one-touch control for change of individual spray heads
- Backlit LCD screen for low-light operations
- Integration of an extensive range of options
- Rear spray bar with (4) staggered fan-sprays
- Side sprays, hose reels, water cannons, & gravity dump
- Optional heated component enclosure for arctic applications
- Optional fire foam system

Ground Force WCS 2.0

Wet-strip, dry-strip

Ground Canon reaches up to 150 feet (45.75 m)
STANDARD SPECIFICATIONS

- Custom-sloped body design for optimum material flow
- Body constructed of Hardox® and Weldox® steel for durability and longevity
- Fully heated and insulated hoppers available
- Dual, variable-speed rotary casting wheels
- Directional casting guards to protect underbody components
- Low-profile, hydraulically-operated “grizzly” with custom screen
- Optional heavy-duty, extreme-service vibrators
- In-cab momentary switches to prevent prolonged vibrator operation
- Mine-site lighting package
Ground Force heavy-duty Rock Spreader bodies play a critical role in your haul road maintenance and traction-control needs. They are sized to fit today’s mining-class chassis and designed to easily switch out with your Ground Force water body as seasons change.

This 240-ton rock spreader body is installed on a Cat® 793 Off-Highway Truck Bare Chassis.

IN-CAB CONTROLS COMPATIBLE WITH WATER & ROCK SPREADER TRUCKS

All Ground Force Water Trucks come equipped with the in-cab controls allowing precise delivery of water at the touch of your fingertips. With a programmable display, setting up for your operators is a cinch. This innovative technology allows for easy change-over to your Ground Force Rock Spreader body, as the system is interchangeable with the Water body as a plug and play feature.
STANDARD SPECIFICATIONS & OPTIONS

- Innovative semi-elliptical dump bed design for maximum strength and easy material release
- Purpose-built body for maximum payload
- Engineered with the lowest possible center of gravity
- Designed to minimize visual interference during operation
- Body built with Hardox® 450
- Body Bolsters built with Strenx® 700
- Dished front head for strength and ZERO carry-back
- Rolled, extended canopy for strength and protection
- Reduced load impact on operator due to body design
- Multiple liner packages with custom placement

FEATURES & BENEFITS

- High ROI - low upfront cost with high payback
- Increased payload - Lightweight design allows for more paydirt
- ZERO carry-back - Increased speed / less tire wear / more material moved
- ZERO spill rock - Less cleanup on haul roads and dumps
- Quick release of material - Faster cycle times / Less cleanup
- Centeredness of load (semi-elliptical design)
  - Design is operator friendly with large target area
  - Less wear and tear on tires and struts with centered load
- Custom designs available to meet individual specifications
- Designed to be transported in site specific multi-piece configurations with sub-frame and rear pin bosses pre-mounted and line-bored before delivery

PATENT-PENDING DESIGN

This custom state-of-the-art, semi-elliptical shape provides maximum strength with reduced overall weight, all while achieving a low center of gravity for safe and efficient production. The patent-pending overlap design guarantees the best available ROI and payload capacity for your operation by greatly reducing your carry-back and spill rock. Patent-pending design.
Designed to be transported in site specific, multi-piece configurations. Shown above are dump bodies designed in (2) piece arrangement.
Ground Force Cable Reel trucks are engineered to self-load, place and retrieve electric shovel cable quickly and safely. Our line of bodies allows our customers to utilize the vehicle chassis of choice for on-road or off-road use. Available with or without the self-loading crane and additional reel storage. Ground Force cable reel bodies are your best value in cable handling.

**SPECIAL FEATURES**

- Hydraulic-operated arm allows precise cable placement away from traffic and lowers to the ground for easy pothead loading
- Functions can be controlled by: joystick in chassis cab; by operator located in on-deck guarded station; or by wireless remote from the ground
- Standard reels feature capacity: 1,000 ft. (304 m) to 3,200 ft. (975 m)
- Level-wind apparatus allows for even placement of cable on spool
- Adjustable reel speed
- Self-loading reel (optional)
- Reel turn table rotates hydraulically 180 degrees
- Heated and cooled, enclosed operator stations available
- Heavy-duty bumpers with cable hooks
- Anti-skid walkways & handrails
- Mine-site lighting package
- Ground-level storage boxes
- Optional ROPS structure over cab
- Custom designs available
CABLE REEL ATTACHMENT - HEAVY-DUTY
CABLE PAYOUT AND RETRIEVAL SYSTEM
- Mounts (pins) to wheel loader or dozer
- Picks standard GFW drums (not included)
- “Lift and Go” drive system
- Optional drum assembly
  - Capacity range: 892-1552 ft (271-473 m)
  - Heavy-duty excavator style layout boom
  - 270° HD rotation drive system
  - 23’ (7 m) reach at ground level
- Cable grapple with 360° continuous rotation
- 7 function control valve & 3 LED lights
- Proportional dual wired & wireless controls

TIRE MANIPULATOR ATTACHMENT
- Mounts to wheel loader, forklift or telehandler
- Capacities range from 10,000 to 30,000 lbs.
  (4,535 to 13,607 kg)
- Integral 12 - 14” (30-35 cm) side shift (+/- 6”)
- 5° main body rotation (37.5° +/- of center)
- 60° continuous heavy duty worm drive OR 360° continuous planetary drive tire pad rotation (model dependant)
- Rim component grip pads
- Manual roll back protection arms (fall arrest)
- Parallelogram arms at varying open-close span
- 4-function hydraulic control valve
- In-cab control handle with wiring harness
- Manual central greasing
- Optional “Bearing Fail Safe” secondary restraint

FOR MORE INFORMATION GO TO GFWDOM.COM
Ground Force stemming trucks ensure you get the best ROI from your drilling and explosives strategy. Our bodies are proven, reliable and working in mines around the world. Proper stemming actually “locks” in the borehole when the powder column detonates, confining the explosives’ energy. The result is better fragmentation which allows for increased borehole spacing and decreased explosive consumption, higher productivity and lower costs.

SPECIAL FEATURES
- Extendable cross conveyor allows precise material placement
- In-cab, mounted operating controls (single operator capability)
- Hydraulic-operated “grizzly” screen to filter out oversized material
- Body vibrators to dislodge bridged material
- Capacities starting at 15 cu. yds. (11.5 cu. m)
ADDITIONAL FUEL & LUBE SOLUTIONS

Conventional Fuel and Lube Truck

In Shop Reel Station

Lube Module

* FOR MORE INFORMATION GO TO GF WORLDWIDE.COM
YOUR TOTAL SOLUTION

Ground Force offers the TOTAL SOLUTION for your support and custom mining equipment. Partnering with world-class OEMs like ourselves allows us to be your one-stop-shop.
Carbon Hauler Truck

Water Pull

MAG Chloride Body

Ice Road Truck

Ice Road Truck Insulation

FOR MORE INFORMATION GO TO GFWorldwide.com
We offer a diverse range of solutions for surface mining applications, with equipment working in more than 60 countries across the world.