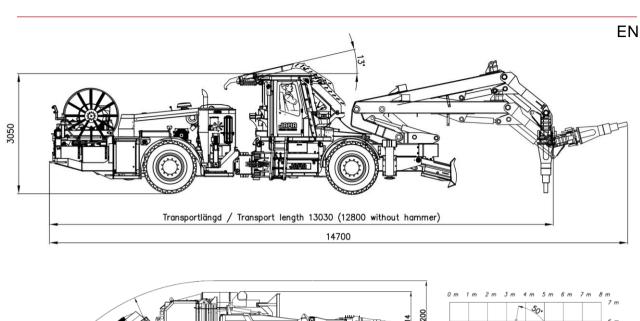
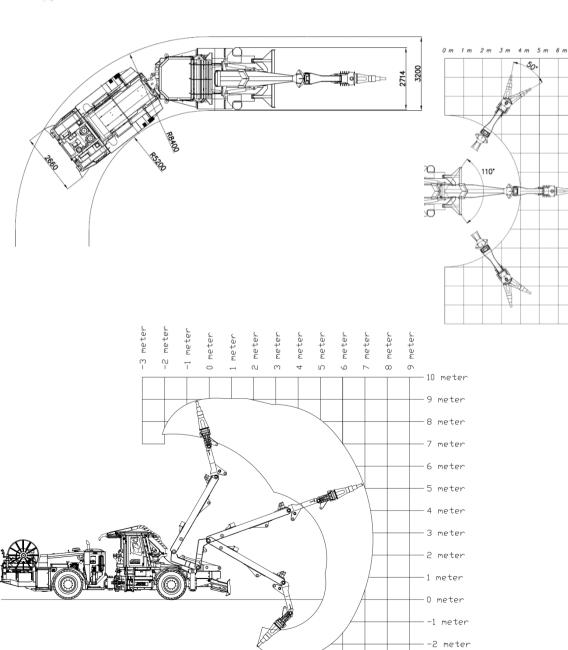


JAIIA





--3 meter

Manufacturer JAMA Mining Machines AB
Machine type Scaling Boom Unit SBU 8000B

Carrier Jama 8000B

DIMENSIONS

 Height [mm]
 3 050

 Wheelbase [mm]
 4 640

 Width [mm]
 2 714

 Ground clearance [mm]
 370

 Length in transport mode [mm]
 14 700

 Turning radius [mm]
 5 200

 Total weight [kg]
 30 000

PERFORMANCE

Max speed horizontal [km/h] 20 Max speed inclination 1:7 [km/h] 9

Max inclination

fully loaded (up and down) 1:4

BOOM SYSTEM The boom designed for heavy scaling system and has load

suspension as standard.

All joints has expander bolts and plain bushings to manage

the force from the breaker.

Hydraulic breaker Option*, brand according to customer specification, weight

max 500 kg.

CHASSIS Articulated mining chassis with frame joint and rigid axles.

Modular design with bolted front and rear shelf.

Dozer blade Hydraulically operated in the front.

Stabilization Hydraulic support legs in front and rear. Lockable frame

joint.

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

Tyre dimension 14.00 - 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. USB outlet.

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

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

Rear and 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 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.

The breaker can be activated by a floor pedal or by the

right control lever.

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).

Hydraulics for the breaker Separate hydraulic system for the breaker.

Electro-hydraulic power pack:**

Electric motors 2x30kW, efficiency cl. IE3 acc. to IEC 60034-2-1

Voltage 1000V

Option* 660V and 690V

Hydraulic pump Variable load sensing piston pumps

Diesel hydraulic power pack:

Hydraulic pump Variable load sensing piston pumps

Hydraulic tanks:

Main hydraulic tank volume [litre] 400 Hammer tank volume [litre] 200 **HYDRAULIC SYSTEM (cont.)**

Oil cooler Plate heat exchanger Refilling tank 100 litre with pump

HOSE REEL Hydraulically driven with 120m 3/4" hose.

Other capacities by agreement*

CABLE REEL Hydraulically driven, can accommodate 180m 3x25mm²

Rock-Flex. Other alternatives by agreement*

ELECTRICAL SYSTEM

Battery cut off switch A manual main switch on the outside of the machine. 24 VDC

main switch.

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

drive.

Control system 15" colour monitor (touch-screen) with integrated control

system of PLC type with Power link, CAN J1939 and Ethernet

communication.

Transformer** 7 kVA 1000/690/660V – 400

Rated power 90kW

Separate 240V power supply Battery charging and cabin heater during storage.

LIGHTING (24V)

Headlamp high beam 4 pcs 38W LED Headlamp low beam 4 pcs 38W LED

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

Ladder lights 2 pcs 28W LED

Rear lights 2 pcs 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. B

Technical description Jama SBU 8000B



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

^{**} Electric drive can be excluded