

PURPOSE-BUILT MINING EQUIPMENT



GETMAN MATERIALS TRANSPORT vehicles are versatile underground carriers designed to move materials throughout a mining operation reliably and efficiently, ensuring loads are delivered where they are needed when they are needed. Available crane packages maximize the opportunity for utilization throughout underground operations while increasing efficiency and productivity during loading and unloading scenarios.

Getman's A64 Crane-S vehicles offer payload capacities up to 4,540 kg (10,000 lb), and include below-deck storage compartments for straps, winches and tools. The optional high-capacity Hiab crane offers 180° of slewing and a capacity of up to 830 kg (1,850 lb) at maximum

reach. Stake pockets, optional ratcheting straps and tie down points ensure loads are securely fastened to the deck for tramping. Its narrow frame allow this vehicle to maneuver in drift sizes as small as 3.5 m into 3.5 m (11.5 ft into 11.5 ft).

A64 materials transport vehicles protect worker safety by eliminating the need for workers to physically lift, position and transport heavy loads. The optional crane can be operated away from the loading and unloading area, ensuring workers are kept clear from moving loads. The crane system is inclusive of outriggers that ensure stability in all permissible loading situations.



TECHNICAL SPECIFICATIONS

ENGINE

- Tier III approved engine - 4-cylinder
 - › Mercedes Benz OM904LA, 129 kW (173 hp) @ 2200 rpm
 - › Cummins QSB4.5, 127 kW (170 hp) @ 2200 rpm
- Liquid-cooled, turbocharged
- 113 L (30 gal) fuel tank with self-closing cap

EXHAUST SYSTEM

- Catalytic exhaust conditioner and silencer

TRANSMISSION

- Dana Clark 32000 powershift transmission
- Three speeds forward and reverse
- 4-wheel drive

AXLES

- Heavy-duty Carraro 28.43 planetary drive axle package

TIRES

- 10.00x20-16pr mine service tires

BRAKE SYSTEM

- Fully hydraulic wet disc service brakes on each axle
- Spring applied, hydraulic pressure release wet disc secondary 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 (SAE J1040C, CSA B-352, ISO 3471)
 - › 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, 100 A alternator
- 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
- Four nozzle Ansul fire suppression system tied to engine shutdown (LTA-101-30)

OPTIONAL EQUIPMENT

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

DECK AND CRANE ARRANGEMENT*

MATERIALS TRANSPORTING PACKAGE

- Low Flatdeck platform area for materials transporting: deck height 820 mm (2 ft 8 in), distance between the fenders 1251 mm (4 ft 1 in)
- Hiab 044-1 crane mounted at articulation joint
- Crane outriggers for unrestricted capacity when machine is articulated
- 4 tm (28,800 ft-lb) class capacity crane
- 180° crane slewing angle

MATERIALS TRANSPORTING PACKAGE - ADDITIONAL OPTIONS

- Storage compartments available underneath deck
- Available tie-down straps for securing cargo during tramping
- All models also available without crane for increased deck area

CRANE CAPACITIES

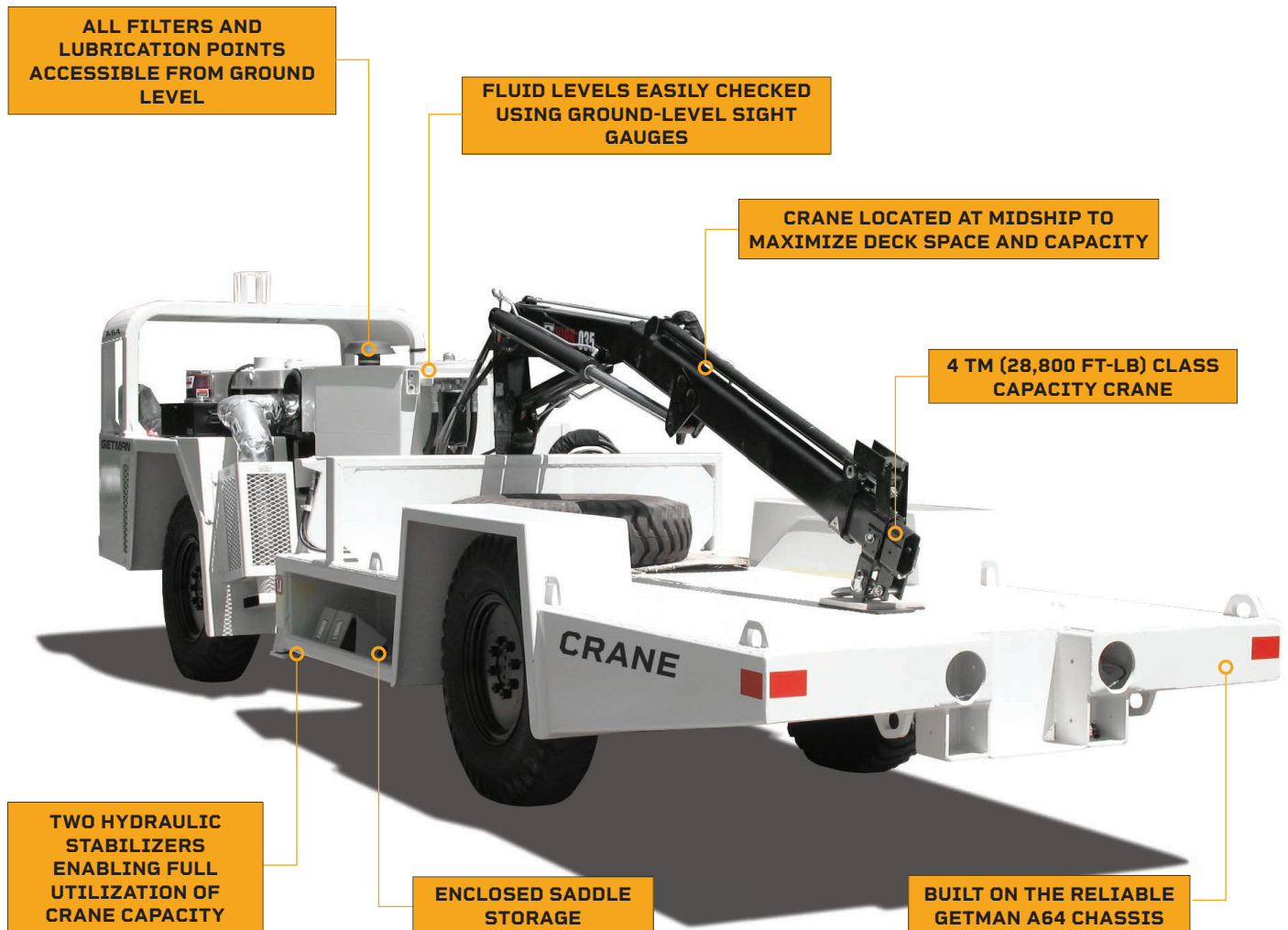
	044-1 WEIGHT LIMIT
3412 mm (11 ft 2 in) OUTREACH	988 kg (2180 lb)
4699 mm (15 ft 5 in) OUTREACH	780 kg (1720 lb)

DECK CAPACITIES

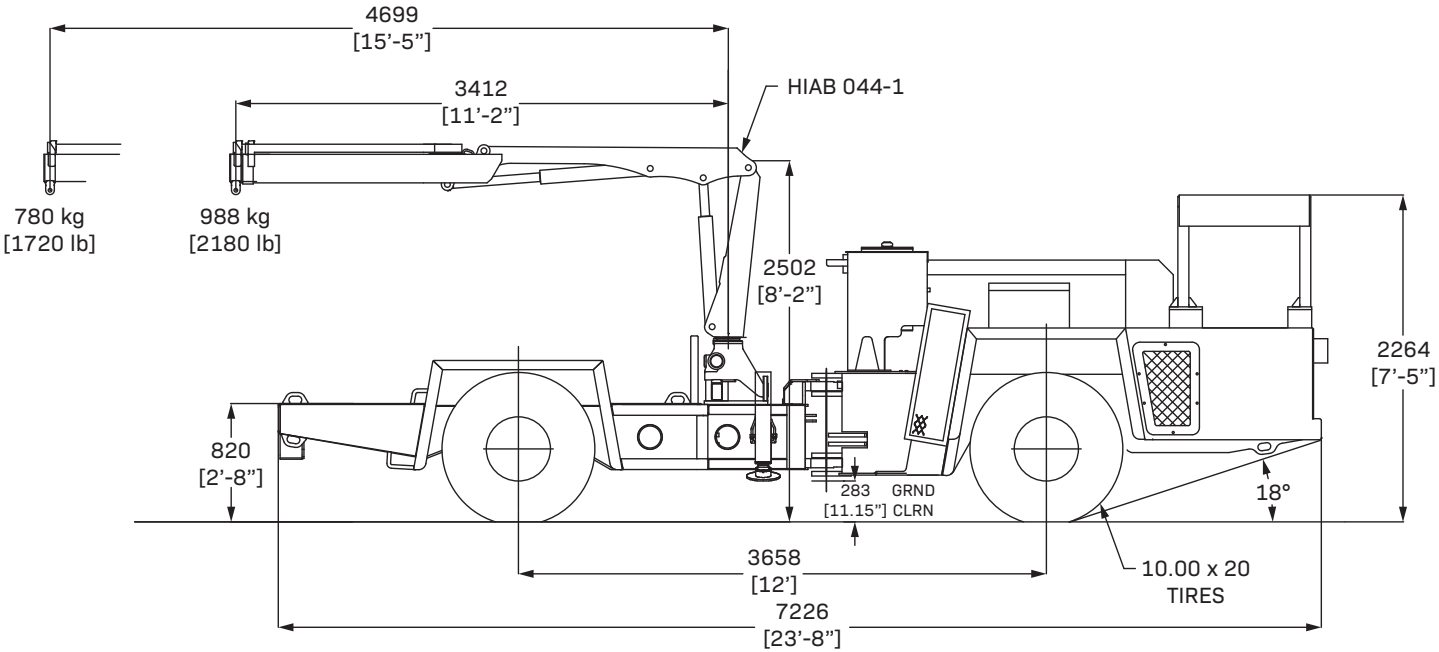
	S41 AXLES 10x20 TIRES	S41 AXLES 12x20 TIRES	S72 AXLES 12x20 TIRES
A64 CRANE-S Low Flatdeck	4,540 kg (10,000 lb)		
A64 CRANE Low Flatdeck	4,540 kg (10,000 lb)	5,450 kg (12,000 lb)	8,620 kg (19,000 lb)
A64 CRANE HIGH Flushdeck		4,540 kg (10,000 lb)	7,710 kg (17,000 lb)

*Consult Getman for special configurations and additional deck space

DESIGN FEATURES AND LAYOUT

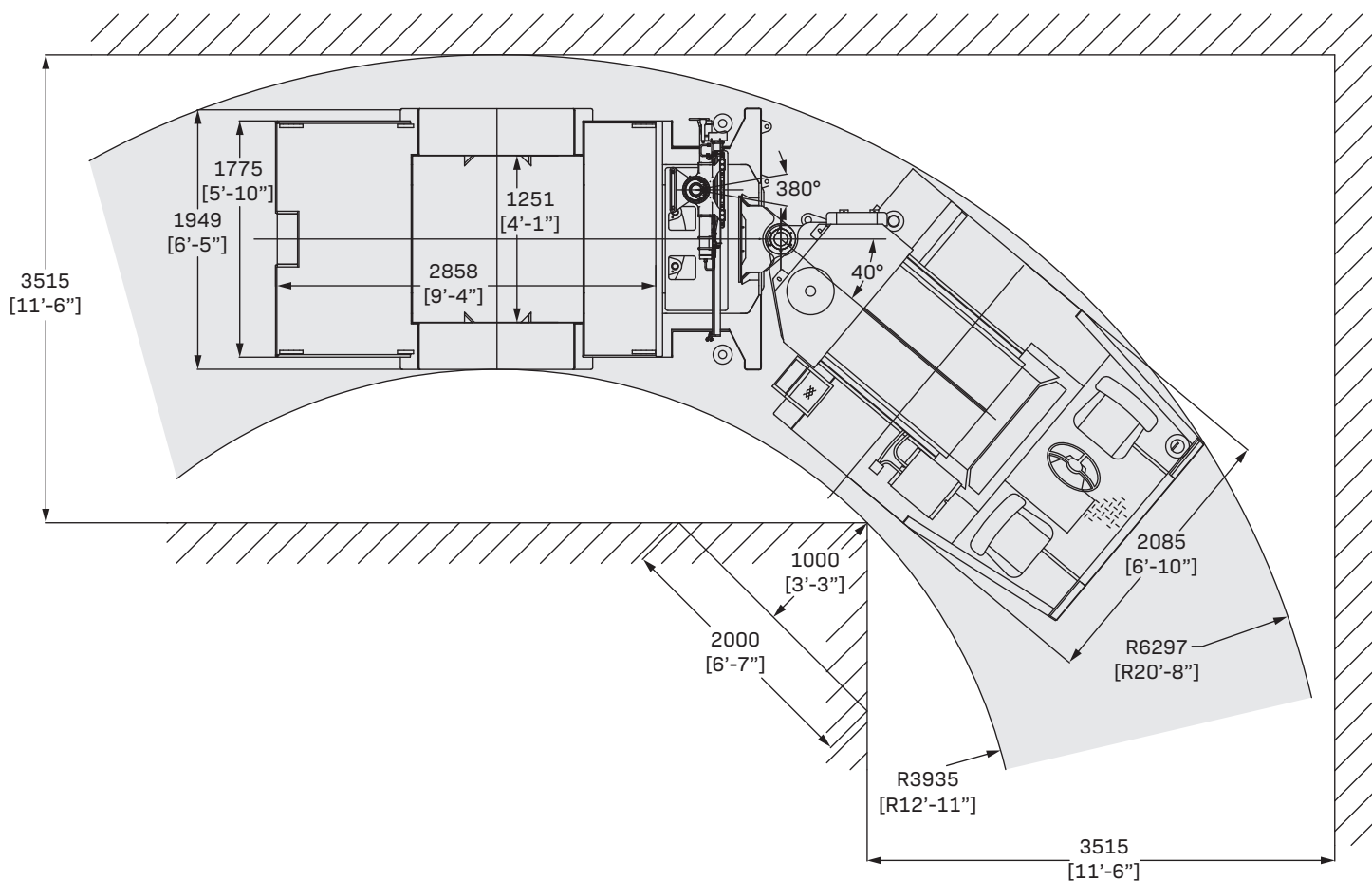


DIMENSIONS AND MANEUVERABILITY



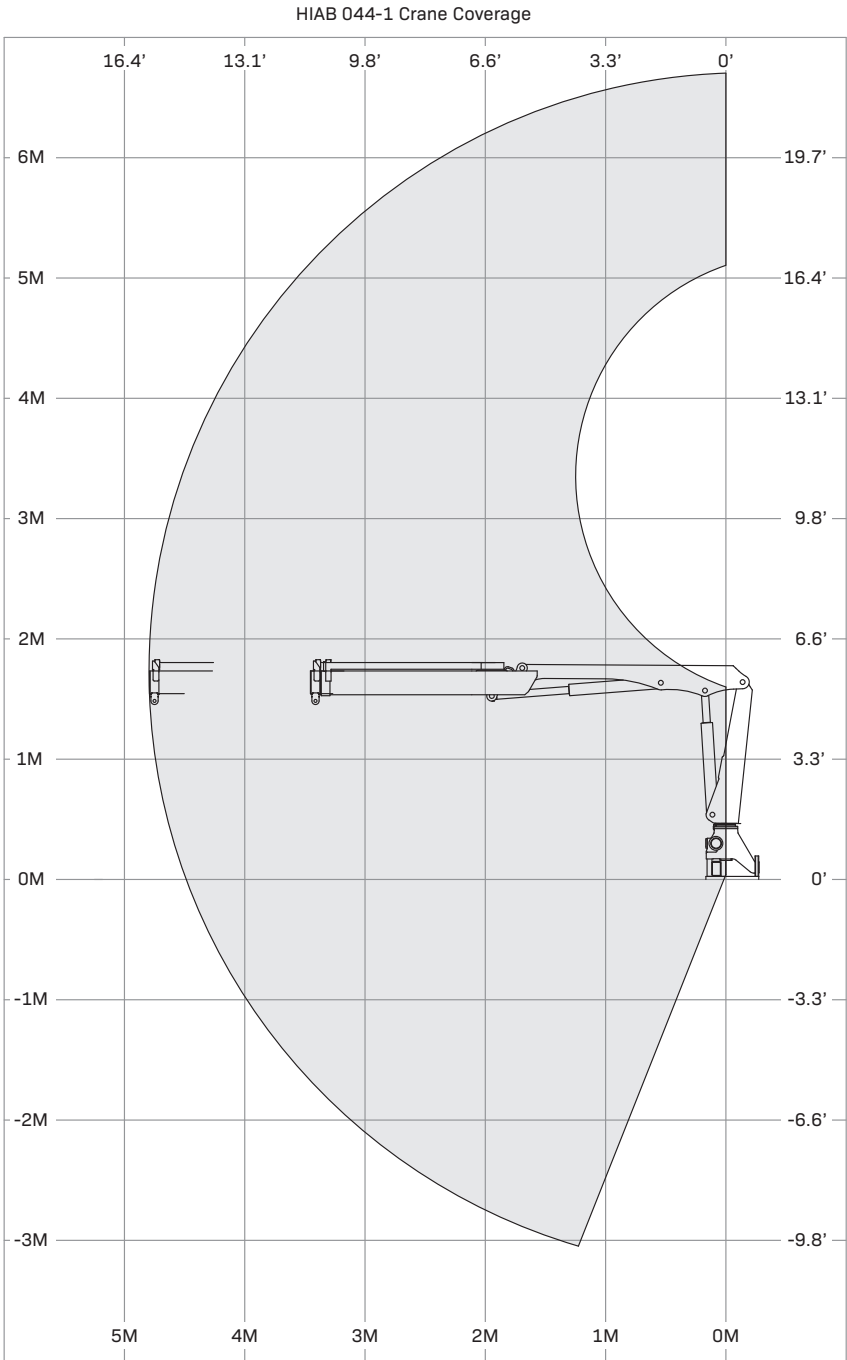
MACHINE LENGTH	7226 mm	284 in
WHEELBASE LENGTH	3658 mm	144 in
GROUND CLEARANCE	283 mm	11.125 in
MACHINE HEIGHT	2502 mm	98 in
MACHINE HEIGHT (Canopy)	2264 mm	89 in

DIMENSIONS AND MANEUVERABILITY



MACHINE WIDTH	2085 mm	82 in
INNER TURNING RADIUS	3935 mm	155 in
OUTER TURNING RADIUS	6297 mm	248 in

CRANE COVERAGE AREA



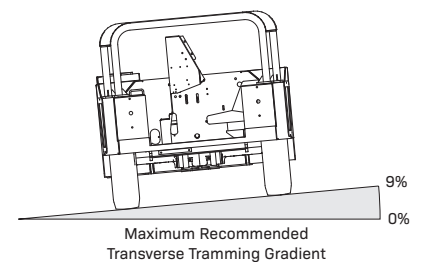
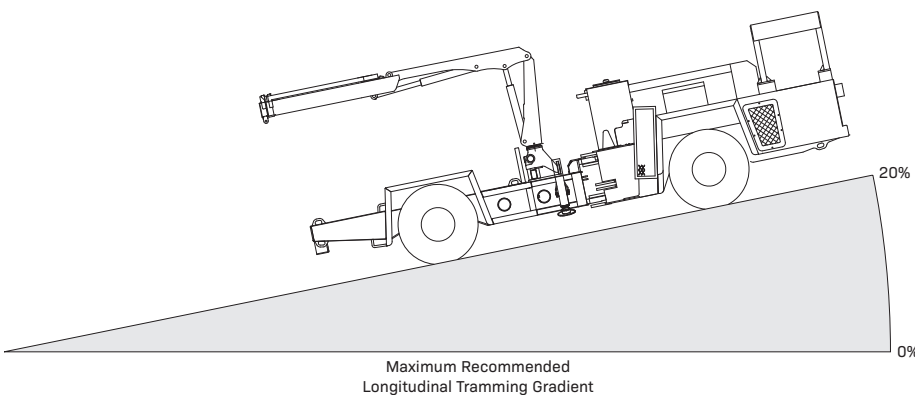
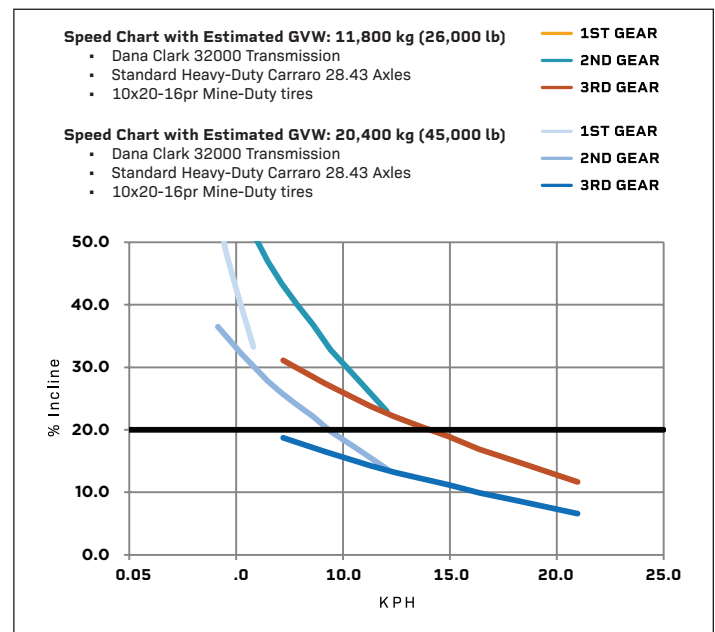
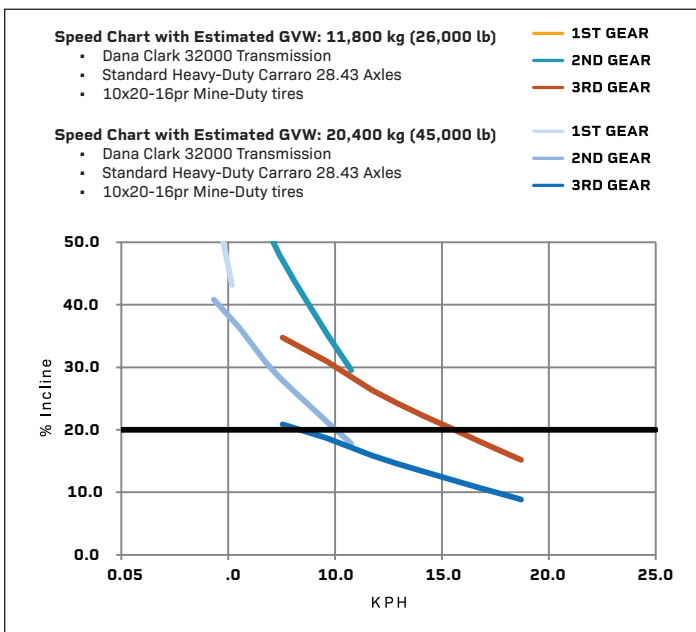
ENGINE AND PERFORMANCE

MERCEDES BENZ OM904 ENGINE PACKAGE

MANUFACTURER	Mercedes
MODEL	OM904
STAGE	Tier III
DESIGN	4 Cylinders in line, water cooled
MAX POWER	129 kW (173 hp) @ 2200 rpm
EXHAUST SYSTEM	Catalytic exhaust conditioner and silencer
ASPIRATION	Turbocharged
FUEL CONSUMPTION	220 g/kW-hr (0.361 lb/hp-hr)

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 fifty 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.

For parts or service support, email us at parts@getman.com or service@getman.com.

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

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