

### PURPOSE-BUILT MINING EQUIPMENT



**GETMAN CABLE STRINGERS** are purpose-built mining vehicles designed to facilitate safe installation and recovery of electrical and communication cable in underground mining operations. Cable stringers drive value by facilitating safe and efficient cable installations, and are also used in the removal of installed cable from areas of the mine where that cable is no longer needed, allowing for recouped materials costs and environmental credits for the reuse of materials.

Getman's A64 Cable Stringer-S is designed to hang cable in tunnels with back heights ranging from 3.5 m high to 6.2 m high (11.5 ft to 19.5 ft), and has an onboard

hydraulically powered cable spool allowing for a wide range of cable size and length to be transported by the machine. The 225 kg (500 lb) basket provides ample capacity for a worker and all required materials for cable stringing.

A64 cable stringers protect worker safety through purpose-built design, including fall arrest anchor points in all elevated work platforms. Machine stability is ensured through a simple system of steer and boom limitation, and counterbalance valves ensure a gradual and controlled decent of the boom in the unlikely event of a damaged hydraulic hose.



## TECHNICAL SPECIFICATIONS

### ENGINE

- Tier III approved engine - 4-cylinder
  - › Cummins QSB4.5, 127 kW (170 hp) @ 2200 rpm
- Stg V optional approved engines - 4-cylinder
  - › Cummins QSB4.5, 122 kW (163 hp)
- Liquid-cooled, turbocharged
- 113 L (30 gal) fuel tank with self-closing cap

### EXHAUST SYSTEM

- Exhaust after-treatment

### TRANSMISSION

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

### AXLES

- Planetary drive axles
  - › Heavy-duty Kessler S41 axle package

### TIRES

- Mine service tires
  - › 10.00×20-16pr

### BRAKE SYSTEM

- Wet disc brakes, spring-applied hydraulic release also function as secondary and park brake
- Automatic secondary brake application upon loss of brake 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
- 40° articulation each direction

### HYDRAULIC SYSTEM

- Hot side/cold side engine layout
- Hydraulic hoses routed to cold side of engine
- Open center hydraulic circuits with gear hydraulic pump
- Diagnostic test ports with quick couple fittings for: each axle, service brake application 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 compartment
  - › Open canopy
  - › Enclosed cabin with heater and air conditioner
- Operator and passenger seating
- Mechanical suspension operator seat
- Retractable lap seat belts

### INSTRUMENTATION

- Engine and transmission gauges
- Engine temperature
- Engine oil pressure
- Voltmeter
- Hour meter
- Tachometer
- Transmission clutch pressure
- Converter temperature
- Brake accumulator pressure gauge
- Brake accumulator low-pressure warning
- Park brake applied warning light
- Audio/visual alert for high engine temperature
- Audio/visual alert for low engine pressure

### ELECTRICAL SYSTEM

- 24 V, Getman Electrical Modular System
- Lockable electrical master switch (lockout)
- Maintenance-free 12 V batteries
- LED lighting package (IP69K rated): two 900 lm front headlights, two 900 lm rear headlights
- Sealed and oil resistant wiring
- Fully sealed connectors
- Fully sealed electrical boxes

### OTHER GENERAL EQUIPMENT

- Variable audio backup alarm (87-112dBA)
- 2.3 kg (5 lb) fire extinguisher
- Wheel chocks
- Strobe light
- Ansul fire suppression system tied to engine shutdown

### OPTIONAL EQUIPMENT

- Wiggins fill system
- Lincoln auto-lubrication package
- Ansul Checkfire automatic actuation fire suppression system with linear detection loop

### CABLE HANGING SYSTEM\*

#### CABLE HANGING PACKAGE

- On board Reel mounted near articulation joint
- Cable reel suitable for 500m (1640ft) @ 44mm  $\phi$  (1.75") cable
- Safety railing with manual retractable roller cross bars to support cable guiding
- Air spring drive wheel
- Joystick controlled variable speed reel drive with safety detent to neutral when released
- Dual reel drive controls located in cabin and in basket
- Cable rollers and guides mounted on all boom sections and the basket

\*Consult Getman for special configurations

### MAN-LIFT PACKAGE\*

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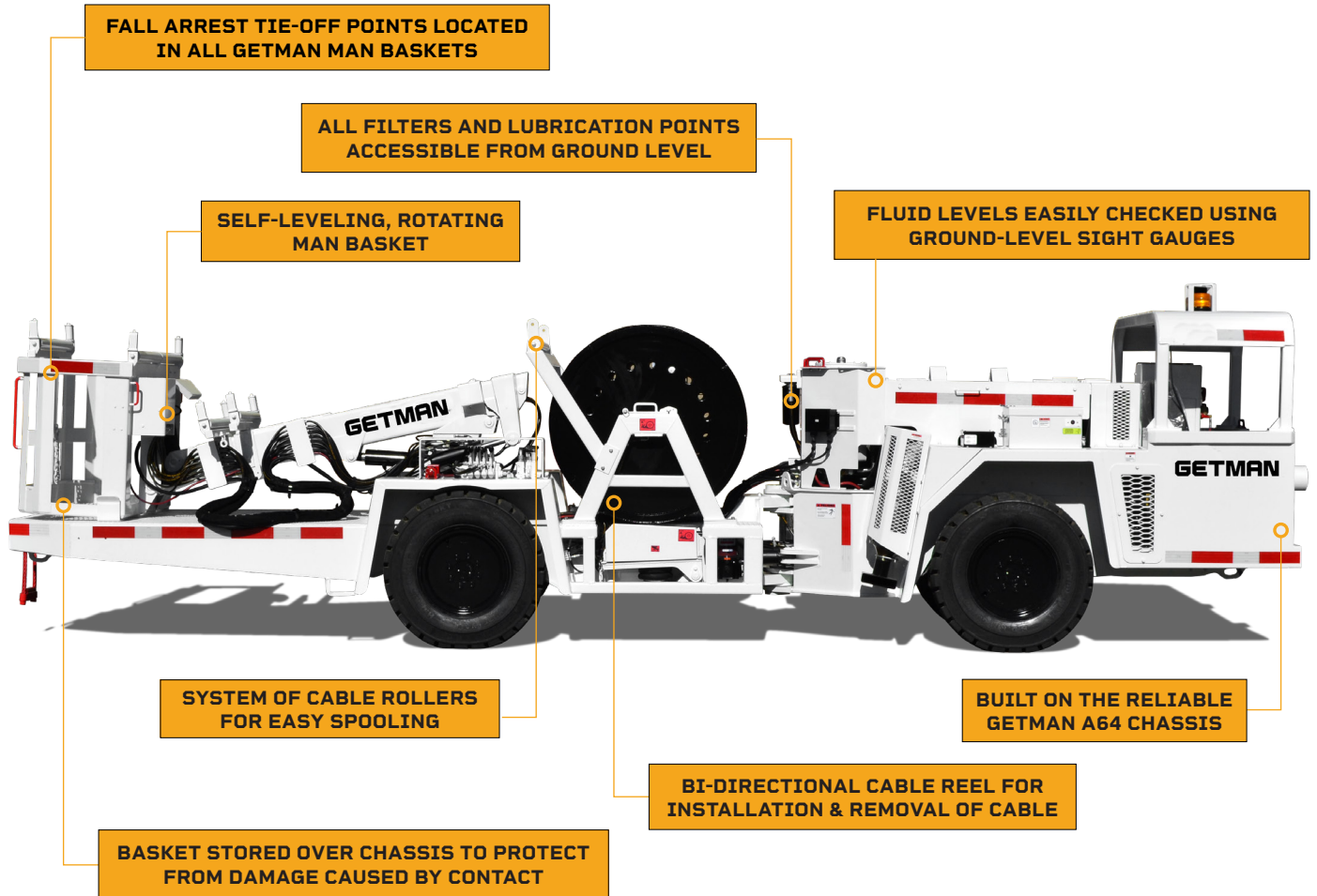
- Getman telescopic boom with counterbalance valves and 2800 mm (110 in) hydraulic extension
- Dual boom and basket controls with lower controls mounted at fender and upper controls (pilot hydraulic) mounted in man basket
- Self-leveling, non-rotating man basket with 227 kg (500 lb) capacity, non-skid deck, and fall arrest tie-offs
- Horn
- Engine start and engine stop in man basket
- Fire suppression actuator in man basket

#### STABILITY

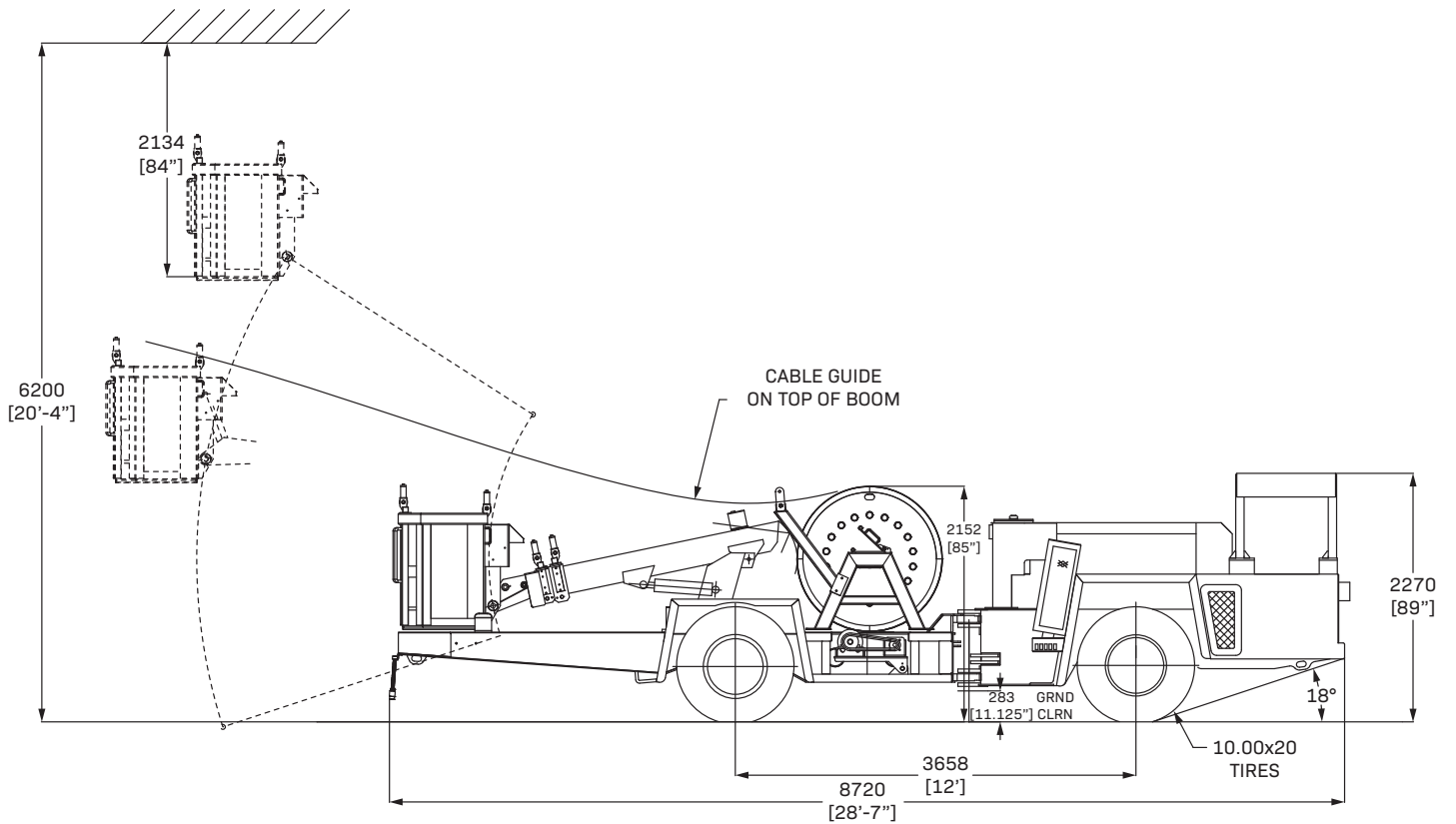
- Boom slewing limited to +/- 11° to maintain stability without hydraulic stabilizing jacks

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### DESIGN FEATURES AND LAYOUT

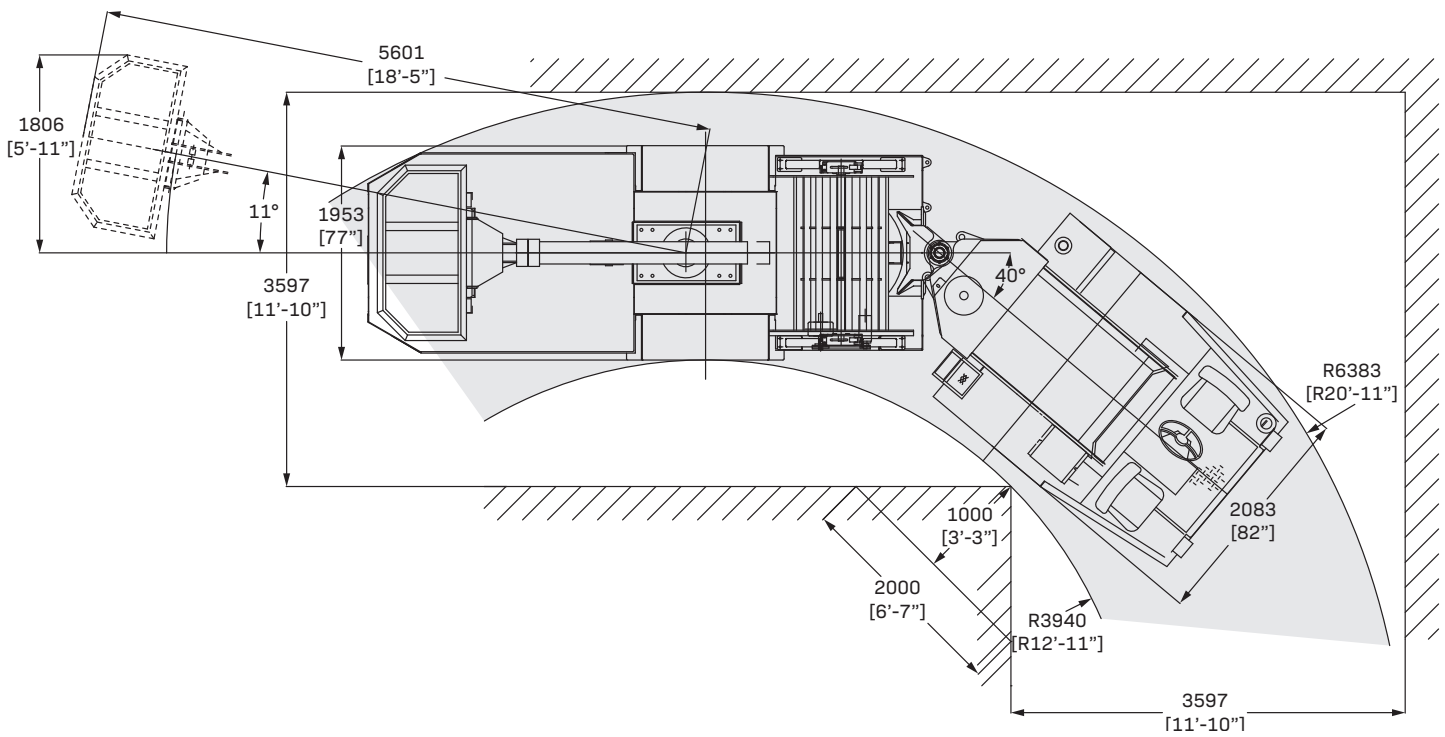


## DIMENSIONS AND MANEUVERABILITY



<b>MACHINE LENGTH</b>	8720 mm	343 in
<b>WHEELBASE LENGTH</b>	3658 mm	144 in
<b>GROUND CLEARANCE</b>	283 mm	11.125 in
<b>MACHINE HEIGHT</b>	2270 mm	89 in

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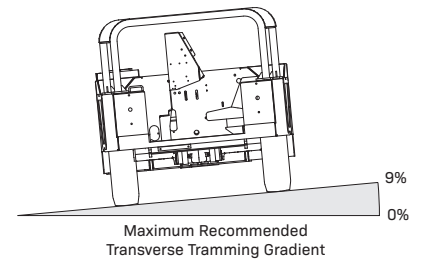
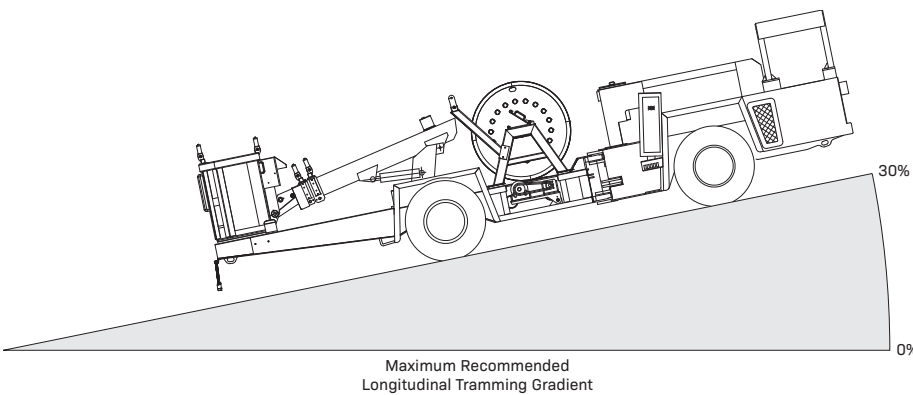
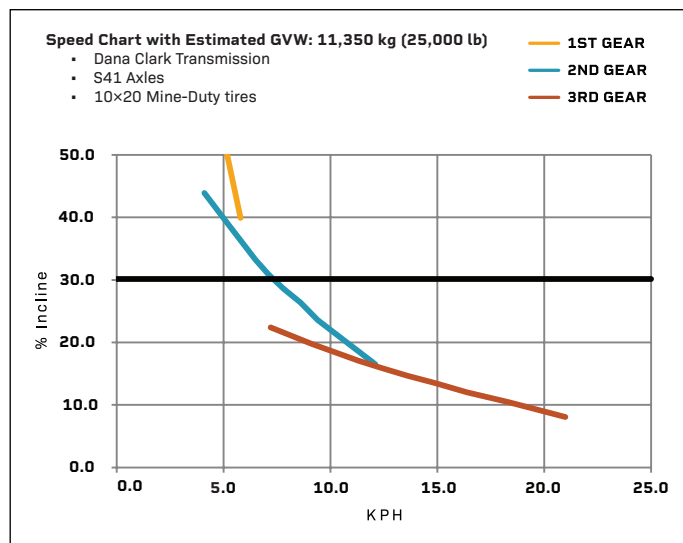


<b>MACHINE WIDTH</b>	2083 mm	82 in
<b>INNER TURNING RADIUS</b>	3940 mm	155 in
<b>OUTER TURNING RADIUS</b>	6383 mm	251 in

## ENGINE AND PERFORMANCE

### CUMMINS QSB4.5 ENGINE PACKAGE

<b>MANUFACTURER</b>	Cummins
<b>MODEL</b>	QSB4.5
<b>STAGE</b>	Tier III
<b>DESIGN</b>	4 Cylinders in line, water cooled
<b>MAX POWER</b>	127 kW (170 hp) @ 2200 rpm
<b>EXHAUST SYSTEM</b>	Catalytic exhaust conditioner and silencer
<b>ASPIRATION</b>	Turbocharged
<b>FUEL CONSUMPTION</b>	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](mailto:info@getman.com), or visit our website at [getman.com](http://getman.com).

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

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