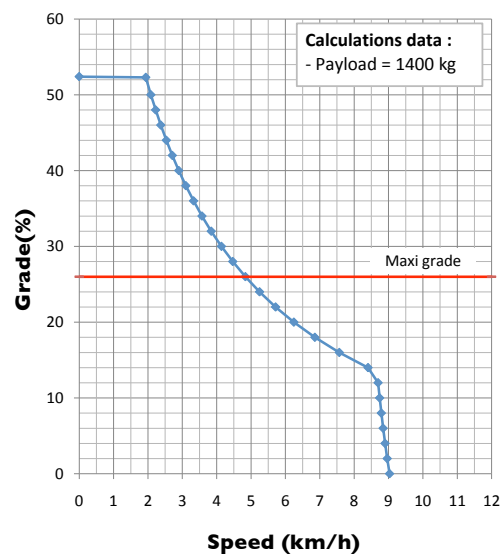
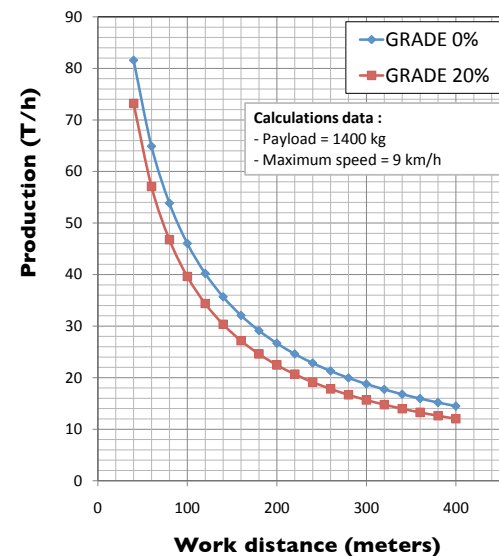


PERFORMANCES

SPEED ON GRADE



PRODUCTION in T/h



STANDARD EQUIPMENTS

- Certified ROPS/FOPS Canopy over operator
- Hydrostatic Transmission
- Operator's door with bucket & steering interlock when door's open
- Pilot operated steering joystick (Left)
- Pilot operated steering joystick (Right) with Fwd, Neut & Rev integrated buttons
- Seat with armrest and Safety belt
- Dash Board with Default Indic Gage, Front & Rear lights and Horn switch. Engine Stop/Start keyed switch
- Manual centralized lube system
- BackUp Audio / Visual Alarm
- Glow plug for cold starting
- Replaceable inserts to central hinge, bucket and boom articulations
- Dump Cylinder Protection
- Safety Central hinge locking device
- Safety Boom Raised locking device
- Brake test System
- Complementary Service & Park Spring Applied multidisc brake
- Michelin 8,5R15 X-Mine D2

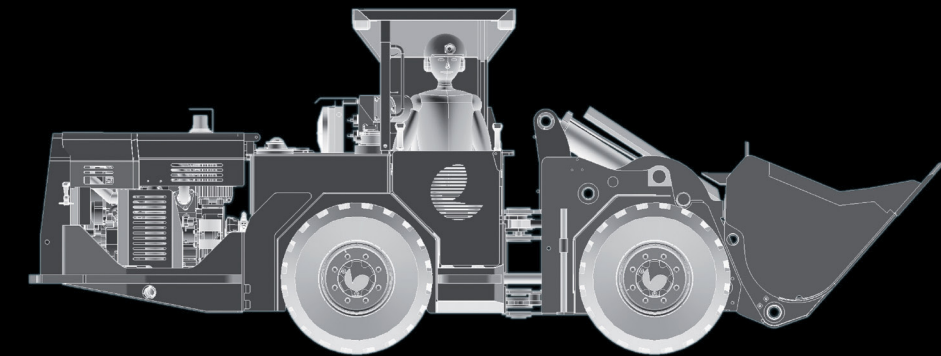
OPTIONS

- Automatic lube system
- Extinguisher
- Fire Suppression system (Powder or Watermist)
- Radio Remote Control system RRC
- High Altitude compensation (Deutz)
- Emergency Power Steering
- Bucket with high abrasive blades reinforcement
- EOD Bucket with pusher blade
- Gear basket "Fit in" bucket
- Cylinders pilot check valves
- Drill kit with hydraulic Drifter

L150D miniLoader® TECHNICAL SPECIFICATIONS
En20170612

L150D miniLoader®

Diesel power technical specifications



- Capacity** 1400kg
- Bucket** 0,6 to 0,8 m³
- Width** 1205 à 1290 mm
- Power Diesel Purified**
- Electric Version also**

The miniLoader L150D, is specially designed for underground mining works in narrow section and narrow vein mining. With a width of 1.205 to 1.290 m and a tramming capacity of 1.4 tonnes, the L150 is ideal to raise your productivity without the need of increasing your gallery sections. Its modern transmission and components result in a high reliability with simple maintenance and fully safe operation.

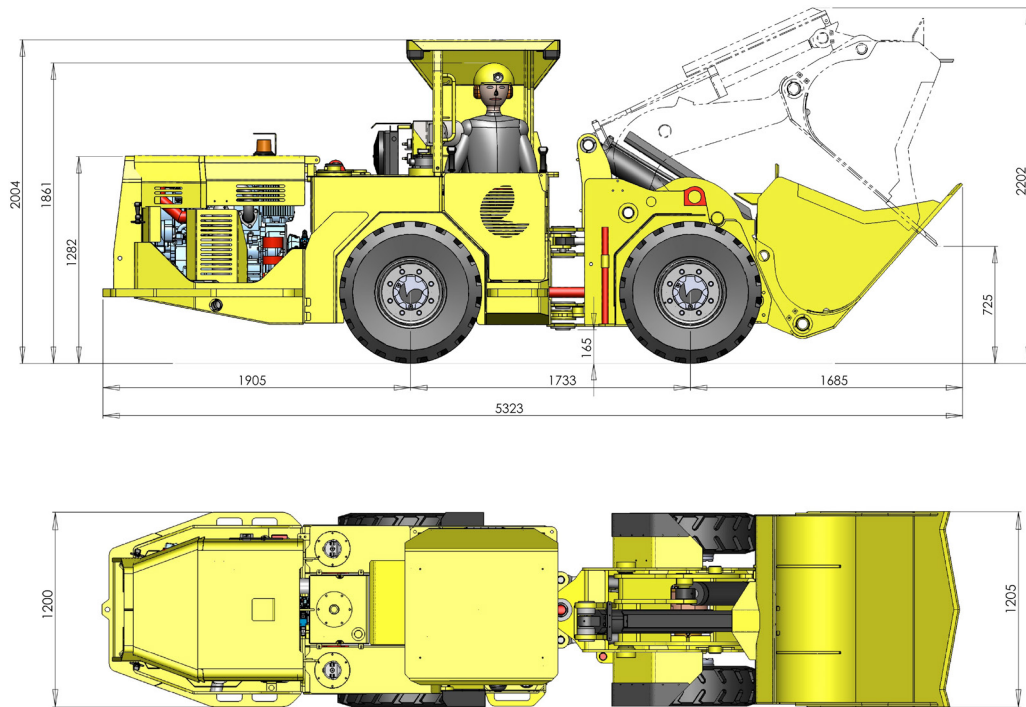
The chassis and articulations are designed for the toughest application, in order to allow a high availability with a longer life time.

The operator's compartment is side seated to comply perfectly with the underground requirements, with smooth and ergonomically located joysticks to offer comfort and safety to the operator and maintenance personnel.

The electric version of the miniLoader L150 fitted with a simple and robust cable reel designed for tramming and equipped with an automatic cable tension system, allows the utilization of the miniLoader with less noise and low ventilation.

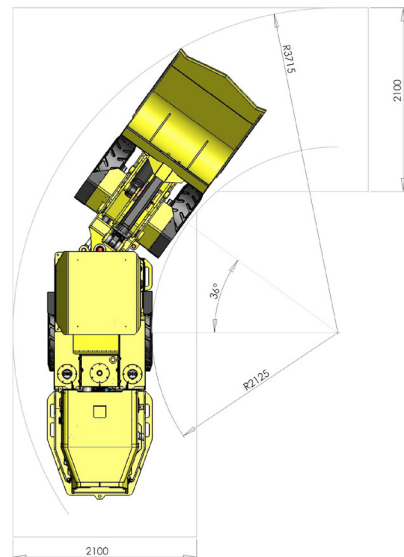
SPECIFICATIONS

DIMENSIONS (0,7m³ bucket view)



TURNING RADIUS

(0,7m³ bucket view)



RECOMMENDED DRIFT SIZE

(Canopy mounted)



SPECIFICATIONS

CAPACITIES

Tramming Capacity 1 400 kg
 Static Tipping Load 3 150 kg
 Breakout Force, tilt (SAE) 4 000 kg
 Breakout Force, lift (SAE) 3 400 kg
 Empty weight 4 800 kg
 Empty Front 1 400 kg / Rear 3 400 kg
 Loaded Front 3 400 kg / Rear 2 800 kg
 Standard bucket volume : 0,7m³

Density (t/m³)	1.72.0	2.0	2.3
Volume (m³)/(yd³)	0.8/1.05	0.7/0.92	0.6/0.78
Width (mm)	1290	1205	1205

SPEED

Vehicle Speed Loaded: 0 to 9 km/h
 Bucket and Boom speed:
 Boom : Raising 3,8s / Lowering 3s
 Bucket : Roll Back 4,4s / Dumping 5,7s

DIESEL ENGINE & SYSTEM

Choice between 2 engines:

DEUTZ®

Model D914L4 – CE: III3A et MSHA certified available – (53kW)

Option:
 Model BF4L914 - High Altitude – (53kW @ 4000m ASL)

Exhaust : Catalytic purifier and Silencer.

TRANSMISSION

Hydrostatic Transmission fully reversible
 Pump: variable displacement 71 cm³ @ 400 Bars
 Motor: fixed displacement 56 cm³

FRONT AND REAR AXLES

Front & Rear axles, Aramine A5095 Series
Front: Rigid axle with wheel end planetary and Nospin® differential lock type
Rear: Oscillating mounted axle with wheel end planetary, and standard differential
Dropbox mounted on rear axle

OSCILLATION

Rear axle mounted on oscillation frame with 12° articulation (6 degrees in each side)

ELECTRIC SYSTEM: 12V

Sealed electrical system with replaceable harness
 Batterie: 12V 105 Ah
 Starter & accessoires: 12V
 Alternator: 95 A
 2 front & 2 rear lights: 12V 17W

ELECTRIC SYSTEM: 12V

Suction strainer 100 microns
 Return filter 25 microns cartridge
 Fluide Class 68
 Hydraulic gear type pump 4 lcc
 Hydraulic Pilot Steering & Bucket Controls.
 Hydraulic Cylinders, double acting type:
 One (1) for Stab (Ø piston: 125 mm)
 One (1) for Hoist (Ø piston: 125 mm)
 Two (2) for Steering (Ø piston: 63 mm)

BRAKES

Service : Hydrostatic brake with pedal control and Spring Applied multi-disc assistance.
Parking & Emergency : LCB multi-discs brake, Spring Applied Hydraulic Release, mounted in rear axle.
 Manual and/or automatic actuation in case of energy loss (hydraulic, electric, engine) and when operator is out of seat.

TIRES

Michelin: 8,25 R 15 X mine D2
 Mounted on demountable rims

TANK CAPACITIES

Fuel : 50 L (Bolted)
 Hydraulic 80 L (Welded to frame)
 Hydrostatic : 70 L (Welded to frame)
 All tanks with access cover (easy cleaning)

OPERATOR'S COMPARTMENT

Side Seated Operator, for better visibility in both directions
 Seat with suspension, armrests and safety belt.
 Ergonomically located Steer & Bucket pilot joystick
 ROPS/FOPS Certified bolted Canopy with Back Protection
 Entry door with bucket & steering interlock