

# MDT430

## TRUCK OFF-ROAD



OUR STRENGTH IN YOUR

## TECHNICAL SPECIFICATIONS

### TURBO ENGINE

Manufacturer	Scania Latin America Ltda.
Model	DC13-76A – MAR-1 / TIER 3
Net power (ISO 3046)	294hp (218kW) @ 2,100RPM
Gross power (ISO 3046)	350hp (257kW) @ 2,100RPM
Maximum torque	1636 Nm @ 1,500RPM
Injection type	Direct Electronic
Nº of Cylinders / Displacement	6 / 12.7l
Aspiration	Turbo Intercooler

### TRANSMISSION

Manufacturer	ALISSON TRANSMISSIONS
Model	HD 4.430 ORS
Speeds	5 forward gears and 1 reverse gear

### WHEELS

Hoop	11:25 x 25"
Tire	16:00 x 25" 32PR E4
Front	Simple
Rear	Double

### WEIGHTS

Total empty weight	19.300kg
Total loaded weight	49.300kg

### ELECTRICAL SYSTEM

Alternator	100A
Battery	2 baterías de 12 V
Voltage	24V
Lighting	<ul style="list-style-type: none"><li>• 2 faros LED con luz alta y baja.</li><li>• Luces direccionales delanteras y traseras en LED.</li><li>• Luces traseras con luz de freno y luz trasera posición (media luz) en LED.</li><li>• 2 luces de marcha atrás LED continuas.</li><li>• Luz de cortesía LED.</li></ul>
Instrument panel	Backlight illumination system

### PANEL

Virtual terminal with 7" touchscreen display, for management and control of the electronic system.

Viewing transmission and engine fault codes, as well as the ABS and ASR, air conditioning control and information on the need for preventive maintenance.

Panel with rubberized keys.

### AXES

Front	Inverse Elliot type, with welded beam and forged ends in steel
Rear	Differentials with floating half shafts and reduction gears planetary gears in the hubs. With four planetary gears supported on conical bearings and cast steel housing. Total reduction ratio 11.73:1

### TRANSMISSION

Tilting time	18s
Tilting angle	58°

### LOAD CAPACITY

Shallow crowning	15.0m³ (without lid) 15.5m³ (with lid)
Crowning 2:1	18.5m³ (without lid) 19.2m³ (with lid)

### SERVICE CAPACITY

Fuel	315l
Crankcase + filters	45l
Transmission	44l
Cooling system	55l
Rear axle	38l
Hydraulic system	120l

### SUSPENSION

Front	Double-stage semi-elliptic leaf springs, double-acting telescopic hydraulic shock absorbers and rubber and bar stops of reaction.
Rear	Rigid, with axle beam fixed to the chassis.

### STEERING SYSTEM

Type	Hydrostatic with servostat and two cylinders opposite. With variable flow axial piston pump coupled directly to the engine. With emergency direction.
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Ignition key.

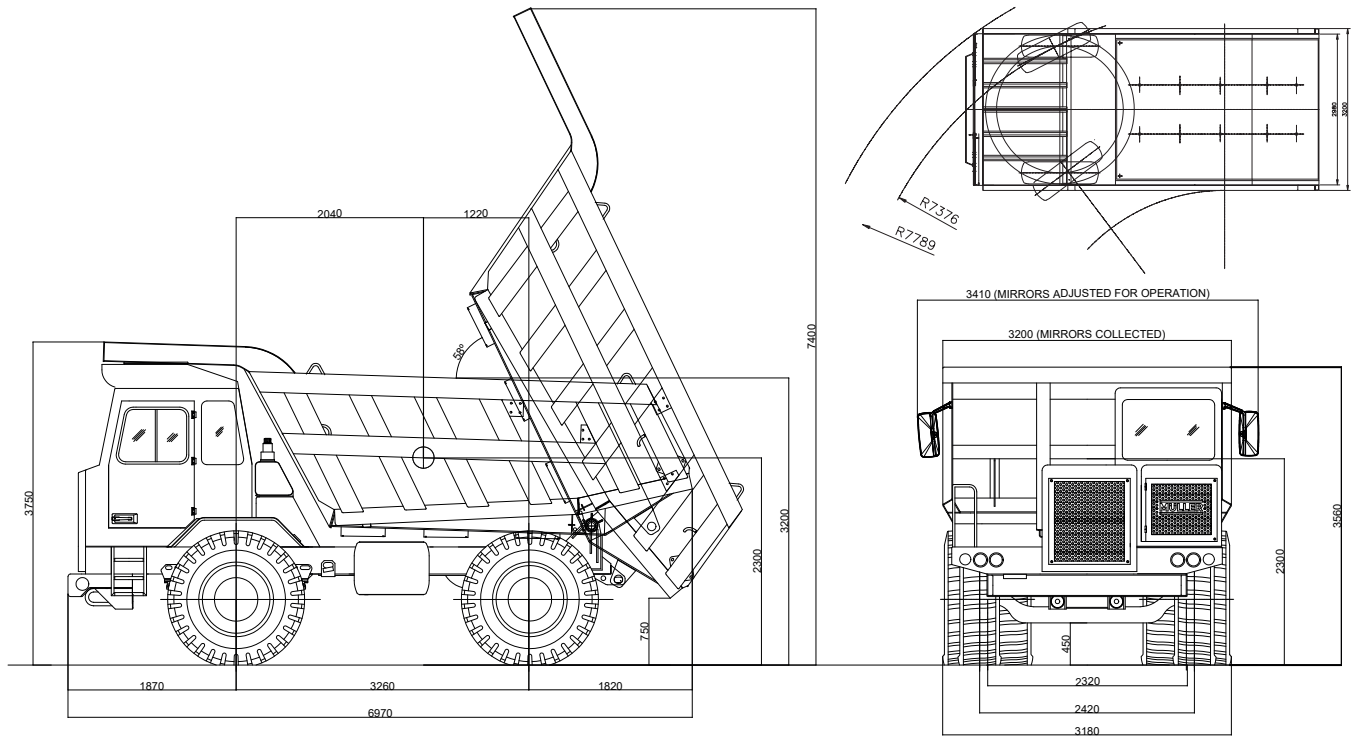
Tilting joystick.

Selector lever for the "Retarder" function.

Gear selector panel.

In the column: combination switch (lever) for lights, horn, windshield wiper/washer.

## OVERALL DIMENSIONS



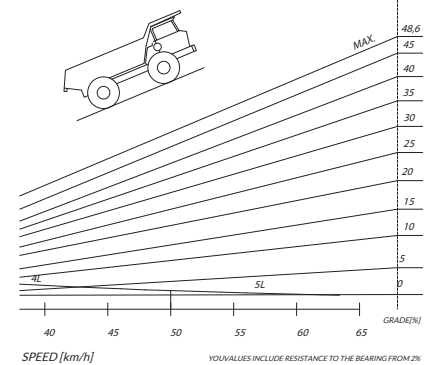
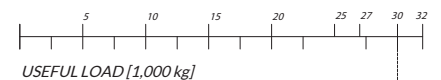
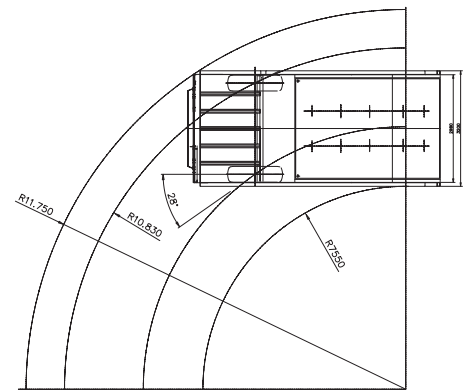
## STANDARD ITEMS

- 2 LED headlights and 2 LED taillights
- Reverse gear audible alarm and reverse lighting
- Air suspension seat
- Sealed battery 150Ah 900 CCA
- Air horn
- Closed cabin with air conditioning
- Rear View Camera
- System master key
- Seat belt
- Internal, external and side rearview mirrors
- Fire extinguisher
- Rear wheel stone extractor
- Parking brake
- Inclinator
- Fuel Gauge
- Engine fault indicator
- Engine temperature gauge
- Warning light (brake, engine oil pressure, engine oil temperature, low fuel and battery)
- Operation and maintenance manual and parts catalog
- Instrument panel with hour meter
- Windshield, front wiper
- Operator platform on rubber shock absorbers
- Lifting points
- Storage compartments, cup holders
- Analog dashboard clocks
- Retarder
- Silent

## OPTIONAL

- Bucket raised alarm
- Preventive maintenance contract
- Custom painting
- Tire E3
- AM/FM/MP3 radio with USB and speakers
- Central lubrication system
- Satellite monitoring system
- Redesigned rear cover, with new arms and new fixing system

\*Specifications subject to change by the manufacturer without notice.



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