

## PURPOSE-BUILT MINING EQUIPMENT



**GETMAN UNDERGROUND CONCRETE TRANSPORTERS** are purpose-built to maintain maximum reliability and uptime in harsh underground environments, delivering concrete where it is needed when it is needed. Purpose-built concrete transport vehicles are critical to ground support functions and construction works, and contribute to development and production advances by supporting shotcrete applications.

Getman's ProMix 9 features a horizontal drum mixer with 7.0 m<sup>3</sup> (9 yd<sup>3</sup>) concrete transport capacity, and drum tilt mechanism to enhance concrete discharge on inclines and declines. Getman Remixers

include variable-speed hydraulically driven drums with bidirectional drum rotation, separate rotation speed and rotation on/off controls for optimal discharge control.

ProMix concrete transport vehicles maximize worker comfort and safety by providing multi-directional seating for the operator, enabling forward-facing for forward tramming, and side-facing for reverse tramming. An optional dual side-view camera system enhances safety for both mine personnel and equipment, while additional work area lighting illuminates the rear working area for optimal safety.



## TECHNICAL SPECIFICATIONS

### ENGINE

- Stage V/ T4F Approved Cummins B 6.7 - 168kW (225 hp)
- Tier III approved engine (6 cylinder)
  - › Cummins QSB6.7, 164kW (220hp)
- Liquid-cooled, turbocharged
- 151 L (40 gal) fuel tank with self-closing cap, sight gauges, and fuel/water separator

### EXHAUST SYSTEM

- Exhaust after treatment

### TRANSMISSION

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

### AXLES

- Kessler S82 planetary drive axle package

### TIRES

- 17.50 x 25 mine service tires

### 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
- Kessler Brake Cooling Package with heat exchanger
- Hydraulic port for park brake emergency tow release
- Brake cooling reservoir temp monitor

### STEERING

- Armrest mounted joystick steering with integrated horn and headlight controls
- Heavy-duty, tapered roller bearing joint
- Two double-acting steer cylinders

### HYDRAULIC SYSTEM

- Sensors and diagnostic test ports with quick couple fittings for: each axle, park brake release pressure, hydraulic pumps
- 10-micron return filter
- 132 L (35 gal) hydraulic reservoir

### OPERATOR COMPARTMENT

- Three-point contact for entry and exit
- ROPS/FOPS certified compartment
  - › Open canopy
  - › Enclosed pressurized cab with cabin filter and HVAC
- Operator and passenger seating with mechanical suspension
- Forward and side facing swivel operator seat
- Reverse camera
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### INSTRUMENTATION

- Vehicle performance monitoring with on-screen gauges and diagnostics
- 10" interactive display
- 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)
- Two 2.3 kg (5 lb) fire extinguishers
- Wheel chocks
- Manual actuated Ansul LVS FSS tied to engine shutdown
- Central lubrication system

### OPTIONAL EQUIPMENT

- Wiggins fill system
- Lincoln auto-lubrication package
- Ansul Checkfire automatic actuation fire suppression system with linear detection loop
- 2x side view cameras
- Door and/or seat belt interlocks
- 4-wheel independent brake temp monitors
- HEPA cabin filter

## CONCRETE MIXING SYSTEM

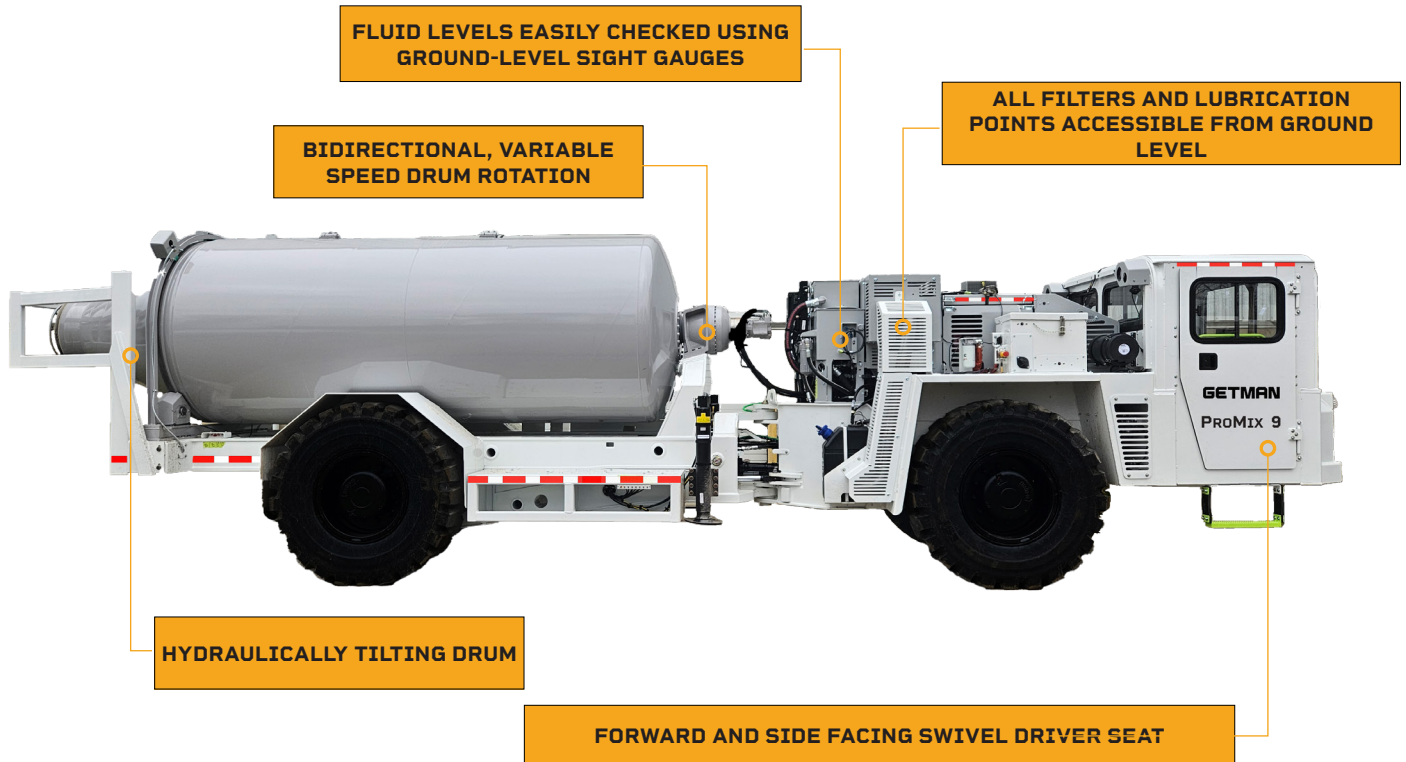
### REMIKER SETUP

- 7.0 m<sup>3</sup> (9 yd<sup>3</sup>) concrete fill horizontal mixer drum;
  - › Hydraulically tilting drum with discharge height range of 1550 mm to 2007mm (63 in to 79 in)
- Variable speed hydraulic drive ranging from 0 to 15 rpm
- Dual hatch fill
- Ladder and walkway with safety rail access to the remixer drum
- Two (2) LED lights mounted to illuminate work area
- Drum controls in the cab and rear discharge area
- Mechanical drum lock

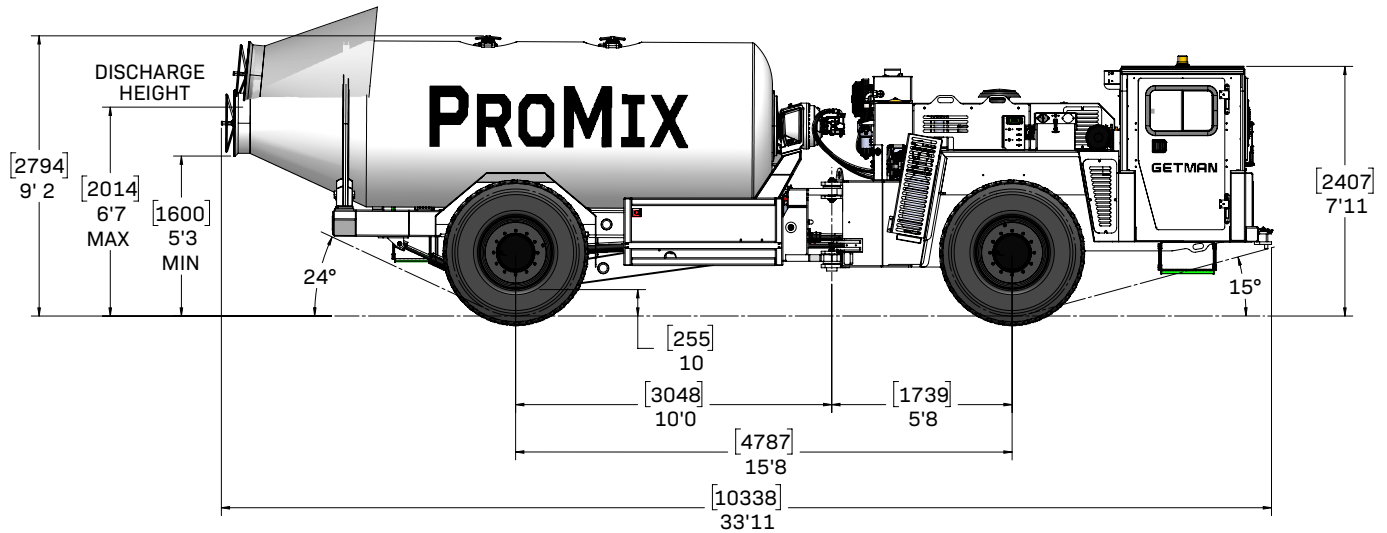
### REMIKER SETUP – OPTIONS

- SAHR drum brake with mechanical drum lock
- Form oil sprayer with 37L (10 gal) tank and hose reel
- High-pressure wash with hose reel and wand, 189L (50 gal) water tank
- Admixture service; SS, 189L (50 gal) tank and transfer pump

## DESIGN FEATURES AND LAYOUT

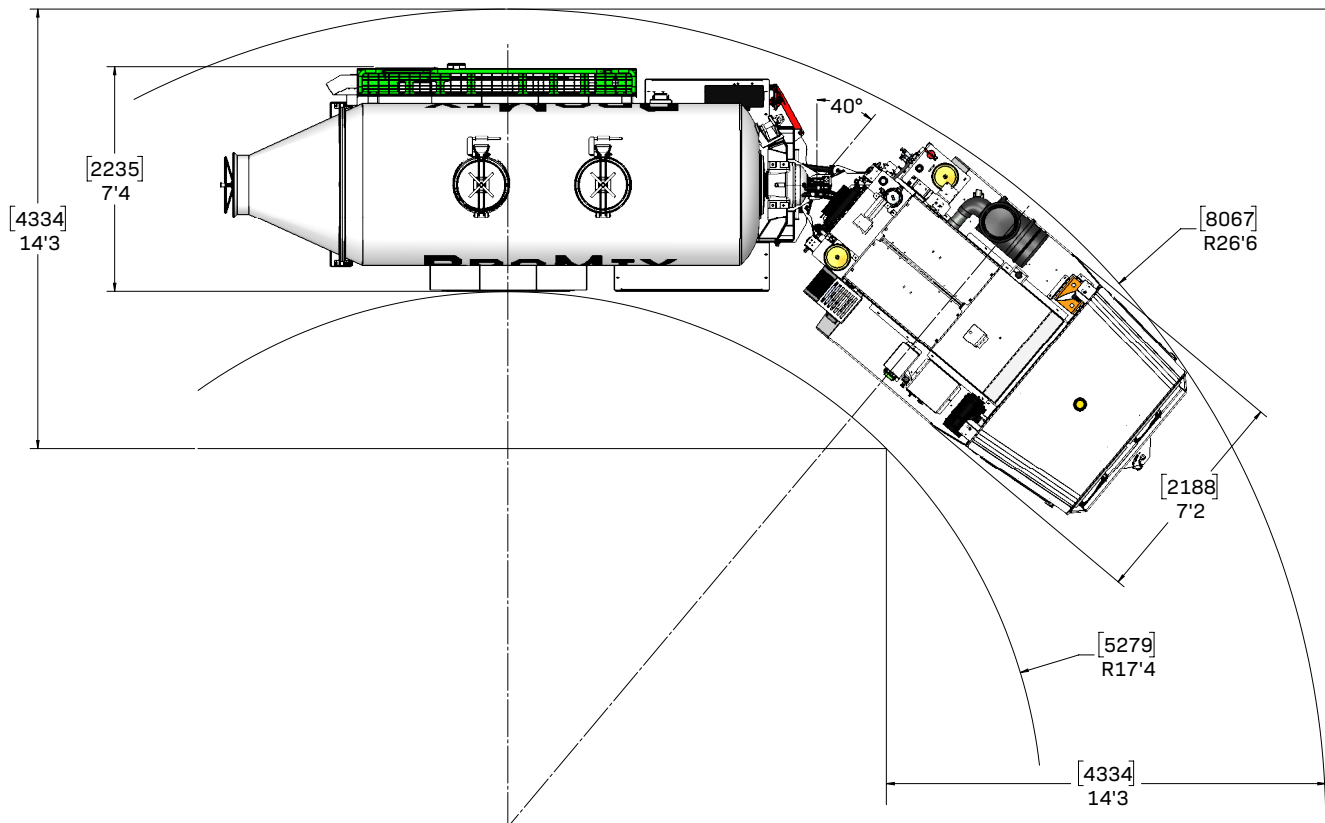


### DIMENSIONS AND MANEUVERABILITY



<b>MACHINE LENGTH</b>	10338 mm	407 in
<b>WHEELBASE LENGTH</b>	4787 mm	188 in
<b>GROUND CLEARANCE</b>	255 mm	10 in
<b>MACHINE HEIGHT (Canopy)</b>	2407 mm	95 in
<b>MACHINE HEIGHT (Remixer Drum)</b>	2794 mm	110 in

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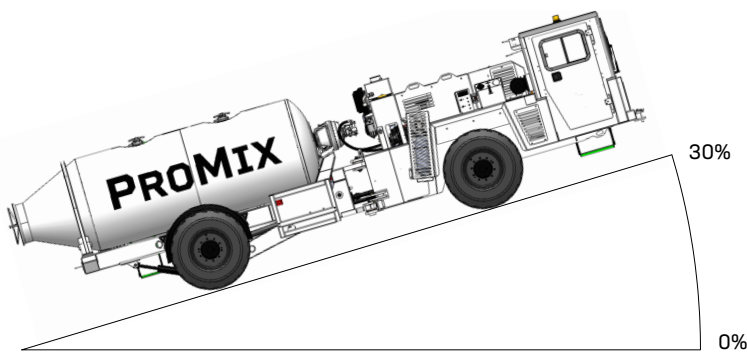
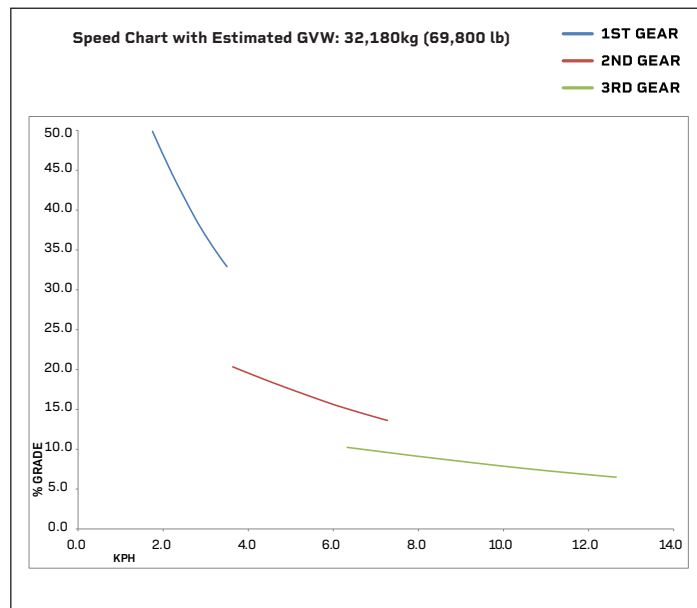


<b>MACHINE WIDTH</b>	2235 mm	88 in
<b>INNER TURNING RADIUS</b>	5279 mm	208 in
<b>OUTER TURNING RADIUS</b>	8067 mm	318 in

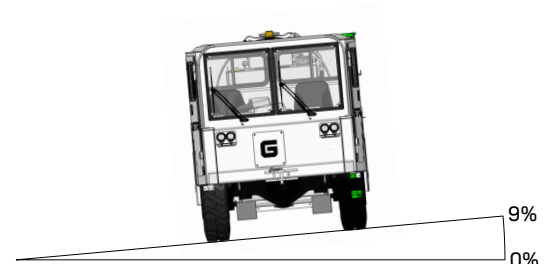
## ENGINE AND PERFORMANCE

### CUMMINS QSB6.7 ENGINE PACKAGE

<b>MANUFACTURER</b>	Cummins
<b>MODEL</b>	QSB6.7
<b>STAGE</b>	Tier III
<b>DESIGN</b>	6 Cylinders in line, water cooled
<b>MAX POWER</b>	164 kW (220 hp) @ 2200 rpm
<b>EXHAUST SYSTEM</b>	Catalytic exhaust conditioner and silencer
<b>ASPIRATION</b>	Turbocharged



Maximum Recommended  
Longitudinal Trimming Gradient



Maximum Recommended  
Transverse Trimming Gradient



### 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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