

Mk7.0 TIER 3

Mine Cruiser - Personnel Carrier

Technical Specifications Guide



Vehicles that show their best advantage when mine conditions are most difficult.



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Mine Cruiser - Personnel Carrier

The Mk7.0 Industrea Mine Cruiser utilizes the latest in low emission mechanically injected diesel engine technology, further developed to suit use in underground coal mining through advanced explosion protection methods (AS3584.2).

Standard Features

- ROPS/FOPS Canopy (MDG 1 Class 1)
- 80kW MWM Series 10 4ltr Explosion Protected (AS3584.2)(MDG29) D.E.S
- Low Emission Tier IIIA (Euro III)
- Mechanical Machine safety and engine shutdown system
- Heavy Duty Power Train.
- Heavy Duty A-Frame Suspension
- Ergonomic Passenger Seating
- Improved Particulate Filter Life
- Hydraulically driven alternator

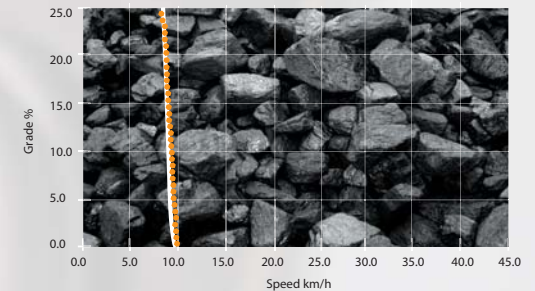
Optional Features

- ROPS/FOPS Canopy to AS2294.1
- Electronic Machine Safety and Engine Shutdown (AS3584.2)
- Electronic Methane Monitoring System
- Passenger Restraint Systems
- Fire Suppression System
- Lockable Storage Compartments
- Reversing lights
- Gel Seats
- Flashing Strobe
- "Cut-Through" Lights
- Wheel Chocks
- Additional Safety Circuit Interlocks
- Up to 14 person seating Forward/Reward facing
- Up to 12 person seating side seat

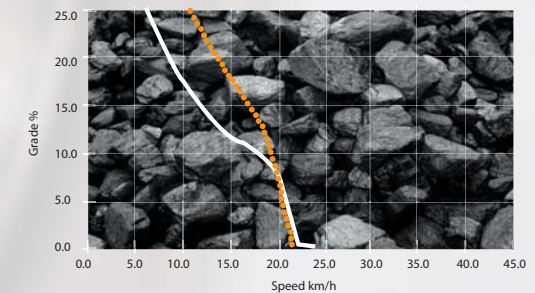
Performance Analysis

Key ■ Mk 7.0 □ Mk 6.0

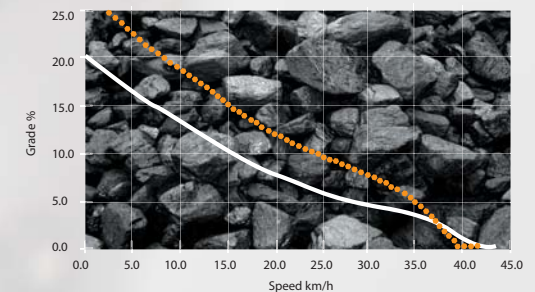
1st



2nd



3rd



Installed **Tier 3** Diesel Engine System

Specifications

Engine

Type:	4 cylinder Diesel Turbo Charged/After Cooled
Make/Model:	MWM 4.10TCA Series 10
Power:	80kW @ 2400 rpm
Torque:	360Nm @ 1600 rpm
Fuel Injection:	Mechanical
Capacity:	4.3 litre
Emissions:	Tier 3 (Euro IIIA)
Exhaust:	Wet Bath Conditioner w/ Particulate Filter

Transmission

Type:	Power Shift
Make:	Dana/Clark
Model:	20,000 3 Speed Power Shift Intermediate drop
Transfer:	Integral 4wd

Axles

Type:	Front- Planetary Steer, Rear - Planetary Rigid
Make:	Dana
Model:	Front - 212, Rear - 112
Capacity:	Static – 16,000kg, Dynamic – 8,000kg

Suspension

Type:	A-Frame front and rear
Springs:	Coil Springs
Shocks:	Double Acting oil shock absorbers

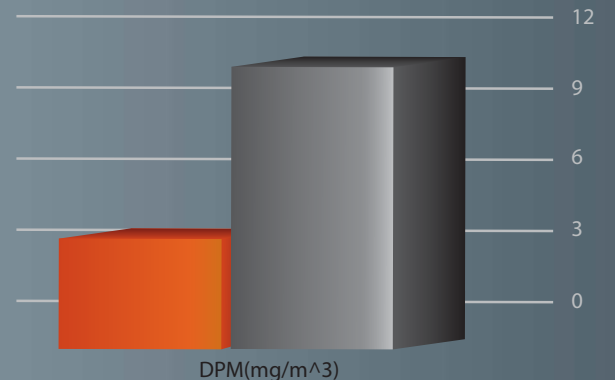
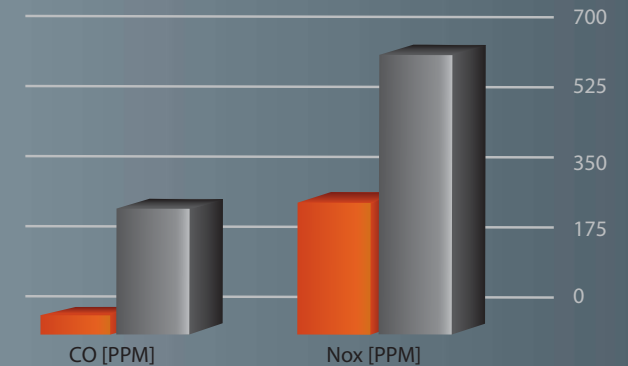
Dimensions

Overall Height mm:	1750,1800,1900,1950,2000
Overall Length:	6446mm
Width:	2000mm
Ground Clearance:	330mm (Chassis)
Weight (Unladen):	5400kg
GVM:	6600kg (Base Machine)



Engine Comparison (Preliminary)

Key ■ Mk 7.0 ■ Mk 6.0



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