

PURPOSE-BUILT MINING EQUIPMENT



As a critical component of underground mining operations, **GETMAN SCISSOR LIFTS** provide reliable production support across multiple applications, including electrical installations, ventilation and fan systems, pipe and ducting placement, and ground support operations.

Getman's A64 SL Hanger is purpose-built to safely facilitate the installation and repair of utility pipe, ventilation fan and other infrastructure components in underground operations. The platform cradle supports mine fans or utility pipes for secure transport. Hydraulic extension pipe jacks allow for vertical and angular adjustment of the pipe. The pipe hanger arms pivot

across a wide arc, giving the operator positioning flexibility and precise placement while securing the pipe during coupling and fastening. Pipe is transferred safely from the deck to the pipe jack grapples with the deck mounted crane without lowering the platform.

A64 fan/pipe hangers protect worker safety through purpose-built design, eliminating the need for improvisation when installing pipe and vent components underground. All scissor lifts come standard with fall arrest anchor points, and all controls are located outside of the working area to minimize the risk of unintentional movements.



TECHNICAL SPECIFICATIONS

ENGINE

- Stage V/ T4F Approved Cummins B 4.5 - 129kW (173 hp)
- Tier III approved engine (4 cylinder)
 - › Cummins QSB4.5, 127kW (170hp)
- Liquid-cooled, turbocharged
- 113 L (30 gal) fuel tank with self-closing cap
- Ansul LVS FSS, tied to engine shutdown

EXHAUST SYSTEM

- Exhaust after-treatment

TRANSMISSION

- Dana Clark powershift transmission
- Three speeds forward and reverse
- 4-wheel drive

AXLES

- Planetary drive axles
 - › Kessler S72 axle package

TIRES

- Mine service tires
 - › 12.00x20

BRAKE SYSTEM

- Service brakes are spring-applied, hydraulic-released, liquid-cooled multi-disc brakes on all wheels.
- Automatic brake application (ABA) occurs upon fire suppression activation or loss of hydraulic accumulator pressure, transmission pressure or electrical power

STEERING

- Orbitrol controlled articulated frame steering
- Heavy-duty, self-aligning bearings inside replaceable inserts
- Two double-acting steer cylinders with replaceable bushings in cylinder and frame ears

HYDRAULIC SYSTEM

- Hot side/cold side engine layout
- Hydraulic hoses routed to cold side of engine
- Open or closed center hydraulic circuits
- Diagnostic test ports with quick couple fittings for: each axle, service and park brake pressure, and hydraulic pumps
- 10-micron return filter
- 151 L (40 gal) hydraulic reservoir

OPERATOR COMPARTMENT

- Three-point contact for entry and exit
- ROPS/FOPS certified canopy
 - › Open cabin
 - › Enclosed cabin with HVAC
- Operator + passenger seating
- Mechanical suspension operator seat
- Retractable lap seat belts

INSTRUMENTATION

- Engine coolant temperature
- Voltmeter
- Hour Meter
- Tachometer
- Transmission charge pressure
- Transmission oil temperature
- Brake accumulator pressure gauge
- Brake accumulator low-pressure warning
- Park brake applied indicator light
- Audio/visual alert for high engine temperature
- Visual alert for low engine oil pressure
- Transmission hours
- Transmission neutralizer
- Audio/visual alert for low hydraulic tank level
- Visual alert Engine ECM

ELECTRICAL SYSTEM

- 24 V electrical system
- Lockable master switch (isolator)
- Maintenance-free batteries
- LED lighting package (IP69K rated)
- Sealed connectors
- Braided outer jacket harness protection

OTHER GENERAL EQUIPMENT

- Variable audio backup alarm (87-112dBA)
- 2.3 kg (5 lb) fire extinguisher
- Wheel chocks
- Manual actuated Ansul LVS FSS tied to engine shutdown

OPTIONAL EQUIPMENT

- Wiggins fill system
- Brake Cooling Package
- Lincoln auto-lubrication package
- Ansul Checkfire automatic actuation fire suppression system with linear detection loop
- Door and/or seat belt interlocks
- SICS (Stabilizer Interlock Control System) package, with load-engagement sensors

SCISSOR LIFT SYSTEM*

SCISSOR LIFT SETUP

- 2.13 m × 4.57 m (7 ft × 15 ft) platform with non-skid deck
- Platform capacity of 3,084 kg (6,800 lb)
- Safety railing with midrail
- Platform access when lowered; self-closing access door
- 610 mm (24 in) hydraulic stabilizers with internal pilot check valves
 - › Optional 1220 mm (48 in) hydraulic stabilizers
- Engine start/stop & E-stop on platform
- Fire suppression actuator on platform
- Dual controls for platform elevation, one on platform, one in cab on main display
- Electric stabilizer controls located in cab on main display
- Counterbalance valves on lift cylinders, and emergency lowering pump-off package
- Deadman control for operating scissor mechanism. Warning alarm sounds when lowered

PLATFORM & PIPE HANGING SETUP

- Pipe jacks with grapples to handle maximum 6.1 m (20 ft) long, 200 mm (8 in) schedule 80 pipe
- Utility and pipe crane mounted on platform
- 2x sets tie-down hooks and 3x cradles for pipe and fan payload
- Two storage boxes on platform deck with lids and cleanout holes
- Under deck storage with cleanout holes
- Three Vick clamp post for 50 mm (2 in), 101 mm (4 in), and 152 mm (6 in) clamps
- 6x platform fall protection D-Rings

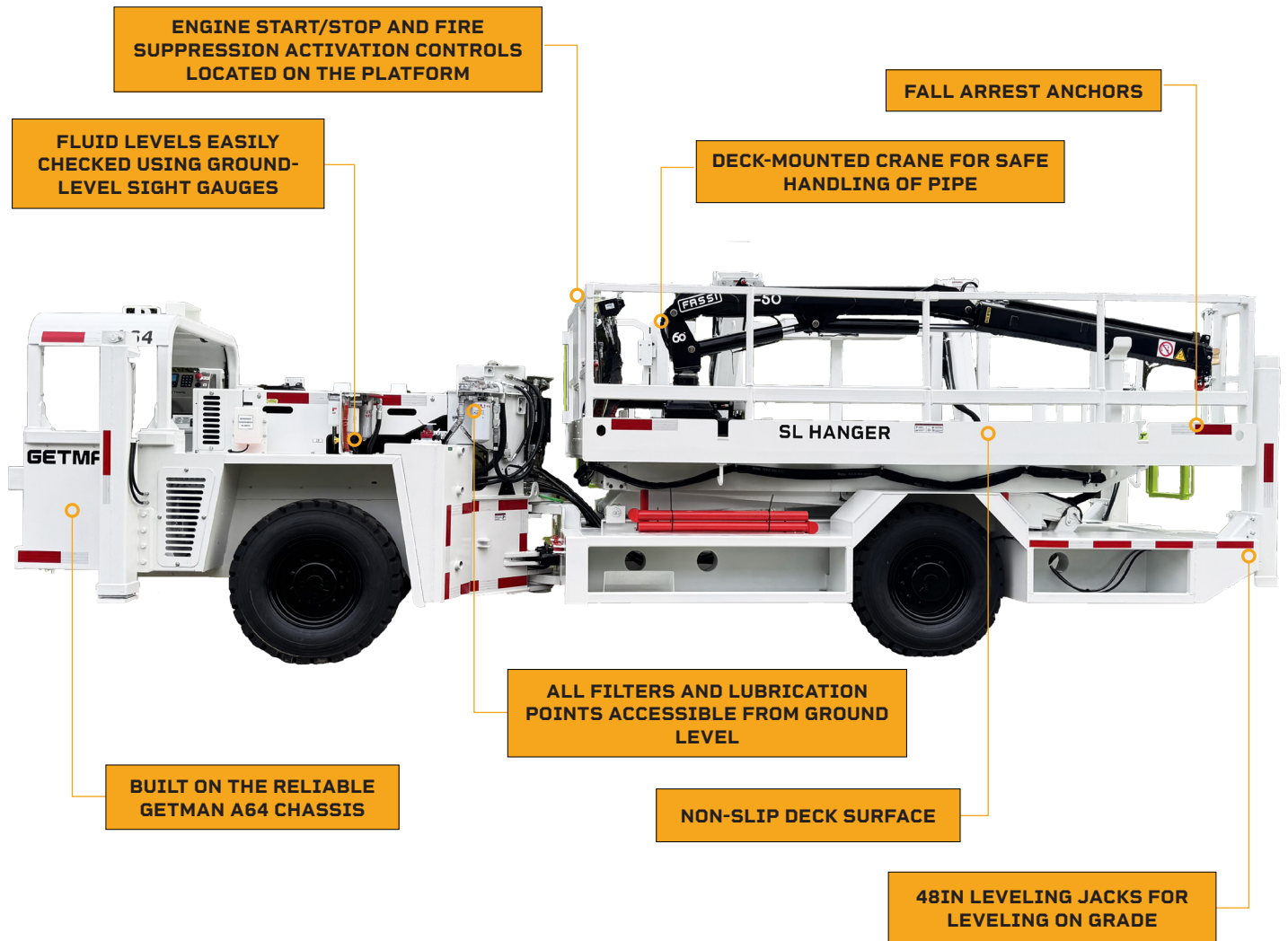
SE (SIDE ENTRY) UPGRADE

- 2-door, side entry, cabin
- Optional enclosed pressurized cab with cabin filter
- Forward & side facing swivel driver seat with armrests, mechanical suspension
- Two sets of pedals
- Joystick steering control
- Distributed Control electrical system
- Enhanced interactive display with a large-format screen
- Vehicle performance monitoring with on-screen gauges and diagnostics

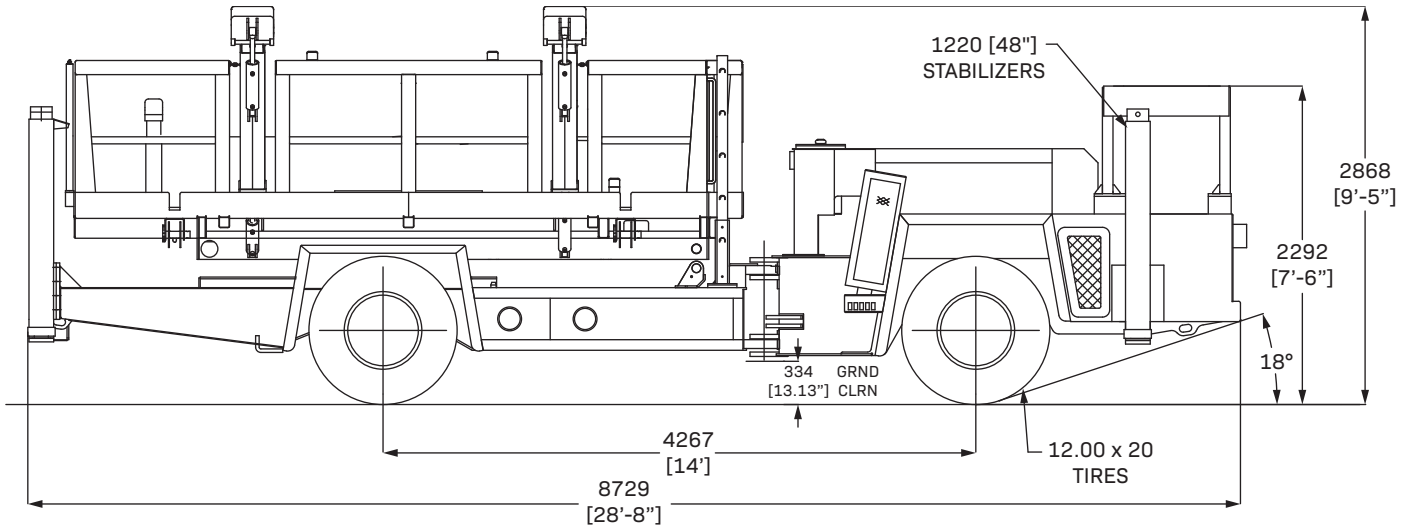


*Consult Getman for special configurations

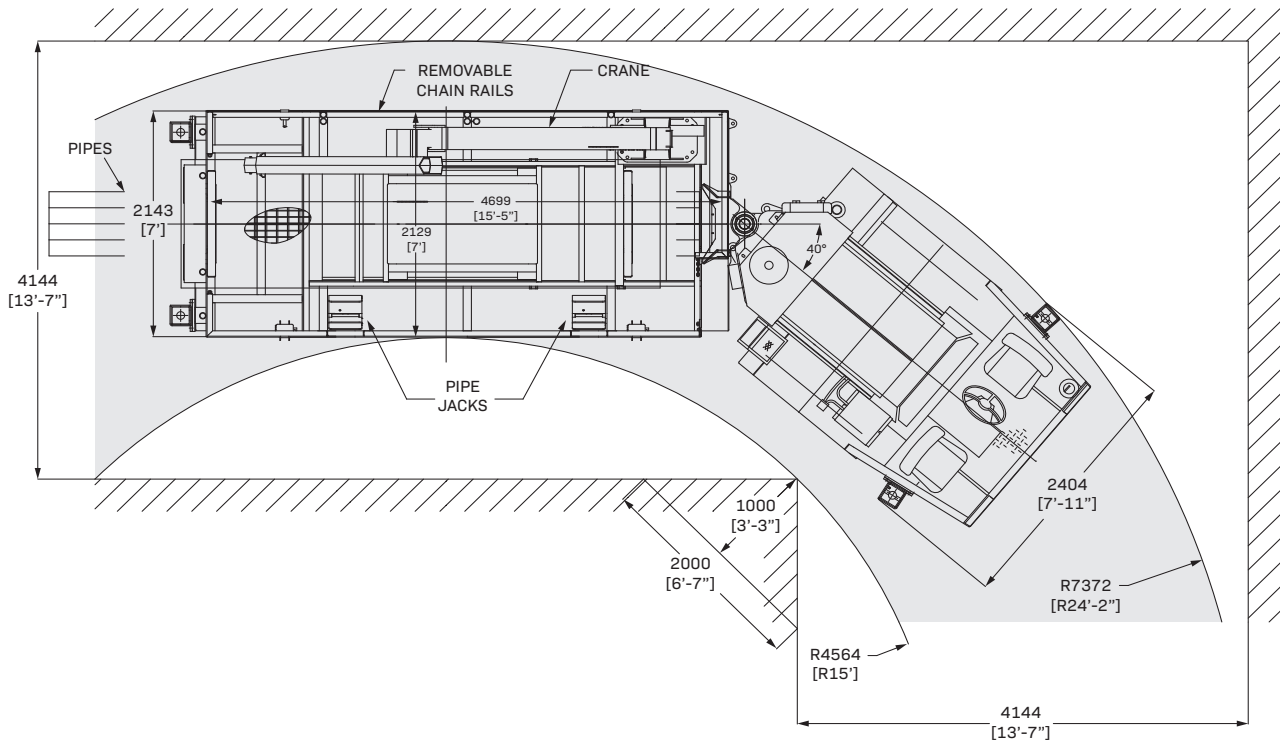
DESIGN FEATURES AND LAYOUT



FRONT ENTRY DIMENSIONS AND MANEUVERABILITY

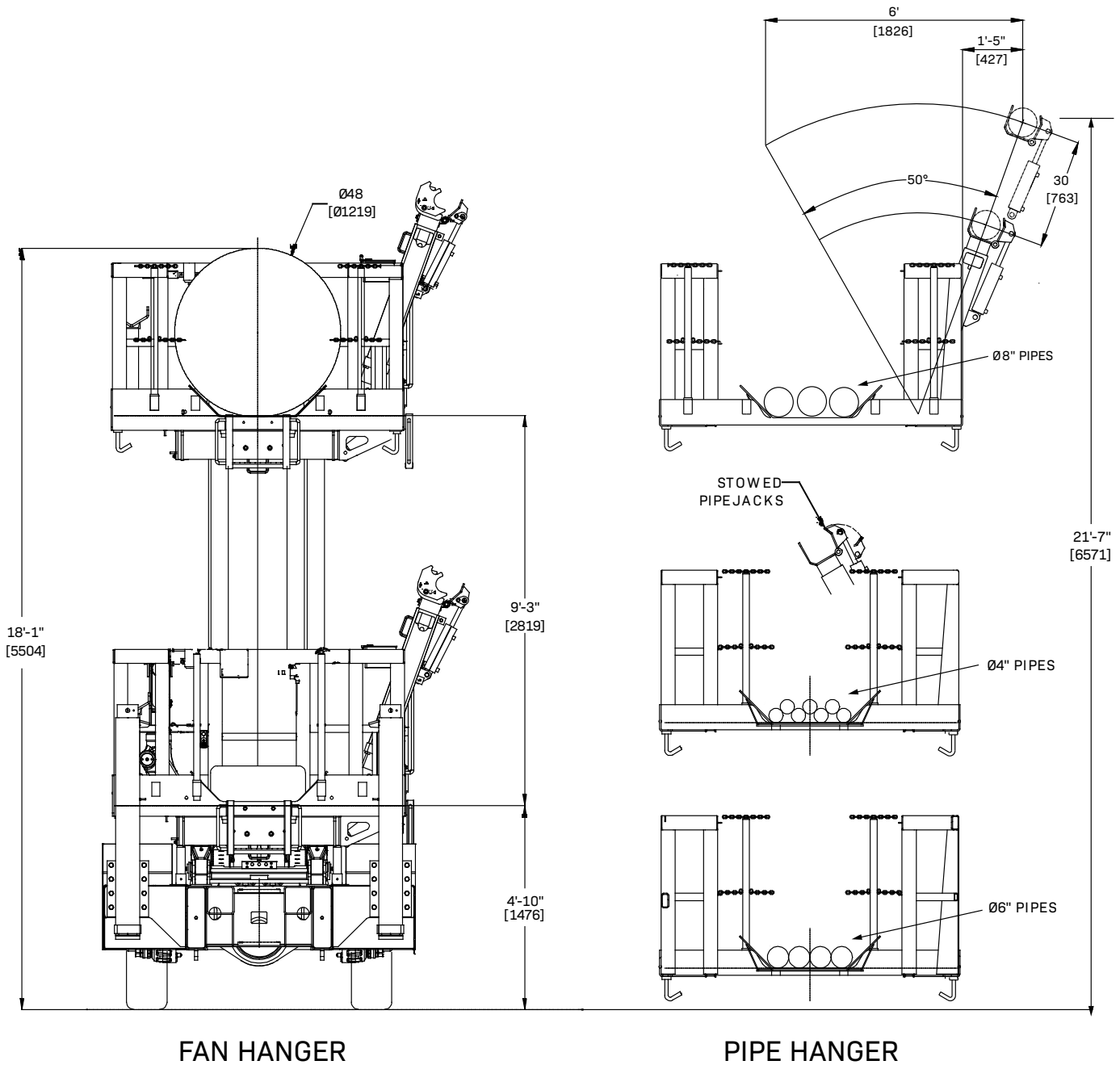


MACHINE LENGTH	8729 mm	344 in
WHEELBASE LENGTH	4267 mm	168 in
GROUND CLEARANCE	334 mm	13.13 in
MACHINE HEIGHT (Canopy)	2292 mm	90 in
MACHINE HEIGHT (Platform)	2868 mm	113 in



MACHINE WIDTH	2404 mm	95 in
PLATFORM WIDTH	2129 mm	84 in
PLATFORM LENGTH	4699 mm	185 in
INNER TURNING RADIUS	4564 mm	180 in
OUTER TURNING RADIUS	7372 mm	290 in

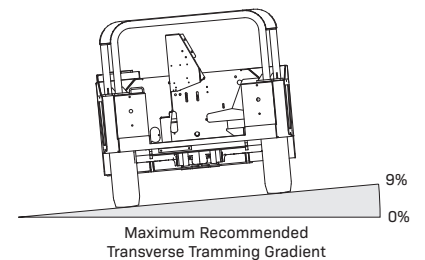
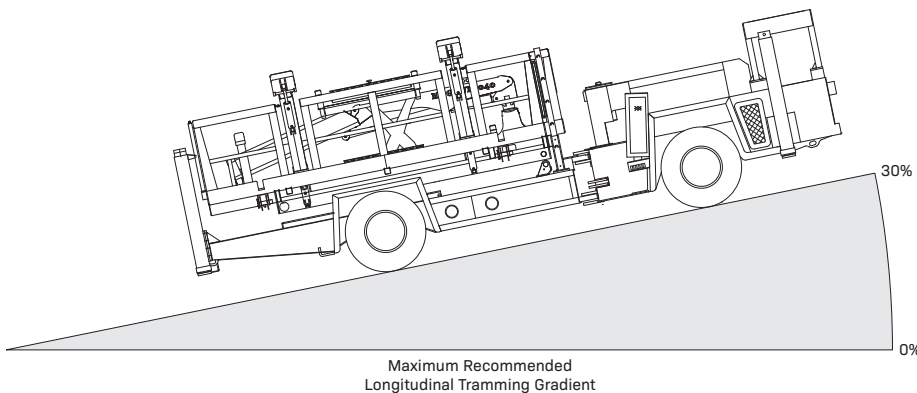
DIMENSIONS AND MANEUVERABILITY



ENGINE AND PERFORMANCE

CUMMINS QSB4.5 ENGINE PACKAGE

MANUFACTURER	Cummins
MODEL	QSB4.5
STAGE	Tier III
DESIGN	4 Cylinders in line, water cooled
MAX POWER	127 kW (170 hp) @ 2200 rpm
EXHAUST SYSTEM	Catalytic exhaust conditioner and silencer
ASPIRATION	Turbocharged
FUEL CONSUMPTION	243 g/kW-hr (0.399 lb/hp-hr)





ABOUT GETMAN CORPORATION

Getman Corporation is a global supplier of mobile equipment to the mining industry, offering customer-specific solutions to underground mines in the production and production support classes of equipment. All Getman equipment is designed with extensive research and development and is supported by over seventy years of experience in serving the underground mining industry.

Through our network of distributors we sell and support our products on six continents, offering exceptional product solutions and following up with world class aftermarket support. At Getman Corporation, designing and building vehicles for the underground mining industry is what we do. We take pride in being the preferred supplier of underground production and

production support equipment to miners globally by offering customer-specific, value-driven and long-lasting solutions. For more information contact your Getman distributor or email us at info@getman.com, or visit our website at getman.com.

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Pictured machines in this document may contain optional and additional equipment.

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