



UNDERGROUND MINING UTILITY VEHICLES

Rough, tough and purpose
built for Australian mining



WWW.DRIVETRAINPOWER.COM

an **Engenco** company



ABOUT US

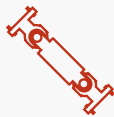
Drivetrain is a leading supplier of technical products and services to the Mining, Energy, Transport and Defence industries. An extensive network of technical and supply capability across those markets allows Drivetrain to provide excellence in service to our customer base, along with an outstanding representation and support for our market leading brands. At Drivetrain, our customer's needs are the driver of all aspects of our business and our focus on flexibility, dependability and rapid service has allowed us to grow and develop as a true partner throughout our thirty years of operation.

From the engineering and supply of new mining and energy assets and equipment through to service, maintenance repair and overhaul, parts support and advanced fleet diagnostics, Drivetrain is positioned to provide through life support to industrial companies spanning the full product life cycle.



Locomotive and Driveshafts

We have a comprehensive range of engine and powertrain products for diesel-electric locomotives. We can provide driveshaft design, production, modification, and repair services.



Transmissions and Torque Converters

We rebuild transmissions and torque converters to factory specifications using genuine spare parts. Each component is rigorously tested to ensure it meets strict quality standards.



Axles and Braking Systems

We supply and service a wide range of axles. Our axle designs incorporate top-level brake safety systems and meet Australasian mine safety regulations.



Maintenance and Repair

We specialise in maintenance, repair, and overhaul (MRO) solutions and genuine parts for hard rock mining's most respected powertrain brands.



Make Safe

At Drivetrain, Safety is our number one priority. With the deployment of our safe work systems, smart technologies and enduring commitment to employee education and training, we ensure a safe work environment for all who work in and visit our facilities. Our people are the strength that allow us to achieve. The passion and pride of our workforce is the driver of the quality and dependability that our customers rely on.



Fitness for work

Our team show up on site 'Fit for Work' by being free from the influence of fatigue, alcohol or other drugs.



Risk Management Activity

We always conduct a risk management activity before commencing any task.



Responsibility to Stop the Job

We are trained to stop the job when hazards are identified and the risk can not be controlled.



Plant and Equipment

Our processes only allow equipment, plant or tools to be operated when trained, competent and authorised.



Isolation and Lockout

At Drivetrain we isolate, verify and (where required) lockout plant and equipment before any work begins.



Line of Fire

We have safe zones throughout the workplace and have training on vehicles in the workplace.



Vehicles

We provide resources and rules to promote safe driving to conditions while on site.

SERVICE CAPABILITIES



INTEGRATED MANAGEMENT SYSTEM

Drivetrain operates a Quality Management System (QMS) to ensure that all of our customers receive the same level of quality and customer service. Incorporated into the QMS are Quality Assurance, and Environmental and Occupational Health and Safety Management Systems in accordance with ISO 9001:2008, ISO 14001:2004, and Australian OHS Standard AS 4801:2001 respectively. Our major overhaul facilities each carry third-party certification for quality, environmental, and safety systems to the above standards by Lloyd's Register.

Project activities are developed, controlled, and monitored within our framework of processes and procedures including Work Instructions (WI), Inspection and Test Plans (ITP), Safe Work Method Statements (SWMS), and Environmental Management Plans (EMP). We also work to ensure that we understand our clients' quality, safety, and environmental requirements and incorporate them into our plans.



FIELD DEPLOYMENT

Our field deployment teams are ready and willing to deploy to remote locations to support our customers' operations. Having undergone extensive training to work in demanding conditions, our staff are trained in remote workplace, first aid, and emergency response training.

Drivetrain also maintains equipment and systems developed specifically for field deployment, ensuring that our teams have the tools needed to work efficiently and safely while away from our Service Centres. This is supported furthermore by our fleet of fully equipped service vehicles fitted with specialised equipment.



AFTER-SALES SUPPORT

Customer Service Managers (CSM) are the primary point of contact for customers seeking after-sales service and support. Our customer service specialists commit to providing an exceptional customer experience, with a focus on excellence and fulfilling customer needs.

Drivetrain employs CSMs across all branches. Each of whom is focused on a particular market segment or region. Our teams possess expertise and training sufficient to understand a customer's requirements and coordinate our service offering. Good customer service is critical to our business success. Whether it is a parts requirement, equipment fault, routine service, or emergency break down. Our CSMs will work with a full team of operations, logistics, technical, and engineering staff to ensure that our customers get the service that they need and on time.



KT200

- ✓ THREE TIMES THE ECONOMIC LIFE*
- ✓ TWICE THE PAYLOAD
- ✓ 5 YEAR CHASSIS WARRANTY OR 5,000 HOURS
- ✓ UNSURPASSED RELIABILITY AND AVAILABILITY
- ✓ INDUSTRIAL POWERSHIFT TRANSMISSION AND HEAVY-DUTY AXLES
- ✓ FOPS/ROPS LEVEL II CERTIFIED CABS



*Over automotive style trucks



The safest underground mining utility vehicle in its class

THE KT200 HAS A PROVEN TRACK RECORD IN THE MINING INDUSTRY:

- Highly successful safety record
- Triple the life of automotive type utility vehicles
- Unsurpassed reliability and availability
- MSHA, CANMET and CE certification
- Industrial powershift transmission and heavy duty axles
- Modular frame construction
- Dedicated hydraulic system
- Superior hydraulic steering
- Adjustable front/rear suspension matching GVW
- Tight turn radius
- FOPS/ROPS Level II certified cabs
- Four-wheel SAHR braking
- Operator-friendly suspension for smoother ride
- Industrial style door safety detents
- Heavy gauge cushion impact frame material
- Forward facing seating
- Insulated sound dampening
- 3-speed high volume heating and ventilation system
- Enhanced ergonomics and comfort
- Standard 3-point harness

CAB/CHASSIS EXCEED ISO REQUIREMENTS:

- ROPS - ISO 3471:2008
- Seat index point - ISO 5353
- FOPS - ISO 3449 Level 2
- Seatbelt restraint anchorage -ISO 6683

MODULAR FRAME ELIMINATES THE NEED TO CUT AND REWELD UNDERGROUND:

- Reduced cost of underground commissioning
- Easier attachment change
- Ability to deliver modular components underground in the smallest of cages

DESIGNED AND BUILT SPECIFICALLY FOR UNDERGROUND MINING

The KT200 is not an adapted, converted or modified vehicle. It is built from the ground up using advanced technology with proven components to make a vehicle that outperforms the competition in all categories

NOTE: This vehicle is not approved for public road use

KT200 SPECIFICATIONS

GENERAL SPECIFICATIONS

Seating Capacity (Including Operator)*	2 to 9 persons	
Inner Turning Radius	14 ft. 6 in.	3.35 m
Outer Turning Radius	24 ft. 4 in.	7.42 m
Gross Vehicle Weight Rating	13000 lbs	5897 kg
Base Vehicle Weight	7000 lbs	3175 kg
Maximum Carrying Capacity *	6000 lbs	2727 kg

GENERAL DIMENSIONS

Overall Height *	80 in.	2.03 m
Overall Width (Running Boards)*	77 in.	1.96 m
Overall Length *	204-3/4 in.	5.20 m
Wheelbase	124 in.	3.15 m
Ground Clearance (Differential)	10 in.	0.25 m
Ground Clearance (Transmission)	11 in.	0.28 m
Ground Clearance (Running Boards)	16.5 in.	0.42 m

ENGINE

Make / Model	Cummins / QSB 3.3	
Type	Turbocharged Diesel, Tier III	
Certifications	CANMET, MSHA	
Rated	110 HP @ 2200 RPM	
Maximum Torque	306 ft-lb @ 1600 RPM	
Cylinders / Displacement	4 / 3.3 L	

FUEL SYSTEM

Fuel Tank Capacity	88 liters	23.2 US gallons
Lift Pump	Mechanical	
Fuel Shut Off	Solenoid	

AXLES & TYRES

Front and Rear Axle Make	Dana	
Front Axle Steering	Integral Steering Cylinder	
Front Axle Capacity	12500 lbs.	5669.9 kg
Rear Axle Capacity	12500 lbs.	5669.9 kg
Suspension Travel	7 in.	0.18 m
Tires	LT235 / 85 / R16	

BRAKE SYSTEMS

Service Brakes	Fully enclosed wet disc, piston actuated.	
Emergency / Park Brakes	Fully enclosed, spring applied / hydraulic release (SAHR) wet disc brakes.	

HYDRAULIC SYSTEM

Type	Open Center	
Pump	Gear Type (PTO driven)	
Main Relief Pressure	2750 psi	
Hydraulic Tank Capacity	88 liters	23.2 US gallons

ELECTRICAL SYSTEM

Voltage	12V
Alternator	120 Amp
Front and Rear Lights	6-LED High Output
Other Features:	NEMA 12 Enclosures
Complete Mine Grade Wiring Package with Bostrig Cables Throughout	

SAFETY & ENVIRONMENTAL STANDARDS

Cab/Chassis ROPS: ISO 3471:2008, CSA B352.0-09	Cab/Chassis FOPS: ISO 3449 LEVEL 2, CSA B352.0-09	
Driver's Envelope: ISO 3411	Control Devices: ISO 6682	
Vibration Emission: EN 1889-1:2011	Hydraulic System: ISO 4413	
Braking System: ISO 3450:2011, CSA-M424.3-M90	Underground Mine Machines: EN 1889-1:2011	
Seat Belt Restraint: IISO 6683	Steering System: 1889-1:2011	

STANDARD EQUIPMENT

Hour Meter / Ammeter	Fuel Gauge
Horn / Back-up Alarm	Engine Temp. Warning Light
Engine Oil Press. Warning Light	Exhaust Blankets Manifold and Turbo
Neutral Safety Switch	Emergency Stop Button
Electronic Throttle	Ergonomic Compartment
Interior Sound Insulation	Windshield Wipers
Drivers Door Brake Interlock	Air Conditioned
Spare Tyre	Turn Signals
Digital Engine Display	Reversing Camera
Exhaust Scrubber	

OPTIONAL EQUIPMENT

Crew Cab / ROPS/FOPS for Cab	Cab Heater and A/C
Turn Signal / Lighting Packages	Cold Weather Package / ESPAR Heater
Toolboxes / Crane on Rear Deck	Scissor Lift
Telescopic Aerial Boom	Welding Package
Rear Passenger Enclosures	Underhood Air Compressor
Power Inverter	CE Certification Package

KM200

- ✓ LOW CAPITAL COST
- ✓ SMALL FOOTPRINT
- ✓ FULLY CUSTOMISABLE
- ✓ EASY ATTACHMENT CHANGE
- ✓ POWERSHIFT FULLY SYNCHRONIZED 4X4 TRANSMISSION





The safest, toughest, most reliable and versatile machine in its class

THE KM200 HAS A PROVEN TRACK RECORD IN THE MINING INDUSTRY:

- Highly successful safety record
- Units operating with over 20,000 hours in the field
- Triple the life of tractor type utility vehicles
- Unsurpassed reliability and availability

SAFETY FEATURES:

- Improved line of sight for greater visibility and safer material handling
- Superior operator ergonomics
- Ramp certified
- Extensively tested for stability

ABOVE INDUSTRY STANDARD COMPONENTS:

- Turbo-charged, 4 cylinder engine exceeds underground emission standards (MSHA/CANMET)
- Powershift fully synchronized 4x4 transmission
- Proven industrial type front and rear axles with enclosed wet discs and SAHR type braking
- Ergonomically designed operator compartment with easy read gauges and fire-resistant wiring
- Flip-open hood for quick maintenance access
- Conforms to EN 1889-1:2011 and available with FOPS/ROPS certified enclosed cab

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UNDERGROUND MINING UTILITY VEHICLES PURPOSE BUILT FOR UNDERGROUND MINING

The Kovatera KT200 vehicles are fast proving themselves to be a reliable advantage underground.



Heavy duty, purpose built for ease of maintenance and performance

Designed and purpose built for Australia's harsh underground mining conditions



The safest underground mining utility vehicle in its class

These vehicles are a safe, robust underground utility vehicle designed to provide maximum safety to all involved in the mining process.



Unheard-of length comprehensive warranty

All of our vehicles come with either a 1 year (1,000 hr) powertrain warranty and a 5 year (5,00 hr) chassis warranty.





Discover why
the KT200 is the safest
underground vehicle in its class.





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