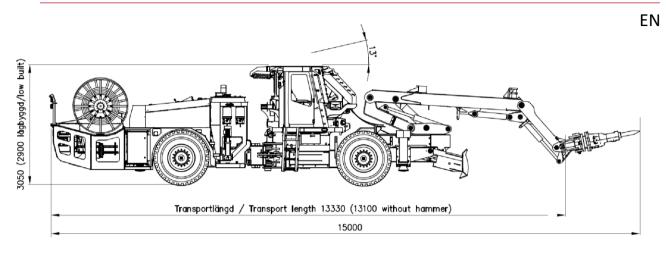
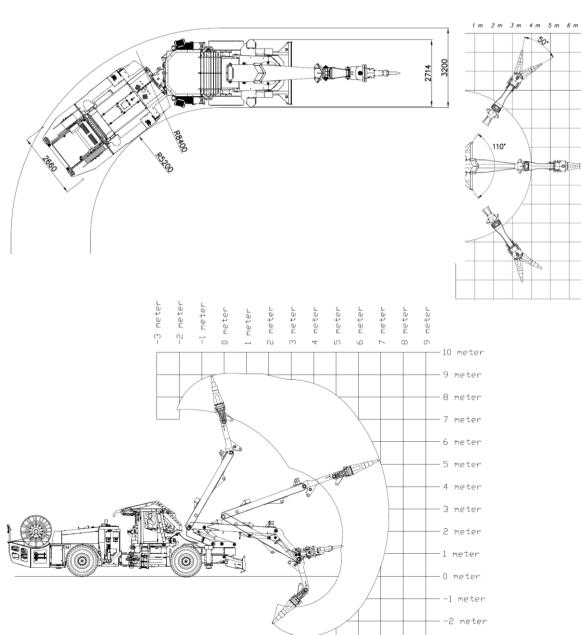


## **JAIIA**





Manufacturer JAMA Mining Machines AB

Machine type Jama SBU 8000E

**DIMENSIONS** 

 Height [mm]
 3050

 Wheelbase [mm]
 4640

 Width [mm]
 2714

 Ground clearance [mm]
 370

 Length in transport mode [mm]
 15000

 Turning radius [mm]
 5200

 Total weight [kg]
 31 000

**PERFORMANCE** 

Max speed horizontal [km/h] 20 Max speed inclination 1:7 [km/h] 6

Max inclination fully loaded

(up and down) 1:4

**BOOM SYSTEM** Boom system designed for heavy scaling.

All joints have expander bolts and plain bushings to

manage the force from the hammer.

Hydraulic breaker Option\*, according to customer specification, weight max

500 kg.

CHASSIS Articulated mining chassis, oscillating rear axle, fixed

front axle.

Modular design with bolted front and rear shelf'.

Dozer blade Hydraulic operated in the front.

Stabilization Hydraulic support legs in the front and rear.

**DRIVETRAIN** 

Electric motor [kW] 160
Battery [kWh] 150
Power [kW] 100
Max torque [Nm/rpm] 600

Transmission Dana 3 gears forward 3 gears reverse with lock-up on all

gears

Axles ZF

Breaks Hydraulically operated multi-disc brake.

Parking brake Hydraulically operated wet multi-disc brake of negative

type.

Option\* - Hand pump for release of P-brake.

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. 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 entrance is

equipped with a shoe wash. In the rear of the cabin there

are two removable caps for drainage.

Seat Jama EVOS<sup>1</sup>). The seat is equipped with a scissor-type

base and three-point belt. The side supports of the

backrest, the double lumbar supports and the height of the chair are electrically air-controlled. Mounted on a turntable

with front/rear locking and entry/exit.

1) Ergonomic Vehicle Operator Seat

Windows Front: 31mm armoured 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 hydraulic breaker can be activated by throttle pedal or

the by one of the control levers.

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 The system consists of load-sensing pumps with

integrated sensors for pressure, levels, temperature and

filters (indication for filter exchange).

Hydraulic pump Variable piston pumps.

Hydraulic tank:

Cylinder- and motor tank [litre] 600

Oil cooler Plat heat exchanger Refilling tank 100 I tank with pump **HOSE REEL** Hydraulically driven with 120m 3/4" hose. Other capacities by

agreement\*

CABLE REEL Hydraulically driven, can accommodate 180m 3x25mm<sup>2</sup>

Rock-Flex. Other alternatives by agreement\*

**ELECTRIC SYSTEM** 

Electrical cut-off switch Manual main switch on the outside of the machine.

24 VDC main switch.

Electrical system (24V) 2 DC/DC converters 140A/unit.

Control system of PLC-type with 15" colour monitor (touch-

screen), Powerlink, CAN J1939, Ethernet communication.

Transformer\*\* 100 kWA 1000/400 volt.

Sensors Digital sensors. Analogue sensors for temperature and

pressure.

Battery charger upon storage Separate 240V power supply.

**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 EXTINGUSHING 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 Operators Manual and Spare Part Catalogue

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.





<sup>\*</sup>For complete information, please contact the manufacturer or his representative.

<sup>\*\*</sup>Alternative for other voltage available