

MUV5 MULTIPURPOSE UTILITY VEHICLE

CE certified, with ROPS and 2nd level FOPS certified operator cabin, suitable for working in underground mines, 4x4 chassis mounted, with powershift fully automatic transmission, MUV5 Multipurpose Utility Vehicle specifications are as follows:



Diesel Engine

Make / Model:	Deutz TCD 3.6 L4
Engine capacity:	3600 cm ³
Number of Cylinders:	4 Cylinders
Cooling System:	Water Cooled
Max. Rev.:	2200 rpm
Max. Power:	80 kW at 2200 rpm
Max. Torque:	460 Nm at 1600 rpm
Engine Emissions:	EU Stage 3 / US EPA Tier 3
Diesel Tank:	80 lt
<ul style="list-style-type: none"> Exhaust catalyst Silencer 	

Transmission

Make / Model:	Dana Spicer T12.000
	Powershift Transmission
	Fully Automatic 4-forward, 3-reverse
	4-wheel drive

Axles

Make:	Dana Spicer
Front:	211 Drive axle
Rear:	111 Rigid axle
Type:	Planetary
Steering Angle:	45°
Suspension Front:	Hydraulic shock absorber + coil spring + stabilizer arms
Suspension Rear:	Hydraulic shock absorber + leaf spring
Rear axle with differential lock	

Performance

Max. Gradient:	30%
Max. Speed:	
1 st gear:	6.0 km/h
2 nd gear:	11.0 km/h
3 rd gear:	27.0 km/h
4 th gear:	40.0 km/h

Tyres

285 75 R16
Tubeless Tyre
Lug Nut Torque Indicator

Steering

Angle:	+/- 45°
	Orbitrol Type
Inner Turning Radius:	2.975 mm
Outer Turning Radius:	6.390 mm

Brake System

Service Brake: Dual circuit, oil immersed multi-disc brakes on both axles
 Parking Brake: Spring applied hydraulically released (SAHR) parking brake on both axles

Electric System:

Battery:	2x12V - 115 Ah
Lights	
Headlamp:	Dipped, High, Signal, Fog LED
Rear Lamp:	Parking, Brake, Signal Combined LED
Working Lamps:	Front 2x1500 lummen LED
	Rear 2x1500 lummen LED
	Direction lights (Red-Green)
	All signals and taillights
	Amber flashing light on cabin
	Horn
	Reverse Alarm
	12V DC output for vehicle radio
Battery Isolator Switch (locked type)	
Starter Isolator	

Operator's Cabin

- Closed 1+4-person cabin with **AC**
- ROPS/FOPS Level 2 Certified**
- CANBus Control System with 7" HMI Display + cluster for full monitoring of safety and drivetrain information with warning and logging
- Seat with Low Vibration Effect, Weight Adjust Feature, Safety Belt
- Rear view camera and LCD Screen
- Arms and Indicators for All Driving Controls
- 12V DC output for vehicle radio
- 24V DC Main Isolation Switch
- Electronic Gyro
- Glove box
- Laminated Front and Tempered Rear Windows with resistance
- First-aid kit
- Sliding Side Windows Complying with Occupational Safety Standards
- 3 Wipers with Water Flushing
- Lockable Doors
- Outdoor Temperature Display
- Electrically adjustable side mirrors with resistance and turning signal lamps
- Open Doors Sensor for 4 Doors
- Dashboard and displays: Safety and critical warnings & alarms displayed as text and light.
- Telescopic and Tilting Steering Wheel Column



TECHNICAL SPECIFICATIONS

Chassis

Type: High Strength Steel

Dimensions & Weigh

Weight:	4.750 kg
Total Operating Weight:	6.200 kg
Length:	5.450 mm
Width:	2.000 mm
Height:	2.130 mm

Other

- **2x2kg Portable Fire Extinguisher in the cabin**
- Warning Signs and Labels
- Reverse Drive Light and Alarm
- 1-wheel chock
- Front - Rear Towbar
- Fire Supression System (Titan)

Options

- Fire Supression System (ANSUL)
- Spare Wheel
- Air Compressor
- Crane
- Electric Winch on Front Bumper

MUV5 Variants

- Scissor Lift
- Personnel Carrier for 10 People
- Lubrication and Maintenance Vehicle
- Explosive Carrier

