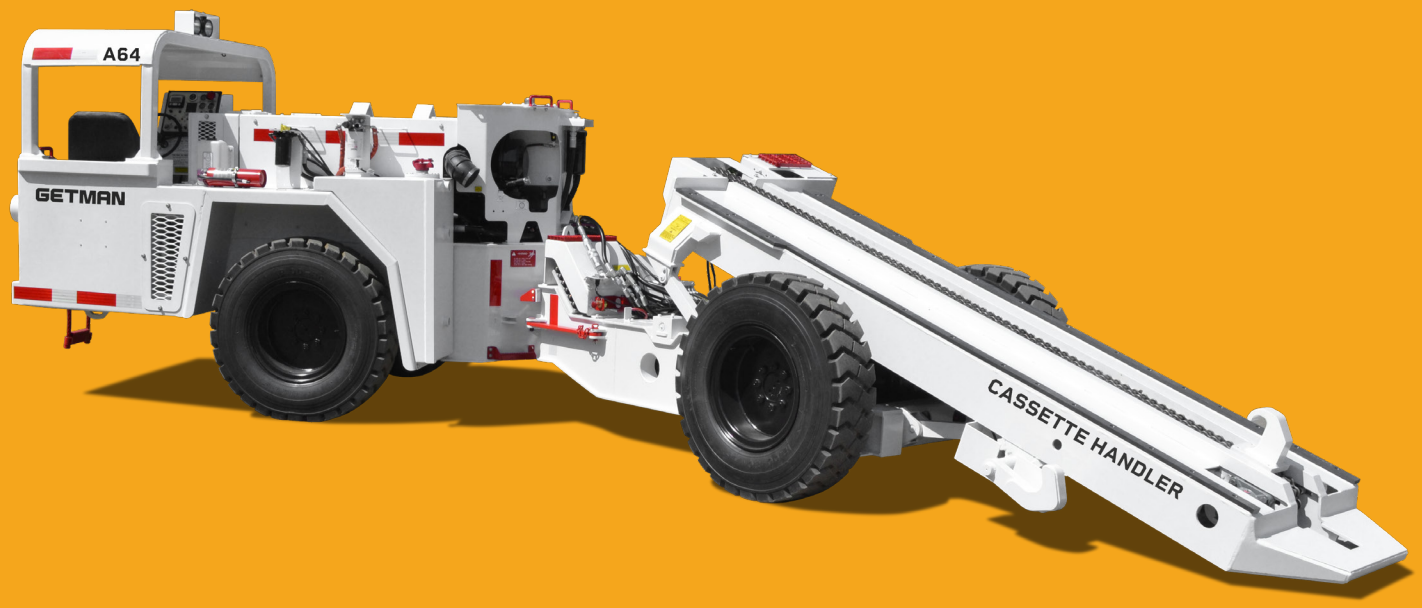
GETMAN

A64 CASSETTE HANDLER

MULTI-PURPOSE VEHICLE

PURPOSE-BUILT MINING EQUIPMENT



GETMAN MULTI-PURPOSE EQUIPMENT is designed to maximize utilization through a system of interchangeable, application-specific cassettes. A single carrier can perform multiple tasks throughout an underground mining operation, providing versatility and operational efficiency.

Getman's **A64 Cassette Handler** offers a comprehensive system of application cassettes, including lubrication cassettes, fuel cassettes, water spray cassettes, flat deck cassettes, explosives transport cassettes, and more. Customized cassettes are available as well based on specific needs. The A64 Cassette Handler has a high capacity payload up to 5, 450 kg (12,000 lb), allowing for heavy loads to be transported easily and efficiently.

A64 multi-purpose vehicles protect worker safety through purpose-built design. Cassettes can be mounted and dismounted from the carrier by a single operator from the safety of the operators compartment, and cassettes can be loaded from ground level to eliminate the need to climb on the machine.

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 higher capacity 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 or 250 L (66 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)
- One 2.3 kg (5 lb) fire extinguisher
- 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
- Door and/or seat belt interlocks
- SICS (Stabilizer Interlock Control System) package, with load-engagement sensors

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



CASSETTE HANDLER SYSTEM*

CASSETTE HANDLER SETUP
- Cassette transport package
- 5,450 kg (12,000 lb) transport capacity (with flatdeck cassette)

CASSETTE HANDLER OPTIONS
- PK4200 crane mounted near articulation area, with two outrigger stabilizers

AVAILABLE CASSETTES
- Flat Cassette
- Water Sprayer Cassette
- Service Fuel Cassette
- Service Lube Cassette
- Sump Vacuum Cassette
- Honeydew Vacuum Cassette
- Emulsion Transport Cassette

FLAT CASSETTE
- 2082 mm x 3658 mm (82 in x 144 in) deck area
- Stake pockets and tie down points along sides
- Front bulkhead with visibility cutouts
- Three (3) tie down winches with 50 mm x 8230 mm (2 in x 27 ft) webbing strap

WATER SPRAYER CASSETTE
- 4540 L (1200 gal) capacity tank
- Tank supplied with; dual fill points, sight gauges, inspection/ cleanout covers
- Hydraulic driven water pump
- Spray control in operator area, zoned coverage allowing selection of rear and/or either side

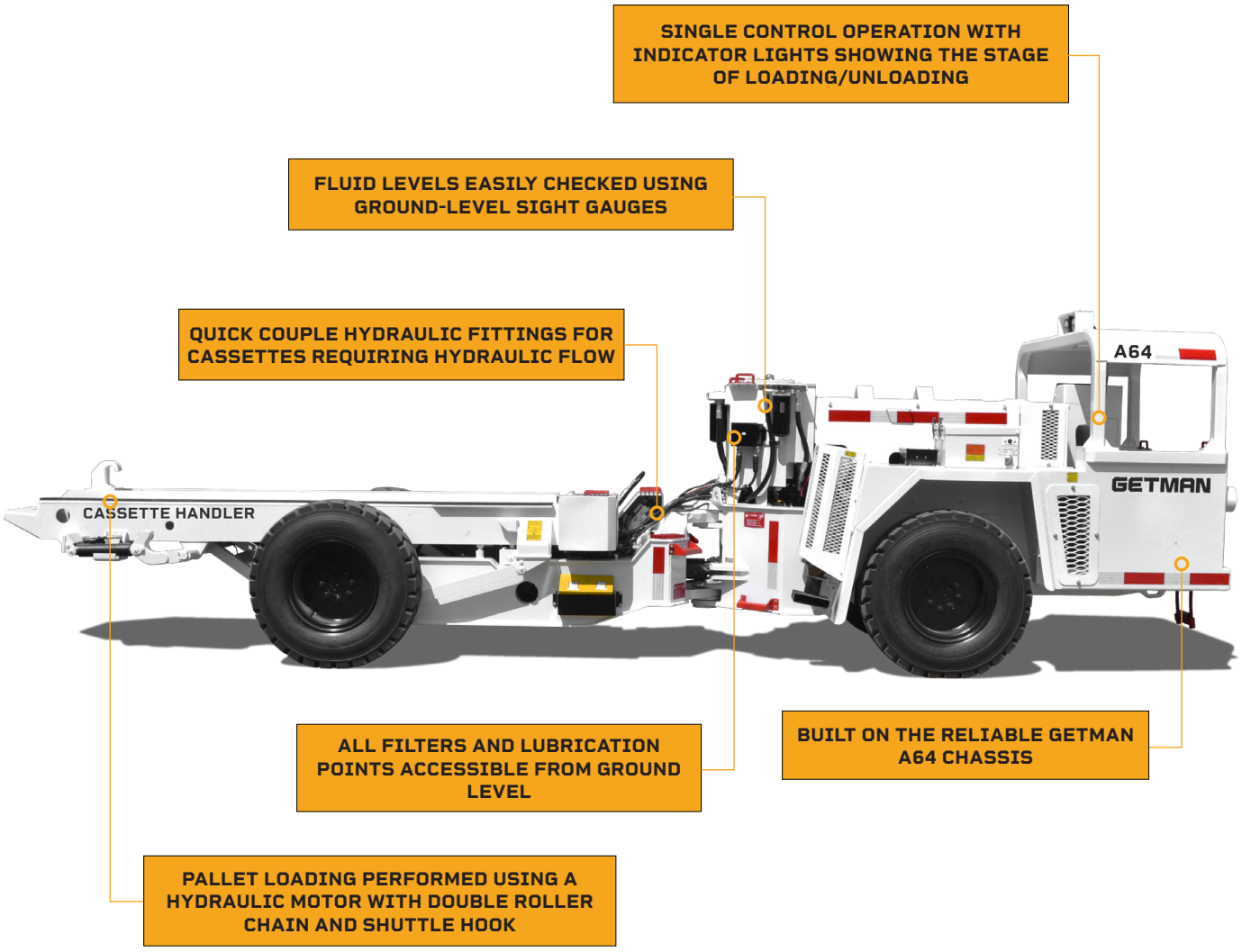
SERVICE FUEL CASSETTE
- 5300 L (1400 gal) capacity tank
- Hydraulic powered fluid services (one per service tank), with hoses and nozzles on spring return reels
- Hose and reel delivery system with 15 m (50 ft) hose for each fluid service
  - 37.9 L/min (10 gpm)
  - 75.7 L/min (20 gpm) (available only on diesel service)
  - 189.3 L/min (50 gpm) (available only on diesel service)
- High-pressure, pneumatic-powered grease service sized for 54 kg 120 lb) drum, with hose reel and nozzle

SERVICE LUBE CASSETTE
- Three service tanks with 1135 L (300 gal), 946 L (250 gal), and 454 L (120 gal) capacities
- Hydraulic powered fluid services (one per service tank), with hoses and nozzles on spring return reels
- Hose and reel delivery system with 15 m (50 ft) hose for each fluid service
  - 37.9 L/min (10 gpm)
  - 75.7 L/min (20 gpm) (available only on diesel service)
  - 189.3 L/min (50 gpm) (available only on diesel service)
- High-pressure, pneumatic-powered grease service sized for 54 kg 120 lb) drum, with hose reel and nozzle
- OPTION: Service tanks filled through wiggins receivers
- OPTION: Metered delivery nozzles (flow rate is reduced)
- OPTION: Wiggins delivery nozzle on diesel service

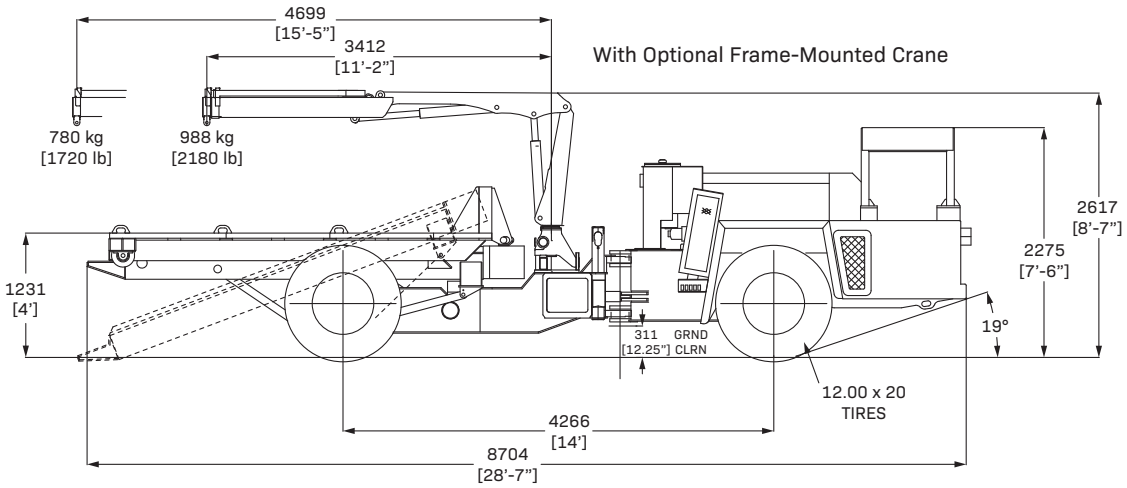
SUMP VACUUM CASSETTE
- 3596 L (950 gal) capacity waste tank
- Hydraulic driven vacuum pump
- 508 mm (20 in) bolt-on manway at front of tank
- 914 mm (36 in) access manway at rear of tank with 152 mm (6 in) discharge outlet
- 152 mm (6 in) stainless steel piston-type gate valve
- 152 mm to 76 mm (6 in to 3 in) discharge reducer with 76 mm (3 in) ball valve, camlock coupler and dust cap
- Set of four (4) flexible service hoses with camlock fittings, suction want and ball valve, and hose storage compartment

HONEYDEW VACUUM CASSETTE
- 2460 L (650 gal)
- 1135 L (200 gal) capacity fresh chemical tank
- Hydraulic driven vacuum pump
- 7620 mm (25 ft) service hose, valve and pvc wand, service wand holder, and hose hanger

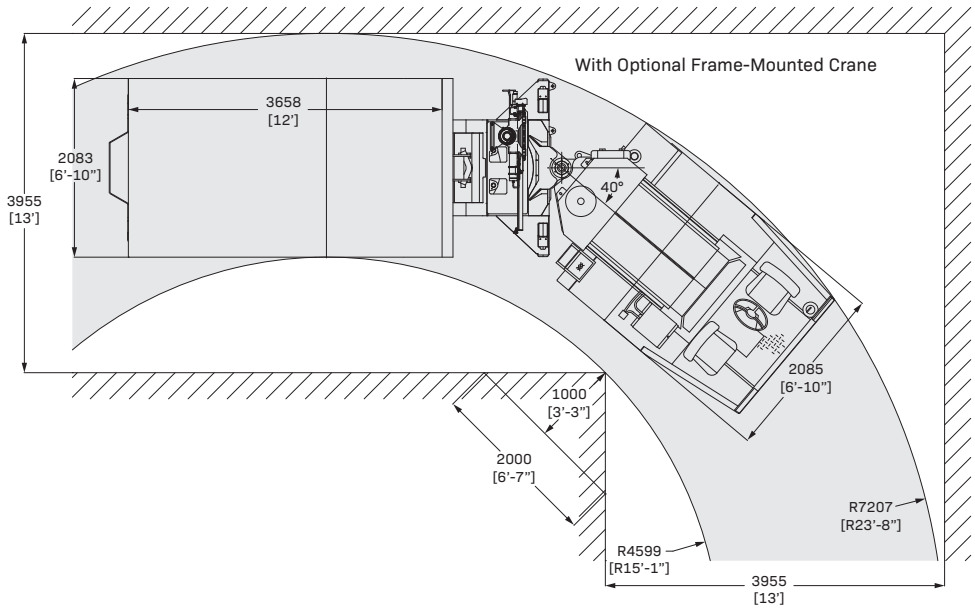
DESIGN FEATURES AND LAYOUT



DIMENSIONS AND MANEUVERABILITY

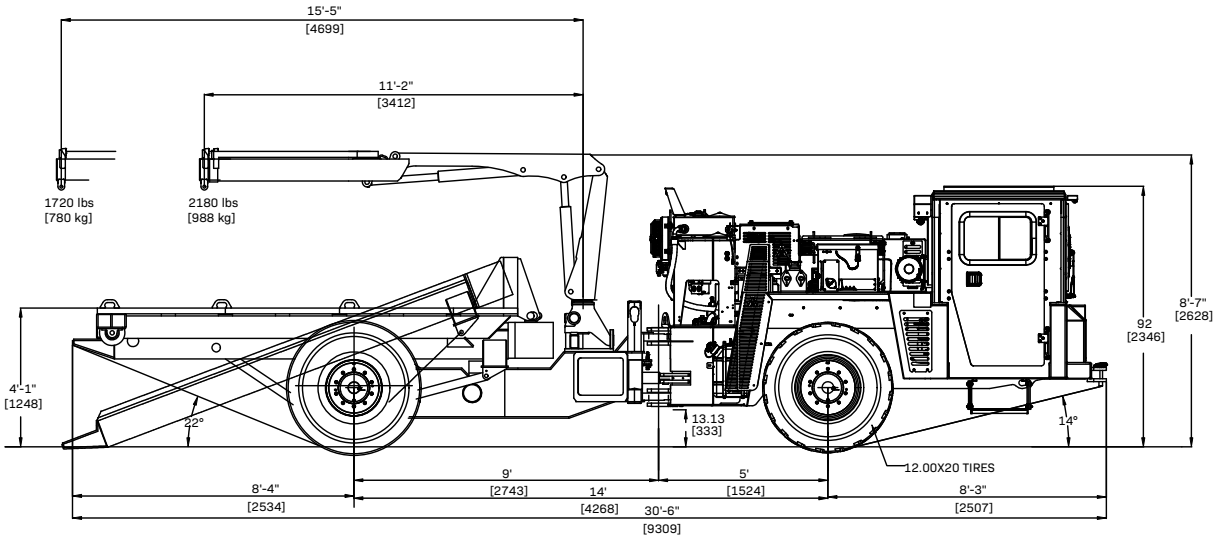


MACHINE LENGTH	8704 mm	343 in
WHEELBASE LENGTH	4266 mm	168 in
GROUND CLEARANCE	311 mm	12.25 in
MACHINE HEIGHT	2617 mm	103 in

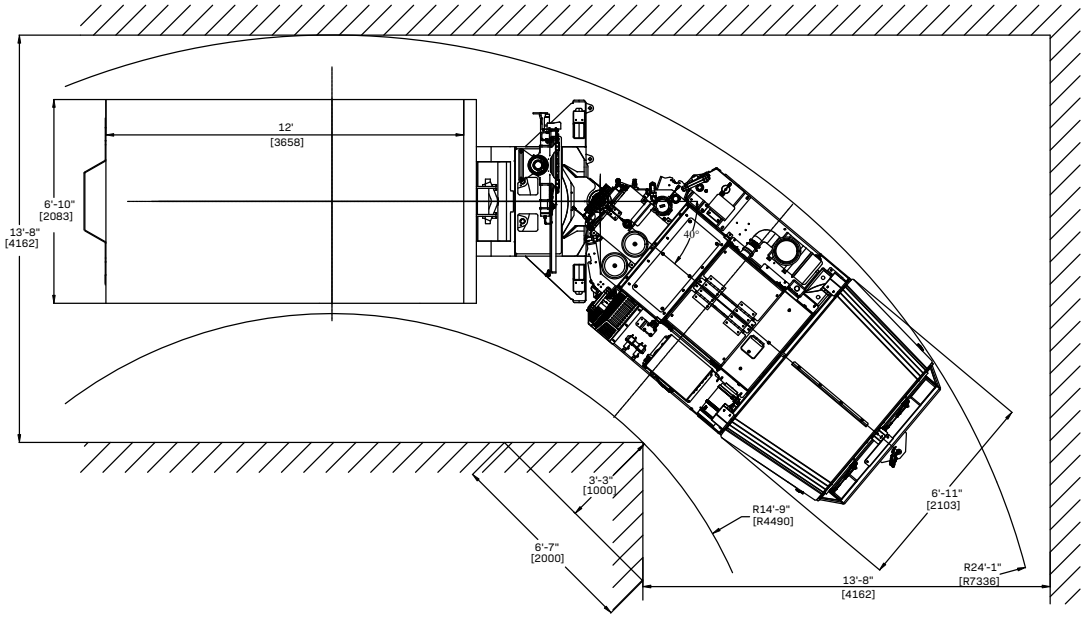


MACHINE WIDTH	2085 mm	82 in
INNER TURNING RADIUS	4599 mm	181 in
OUTER TURNING RADIUS	7207 mm	284 in

SIDE ENTRY DIMENSIONS AND MANEUVERABILITY

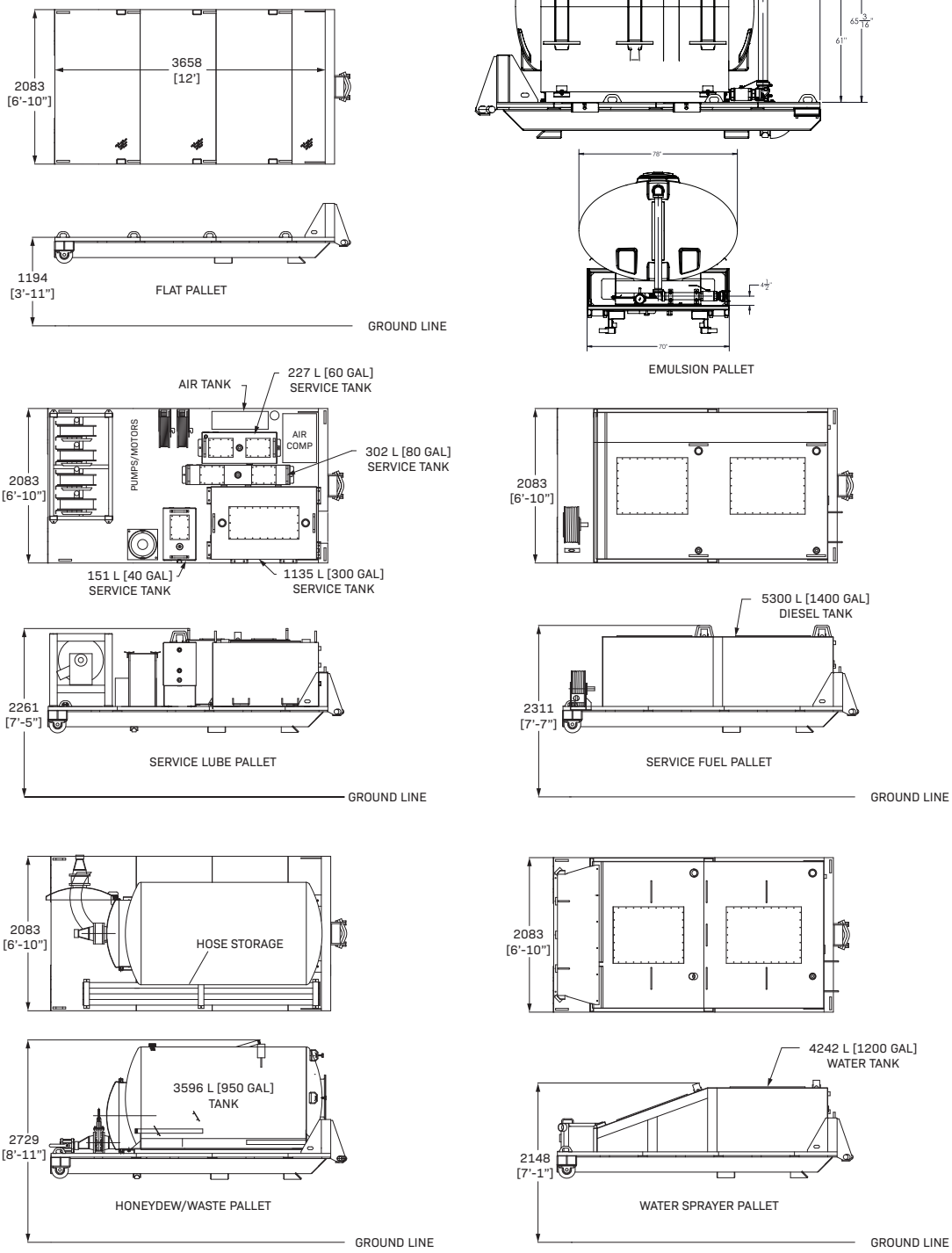


MACHINE LENGTH	9309 mm	366 in
WHEELBASE LENGTH	4268 mm	168 in
GROUND CLEARANCE	333 mm	13.13 in
MACHINE HEIGHT	2346 mm	92 in

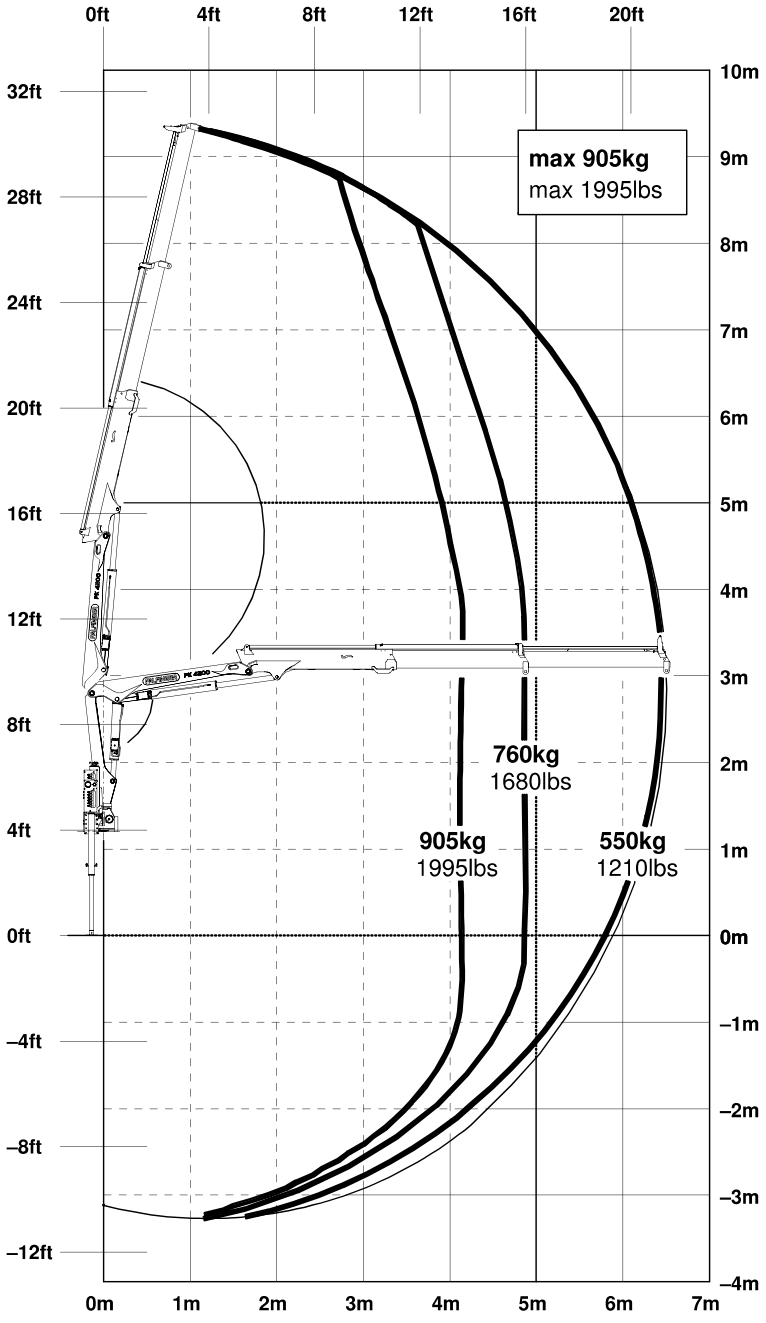


MACHINE WIDTH	2103 mm	83 in
INNER TURNING RADIUS	4490 mm	177 in
OUTER TURNING RADIUS	7336 mm	289 in

CASSETTE DIMENSIONS



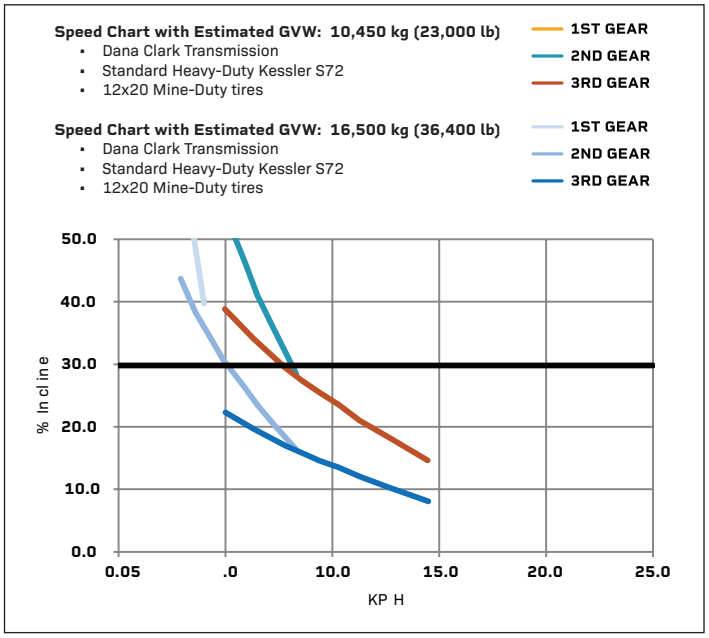
CRANE COVERAGE AREA

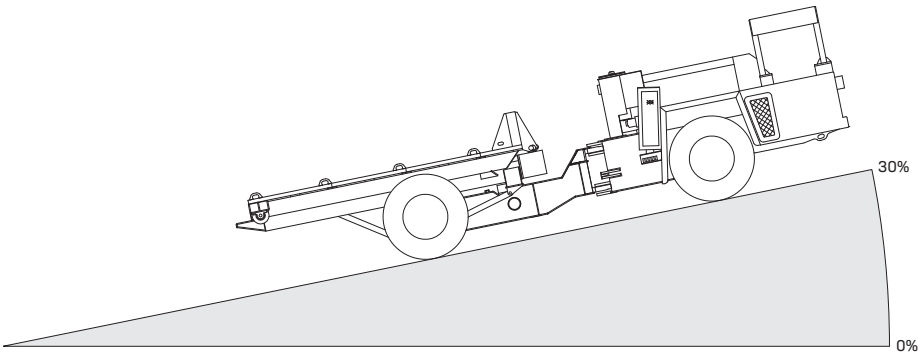


ENGINE AND PERFORMANCE

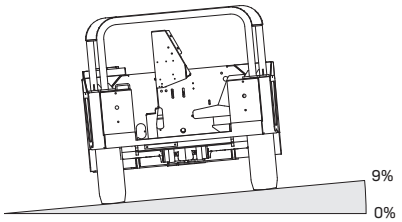
CUMMINS QSB4.5 ENGINE PACKAGE

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)

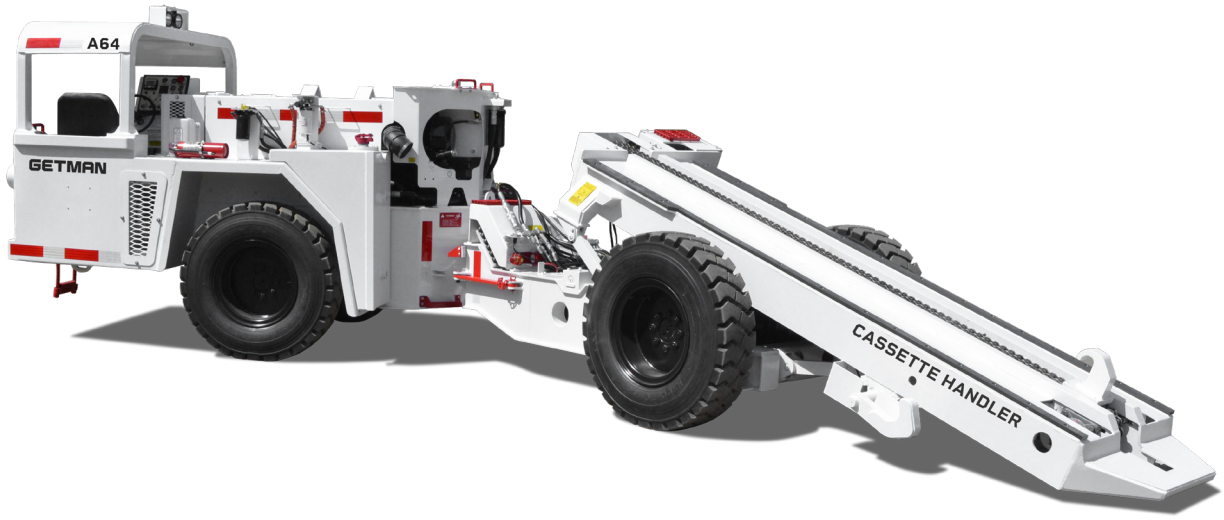




Maximum Recommended
Longitudinal Tramming Gradient



Maximum Recommended
Transverse Tramming 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, 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.

GETMAN

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