



ALPIN MAKINE

Mining Machinery Series



**NAME OF POWER,
PERFORMANCE AND QUALITY**






Alpin mining series offers you the most economical solutions to load and transport your loads at narrow mining reefs.

MEETS ALL YOUR NEEDS,
REDUCE COST PER TON
INCREASE PRODUCTIVITY

Alpin Mining Machines are specially designed to work for narrow underground mine reefs.

 LHD1.2 LHD - Load Haul Dumper



 RD125-1 Rock Driller



 UA6P  UA12P
First Aid and Rescue Vehicle



 MT75  MT100 Mini Dumper



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Mining Series



LHD - Load Haul Dumper



Overview

The LHD series, which is an indispensable part of underground narrow mine galleries, is a loader of difficult areas with its 78 HP diesel motor, articulated 36° angle and carrying load feature with 20° angle. The operator seat, that can be positioned laterally, provides the best view when driving forward and backward.



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Technical Specifications

PERFORMANCE

Loading Capacity	1200	kg
Operating Weight	4080	kg
Speed	0-8	km/h
Max. Gradeability	20°	(°)
Articulation- Steering	±36°	(°)
Articulation- Oscillation	±7°	(°)
Operation	Joystick	

ENGINE

Engine (Standard)	Deutz / D914L4
Engine Power	78HP- 58 kW @ 2300 RPM
Fuel Type	Diesel
Displacement	4300 cm ³
Cylinder	4
Cooling System	Air
Fuel Tank	50 Lt

HYDRAULIC SYSTEM (REXROTH BOSCH)

Drive Pumps	63 CC Pump 340 Bar
Drive Engine	63 CC Pump 400 Bar
Boom And Bucket Pumps	32 CC 180 Bar
Directional Pump	6 CC 140 Bar
Fan Driver Pump	14 CC 160 Bar
Operation	Joystick
Transmission	Reversible Hydrostatic Transmission With Varying Output
Axles	Frontand Rear Axles Equipted With Reduced Wheel Levels
Breaks	Emergency (Hydrostatic) Brake System Parking Brakes, Service Brakes

78 HP

Diesel Engine

**Rexroth
Bosch**

Hydraulic System

1.2 TON

Loading Capacity

<20°

Gradeability

36°

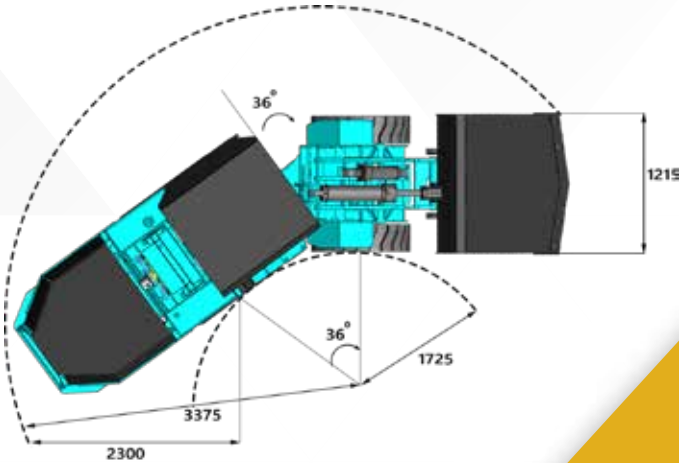
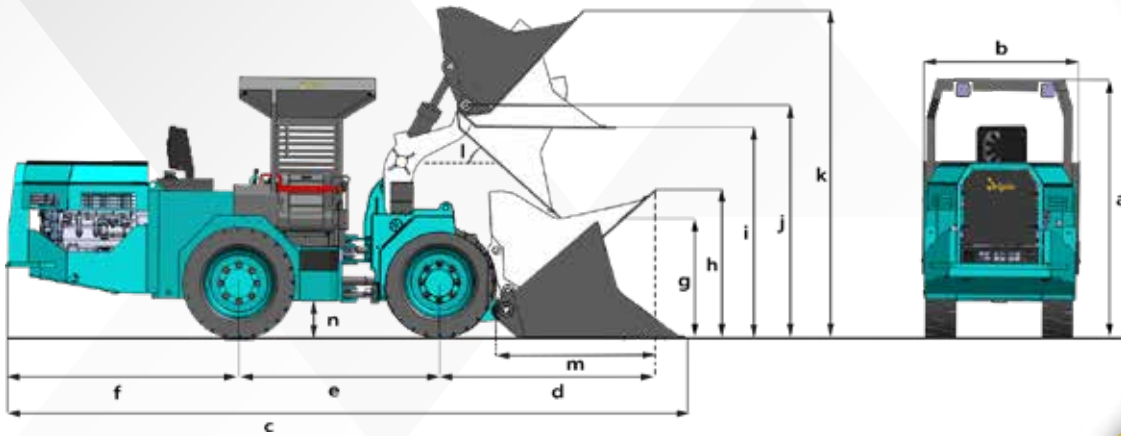
Steering Angle

7°

Oscillation Angle



LHD - Load Haul Dumper



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Technical Specifications

DIMENSIONS

Bucket Capacity	0.55	m ³
Height To Top Of Cab (a)	1920	mm
Width Over Wheels (b)	1200	mm
Total Length (c)	5140	mm
Front Axles- Edge Of Bucket At Carry Position (d)	1505	mm
Wheelbase (e)	1525	mm
Center Line Of Rear Axles-edge Of Chasis (f)	1790	mm
Max. Dump Height (g)	590	mm
Bucket Height At Carry Position (h)	1045	mm
Max. Loading Height (i)	1385	mm
Hinge Pin Height At Max. Lift (j)	1530	mm
Max. Overall Height (k)	2360	mm
Dump Angle (l)	42°	(°)
Bucket Length At Carry Position (m)	1000	mm
Ground Clearance (n)	215	mm

TIRE OPTIONS

Standard Tire
Solid Tire

SIZE

12X16.5
12X16.5

TUBETYPE

TUBETYPE
TUBELESS

ELECTRIC SYSTEM

BATTERY 12V-105A

It does not include any electronical component

STANDARD EQUIPMENT

- Front Headlights ✓
- Horn ✓
- Joystick Control ✓
- Hydrostatic Transmission ✓
- Hydraulic Oil Cooler ✓
- Three Stage Air Cleaner ✓
- Fuel And Water Seperator ✓
- Hydraulic Parking Brake ✓



RD125-1 Rock Driller



Overview

Alpin Rock Drill is designed in line with the needs of underground mining companies and offers a unique solution to open explosive and drill holes by increasing efficiency and reducing cost. Rock drill that can drill up to 1.8 meters deep from 32mm to 42mm diameter saves time and energy.



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Technical Specifications

PERFORMANCE

Operating Weight	5400	kg
Speed	0-8.5	km/h
Drilling Diameter	Ø32-Ø42	mm
Drilling Depth	<1.8	m
Operation	Joystick	

HYDRAULIC HAMMER

Model	HVKS 125-1 PV	
Weight	169	kg
Percussive System Operating Pressure	130-200	bar
Percussive System Flow Rate	max. 75	dm ³ /min
Impact Rate	0-4500	pcs/min
Impact Energy	0-250	J
Rotative System Operating Pressure	70-120	bar
Rotative System Flow Rate	max. 75	dm ³ /min
Drill Rod Rotation Rate	0-400	RPM
Torque	310	Nm

ROTATOR

Rotating 360°	180 Bar, max. 50 Lt/ min
Rotating 180°	180 Bar, max. 20 Lt/ min

FLUSHING

Operating Pressure	10-30 Bar
Volumetric Flow Rate	max. 34 dm ³ / min

85 HP

Diesel Engine

**Ø32-
Ø42mm**

Drilling Diameter

< 1,8m

Drilling Depth

8,5 km

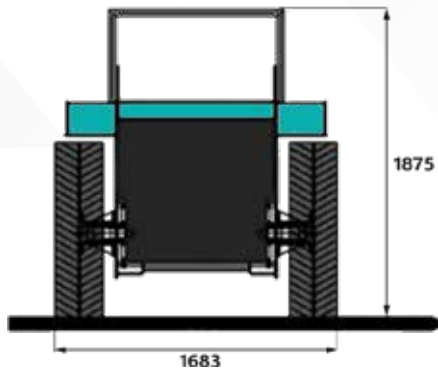
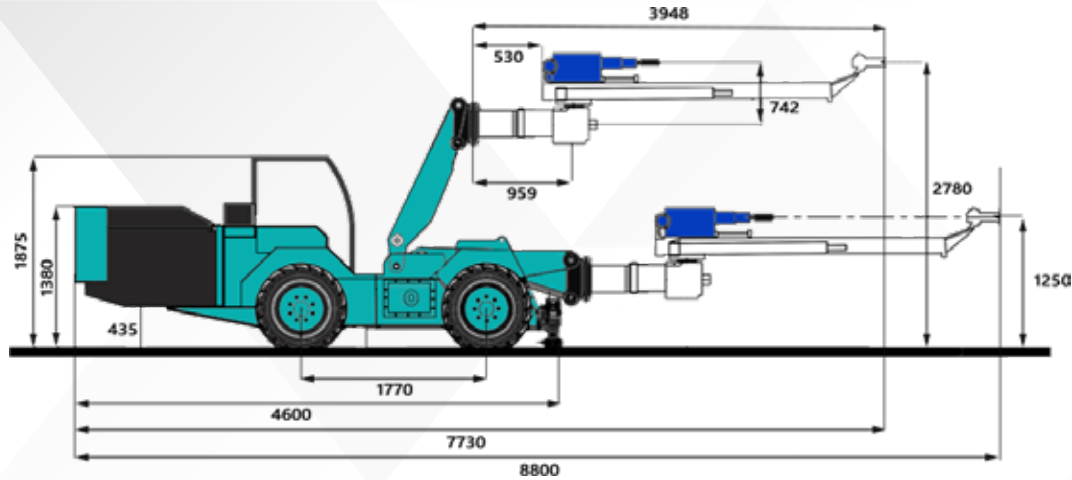
Speed

>2x2m

Reaching Area



Rock Driller



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Technical Specifications

CARRIER VEHICLE

Engine	DEUTZ/ TD2011L04W
Engine Power	85HP-64,6kW@2600 RPM
Fuel Type	Diesel
Displacement	3619 cm ³
Cylinder	4
Cooling System	Liquid

LIQUID CAPACITIES

Fuel Tank	80 Lt
Hydraulic Oil	200 Lt
Engine Oil	11 Lt

HYDRAULIC SYSTEM (REXROTH BOSCH)

Running Pumps	45 CC + 45 CC Tandem Pump 320 Bar
Boom Pump	75 CC 340 Bar
Fan Driver	14 CC 200 Bar
Balance Cylinder	6,3 CC 200 Bar
Controller	Joystick
Breaks	Hydrostatic Break System

ELECTRICAL SYSTEM

Battery	12V - 105A
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It does not include any electrical component.

TIRES

Tire	12x16,5
Rim	12x16.5



Mini Dumper



Overview

Mini Dumper, which is designed by Alpin Engineers in accordance with the needs of the underground mines, can easily work even in narrow 2x2 meter galleries and can easily cope with the challenging mine conditions thanks to its high maneuverability with its Skid Steer feature, 4-ton carrying capacity, 100HP motor and 4x4 propelling force, is the indication of underground Turkish Power. MT series Mini Dumper are the most suitable solution for economical transporting of the material at long distances.

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Technical Specifications

PERFORMANCE

Loading Capacity	4000	kg
Operating Weight	3260	kg
Speed	0-8	km/h
Max Gradeability	20°	(°)
Operation		Joystick

ENGINE

	MT75	MT100
Engine (Standard)	Kubota V3307-DI-T	Kubota V3800-DI-TE
Engine Power	74.3hp-55,4 Kw @ 2600 RPM	100 HP-72,8 kW @ 2600 RPM
Fuel Type	Diesel	Diesel
Displacement	3331 cm3	3769 cm3
Cylinders	4	4
Cooling System	Liquid	Liquid

HYDRAULIC SYSTEM (REXROTH BOSCH)

Drive Pumps	45 CC + 45 CC Tandem Pump	320 Bar
Attachment Pump		32 CC 200 Bar
Operation		Joystick
Brakes		Hydrostatic Brake System

**75 HP
100 HP**

Diesel Engine

**Rexroth
Bosch**

Hydraulic System

4 TONE

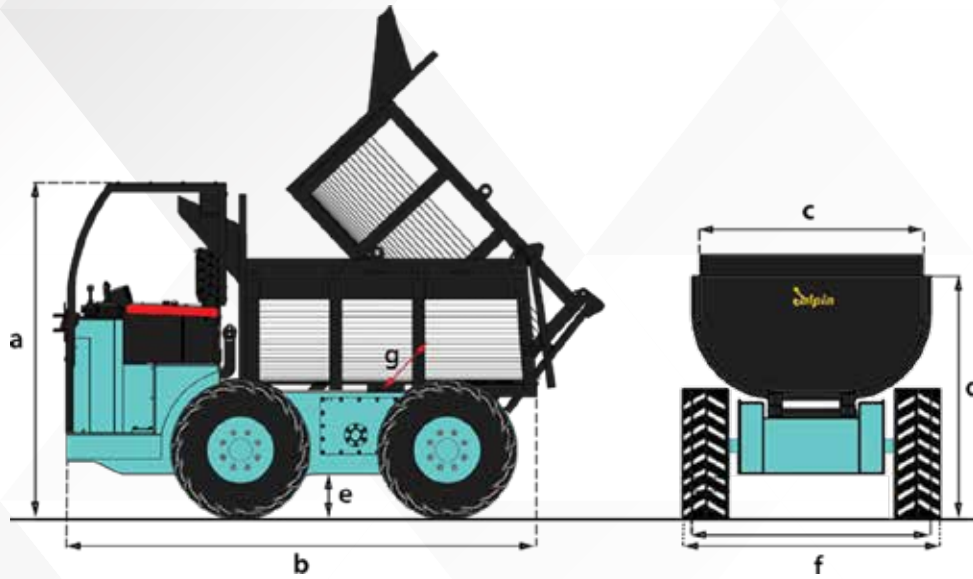
Loading Capacity

<20°

Gradeability



Mini Dumper



Technical Specifications

DIMENSIONS

Dumper Capacity	2	m ³
Height To Top Of Cab (a)	1870	mm
Total Length (b)	3000	mm
Dumper Width (c)	1480	mm
Dumper Height (d)	1600	mm
Ground Clearance (e)	270	mm
Width Over Wheels (f)	1580-1770	mm
Dump Angle (g)	50°	(°)

TIRE OPTIONS

Standard Tire
Optional Tire

SIZE

12X16.5
8,25X15

TUBETYPE

Tubetype
Tubetype

ELECTRIC SYSTEM

Battery 12V-105A

It does not include any electrical component.

STANDARD EQUIPMENT

Front Headlights	✓
Horn	✓
Joystick Control	✓
Hydrostatic Transmission	✓
Hydraulic Oil Cooler	✓
Three Stage Air Cleaner	✓
Fuel And Water Separator	✓
Hydraulic Parking Brake	✓



First Aid and Rescue Vehicle



Overview

The need of Alpin First Aid and Rescue Vehicle is realized as essential for mining companies which demand it from day to day through the opportunity to move fast in the event of injury or accidents occurred underground, to intervene timely and appropriately to in vital issues, and it creates a chance to reliably get the injured people to the earth surface.



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Technical Specifications

PERFORMANCE

Loading Capacity	6+1/12+1	Person
Operating Weight	3260	kg
Speed	0-8	km/h
Max Gradeability	20°	(°)

ENGINE

Engine (Standard)	Kubota V3800-DI-TE
Engine Power	100 HP-72,8 kW @ 2600 RPM
Fuel Type	Diesel
Displacement	3769 cm3
Cylinders	4
Cooling System	Liquid
Fuel Tank	54 Lt

HYDRAULIC SYSTEM (REXROTH BOSCH)

Drive Pumps	45 CC + 45 CC Tandem Pump 320 Bar
Attachment Pump	32 CC 180 Bar
Operation	Joystick
Brakes	Hydrostatic Brake System

100 HP

Diesel Engine

**6+1
12+1**

Capacity

**Rexroth
Bosch**

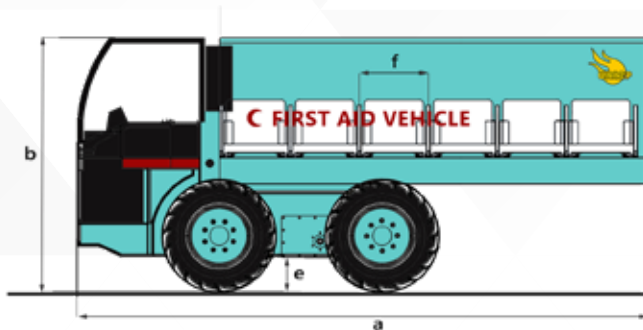
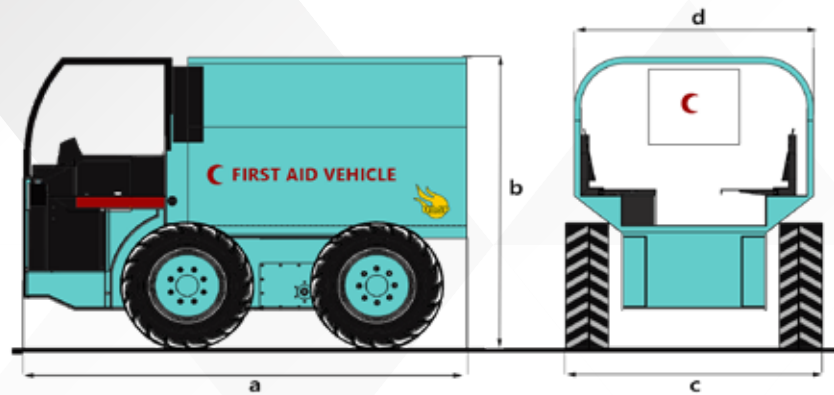
Hydraulic System

8 km

Speed



First Aid and Rescue Vehicle



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Technical Specifications

DIMENSIONS

Total Length UA6P (a)	2950 mm
Total Length UA12P (a)	4370 mm
Height To Top of Cab (b)	1950 mm
Width over Wheels (c)	1700 mm
Width over Chassis (d)	1588 mm
Ground Clearance (e)	271 mm
Seat Width (f)	530 mm

TIRES

Standard Tire
Solid Tire

SIZE

12X16.5
12X16.5

TUBETYPE

Tubetype
Tubeless

ELECTRIC SYSTEM

Battery 12V-105A

It does not include any electrical component.

Donanim

Front Headlights	✓
Horn	✓
Joystick Control	✓
Hydrostatic Transmission	✓
Hydraulic Oil Cooler	✓
Three Stage Air Cleaner	✓
Fuel And Water Separator	✓
Seat	✓
First Aid Kit	✓

EMERGENCY RESPONSE AND FIRST AID SET

Sterile Hydrofoil Gauze Bandage	4 packages	Rivonal Bottom	1 packages
Large Bandage	2 packages	Silverdin Cream	1 packages
Hydrofoil Cotton	2 packages	Anestol Pomade	1 packages
Plaster	1 packages	Furacin Ointment	1 packages
Scissor	1 packages	Minoset Tb.	1 packages
Hasp	10 packages	Servikal Coler	1 packages
Batikon Bottom	2 packages	Air Splint Set	1 packages
Elastic Bandage	1 packages	Scoop Stretcher	1 packages
Sticking Plaster	1 packages	Oxygen Tube	1 packages
Medical Glove	1 packages	Oxygen Mask	1 packages
Hydrogen peroxide	1 packages	Nasal Cannula	1 packages



Mining Machinery



Mini Loaders



Attachments

MANAGEMENT / FACTORY

✉ info@alpinmakine.com - export@alpinmakine.com

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