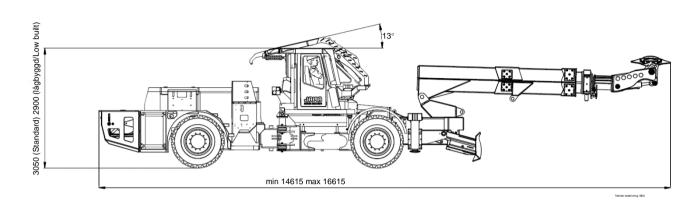
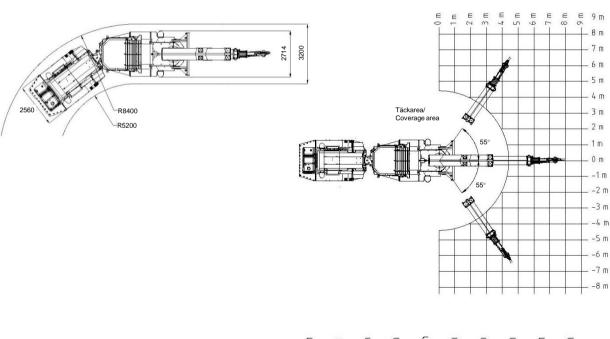
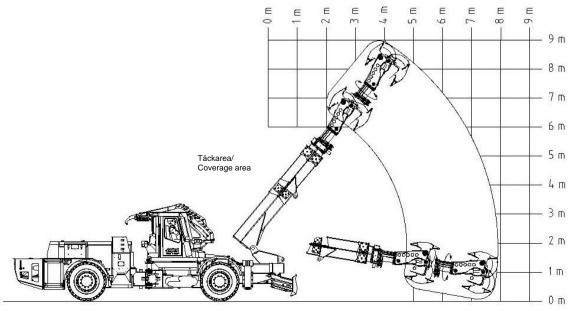


JAIIA

ΕN







Manufacturer JAMA Mining Machines AB
Machine type Ripping Boom Unit RBU 8000B

Carrier JAMA 8000B

DIMENSIONS

Height (mm) 3050
Wheelbase (mm) 4500
Width (mm) 2714
Ground clearance (mm) 370
Length in transport mode (mm) 14615
Turning radius (mm) 5200
Total weight (kg) 27 000

PERFORMANCE

Max speed horizontal (km/h) 25 Max speed inclination 1:7 (km/h) 10

Max inclination fully loaded

(up and down) 1:4

BOOM SYSTEM Telescopic boom with extension designed for demolition.

Expander pins throughout the boom.

Crane turn [degrees] ±55 (with hydraulic cylinders)

Maximum working height [m] 8
Extension, hydraulic [m] 2

Rotator [degrees] 360 (slide bearing with worm gear)

Breaking angle tooth [degrees] 90
Tooth attachment C4
Breaking force [N] 80 000

WATER SYSTEM

Water tank [litre] 150
Vattenbegjutning av bom Std

CHASSI Articulated mining chassis with frame joint and rigid

axles.

Modular design with bolted front and rear shelf.

Dozer blade Hydraulically operated in the front (vertical movement),

with feet that create distance to the ground.

Stabilization Hydraulic support legs in front.

Function "Outrigger automation" for easy and quick

movement.

Support legs rear (option*)

DRIVETRAIN

Diesel engine: Deutz TCD 7,8

Cylinders/stroke [litre] R6/ 7,75

Power [kW/rpm] 200/1800-2200

Maximum torque [Nm/rpm] 1400/1400-1600

Emission class Tier 5 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 negative type.

Option* - Hand pump for release of p-brake.

Fuel tank [litre] 200

Tire dimension 1400 - 24"

CABIN

Design Steel with two doors. Safety steel frame, certified

according to FOPS ISO 3449:2005.

Electrical 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 side is equipped with a shoe wash. In the rear of the cabin there are two

removable caps for drainage.

Seat Jama EVOS¹⁾. The seat has an undercarriage of scissor

type and a three-point seat belt. The backrest, the dual lumbar support and the height adjustment are air

ambai support and the neight adjustment are an

controlled. The seat is mounted on a slew disc that can be

locked in the driving positions.

All controls for operation and driving can be found on the

control levers or on the lever box.

1) Ergonomic Vehicle Operator Seat

Windows Front: 31mm armored glass BR4

Other windows: 8mm laminated glass

Suspension Spring struts

Cab movement Cab can be tilted 13° backwards for better vision and

comfort during scaling operation.

Dashboard All functions within comfortable reach of the Operator.

Danger mode If there is an imminent risk of e.g. rock fall, the emergency

evacuation function can be activated.

Emergency evacuation is activated by a push button on

the instrument panel.

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 SYSTEMThe system consists of load-sensing pumps with integrated

sensors for pressure, levels, temperature and filters

(indication for filter exchange).

Diesel hydraulic power pack:**

Hydraulic pump Variable load sensing piston pumps

Hydraulic tank volym [litre] 300 Oil cooler Air/oil

ELECTRICAL SYSTEM

Battery cut off switch 24 V Operated from the cabin.

Manual Main Switch A manual main switch on the outside of the machine.

Electrical system (24V) 24 VDC unit supplies power. Service charging during electric

drive.
Option*

Battery charging during storage

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 of 10 kA.

LIGHTING (24V)

Headlamp high beam 4st 70W Headlamp low beam 4st 70W

Work lights 6st 42W LED (Option – 12 pcs*)

Ladder lights 2st 28W LED

Rear lights 2st 28W LED (Option – additional 2 pcs 42W*)

FIRE EXTINGUISHING SYSTEM Sprinkler system Dafo, (optional brands, by agreement*), and

two handheld fire extinguishers (6 kg).

CENTRAL LUBRICATION Brand "Lincoln". (Alternative brands by agreement*)

TOOLBOXES Stainless steel boxes mounted under the footstep on either

side.

MANUALS Operator's Manual, Service Manual and Spare Parts List

1 copy + 2 digital copies.

CE MARKED In accordance with the Machinery Directive

2006/42/EG, SS-EN-ISO19296 2019

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.

Rev. A

Technical description Jama RBU 8000B



^{*} For complete information, please contact the manufacturer or the manufacturer's representative

^{**} Electric drive can be excluded