



Manufacturer	JAMA Mining Machines
Machine type	Secondary scaling unit RBU8000B
Carrier	Jama 8000B

DIMENSIONS

Height [mm]	3050
Wheelbase [mm]	4500
Width [mm]	2714
Ground clearance [mm]	370
Length in transport mode [mm]	14615
Turn radius [mm]	5200
Total weight [kg]	27 000

PERFORMANCE

Max speed horizontal [km/h]	25
Max speed inclination 1:7 [km/h]	10
1:10 [km/h]	17
Max inclination, fully loaded (up and down)	1:4

BOOM SYSTEM

Telescopic boom with extension adapted for secondary scaling.

All joints has expander bolts and plain bushings

Boom turn [degrees]	±55 (with hydraulic cylinders)
Max working height [m]	8
Extension, hydraulic [m]	2
Tool rotator [degrees]	360 (designed with slide bearings and worm gear)
Tooth working angle [degrees]	90
Tooth mounting	C4
Break force [N]	80 000
Load suspension	Option *

WATER SYSTEM

Water tank [l]	150
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CHASSIS

Articulated mining chassis with frame joint and rigid axles

Modular design with bolted front and rear shelf's. Steer angle ±39°

Dozer blade	Hydraulic operated in the front, with feet creating a distance to the ground
Stabilization	Hydraulic jacks legs in front. Function "automatic jack leg operation" enables quick transportation between working positions. Hydraulic jacks legs in rear (option *)



DRIVETRAIN

Diesel engine	Deutz TCD 7,8
Cylinders/stroke [l]	R6/ 7,75
Power [kW/rpm]	200/ 1800-2200
Maximum torque [Nm/rpm]	1400/ 1400-1600
Emission class	Tier 4 final
Transmission	ZF 6 gears forward, 3 gears reverse
Axles	ZF
Brakes	Hydraulic operated multi-disc brake
Parking brake	Hydraulic operated wet multi-disc brake of passive type
Fuel tank [l]	200
Tire dimension	1400 -24"

CABIN

Design	Steel with two doors. Safety steel frame. FOPS approved
Electric system	220V grounded outlet. 12V supply for com-radio and stereo
Doors	Both doors are considered as emergency exits and are equipped with gas springs which keep the door open and enable fast evacuation of the cabin. Rubber ladder provides easy access to the cab. Left entrance is equipped with a shoe wash. In the rear of the cabin there are two removable caps for drainage.
Seat	Manually be adapted for the operator and is air suspended acc. to CAB 3554 24 VDC. The seat has an ergonomic design and is equipped with seatbelt, head- neck- and arm rest. Assembled on a turntable and can be locked in preferred position. Joysticks for maneuvering and steering. Controls for gear selection, hydraulic jacks, wipers and parking brake are situated in the armrests.
Windows	Front: 31mm armored glass BR4 Rear: 8mm laminated glass Sides: 8mm laminated glass
Suspension	Spring struts
Cab movement	Cab can be tilted 13° backwards for better vision and comfort during scaling operation
Dashboard	All function within comfortable reach of the Operator
Danger mode	The Hammer is activated by the foot pedal, change to rear gear and the jacks and dozer-blade are lifted, the machine is reversed from the danger zone
Pedals	Throttle and brake pedals are placed in both directions.
Air filters	All air is filtered through a filter system
Climate control	Air-condition with re-circulation
Sound pressure	According to ISO6396 (LpA) < 80 dB (A)
Vibration level	According to EU Directive 2002/44/EG



HYDRAULIC SYSTEM

Emergency steering
Diesel-hydraulic power pack:
Hydraulic pump
Hydraulic tank: volume [l]
Oil cooler

The system consists of load-sensing pumps with integrated sensors for pressure, levels, temperature and filters (indication for filter exchange).
Accumulators for emergency power

Variable piston pumps load sensing
300
Air cooler

ELECTRICAL SYSTEM

Battery cut off switch 24 V,
Manual master switch
Electric system [V]

Manoeuvred from the cabin,
On the outside of the machine
24 VDC power supply unit .

Control system

15" colour monitor (touch-screen) with integrated control system of PLC type with Power link, CAN J1939 and Ethernet communication.

Sensors

Digital sensors. Analogue sensors for temperature and pressure.

Fuses

Breaking capacity 10 kA.

EMR box

Engine control and alarm handling system via CAN J1939 bus.

TCU box

Transmission control with status and alarm handling via CAN J1939 bus.

Battery charging during storage

Option *

LIGHTING (24V)

Headlamp high beam

4pcs 70W

Headlamp low beam

4pcs 70W

Work lights

6pcs 42W LED (additional lights available as option *)

Ladder lights

2pcs 28W LED

Rear lights

2pcs 28W LED (additional lights available as option *)

FIRE EXTINGUISHING SYSTEM

Sprinkler system and two 6kg handheld fire extinguisher.

CENTRAL LUBRICATION

Option * (according to customers request)

TOOL BOXES

Stainless steel boxes mounted under the footstep on either side

SPARE WHEEL

Option *

MANUALS

Operators Manual and Spare Part Catalogue 2pcs + CD

TRAINING

1 day basic training included or according to customer demands (option *)

* For complete information about available options, please contact the manufacturer or the manufacturer's representative

We reserve the right to make changes as the product is under continuous development. Products must be used in conformity with safe practice, the manufacturers instructions, laws and regulations concerning occupational safety and other recommendations.

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