SUMITOMO PAVERS

Sumitomo Asphalt Paver

Jpaver

HA90C-2(B)

For further information please contact:
Phone: +81-43-420-1829    Facsimile: +81-43-420-1907
http://www.sumitomokenki.com/

Photo may include optional equipment.
TRANSITION TO A NEW STAGE
Paving the way. With our way.

SUMITOMO Pavers are designed under the concept of the following 3 points and manufactured with high quality.

- **Human Friendly**
- **Eco Friendly**
- **Repair Friendly**

- **High Performance**
- **Easy Operation**
- **Cost and Time Saving**

Paving width can be adjusted from 2.8 m - 7.5 m by just the flick of a switch (paving up to 9.0 m wide)

High-power torque and low fuel consumption engine

The power system, a combination of an intelligent ISUZU engine and SUMITOMO’s cutting-edge technology, delivers high work efficiency and low fuel consumption.

Engine system: ISUZU-4HK1X

- **Common rail fuel injection system**
- **Cooled EGR system**
- **4-valve DOHC turbo engine with intercooler**

**SPACEx5**

- Powerful
- Clean
- Strong

**Made in Japan**

HA90C-2B is equipped with DPD and complies with EU Stage III B exhaust gas emissions standards

**Diesel Particulate Diffuser (DPD)**

DPD is an exhaust after treatment device which traps and burns off PM in the exhaust gas. PM accumulation can be monitored by the DPD status gauge, and Auto Regeneration (filter cleaning) will be conducted at regular intervals.

- The gauge will flash when Auto Regeneration is operating.

Photo may include optional equipment

The infinitely variable triple screed can be used for 2.8~7.5 m widths

Selectable Screed

Two-lane paving
The Jpaver2875 can pave two lanes of high specification road without any bolt-on extension screed.

Double role
The Jpaver2360 covers two conventional screed ranges.

Bolt-on extension screed (750 mm)
Larger width through the addition of bolt-on extensions up to a maximum 9.0 m.

Easy transportation
The HA90C can transport the following width without removing the side plate.

World first

Human-friendly

LPG Blower burner (Auto. Temp control type)
The heating controller keeps the temperature of each screed to the setting temp automatically.

Electric heating system (option)
Sumitomo’s latest control system delivers ecologically optimized heating without increasing the horsepower of the engine.

Height of extendable screeds
When a difference in surface height occurs between front and rear screeds, it can be adjusted by just a flick of a switch.

Center crown
The slope from center to side can be adjusted by a switch on the hydraulic crown device.

STV compaction system
The adjustable “Strike-off” guides the asphalt mixture smoothly under the screed, and the “Tamper” and “Vibrator” achieve strong and even compaction for pavements with smoothly finished surfaces and superior densities.

Easy assembly auger system
Work on paving widths up to 7.5 m with the support-free auger system to drastically reduce assembly time.

Automatic screed lock
When the automatic lock device is activated, the screed lift cylinder prevents (holds) the screed from sinking into the surface when the machine stops.

Screed assist
When paving thick layers, the screed lift cylinder assist floating of the screed by the back pressure.

Photo of 9.0 m width (maximum paving width)

-1~3%

Photo may include optional equipment
Labor-saver Feeding System for Best Efficiency.

Low front and large hopper
The hopper’s leading edge is low to suit dump trucks with low bumpers. The hopper also has ample supply capacity (13.9 t).

Individual operating hopper wings
This function is useful to avoid obstacles on the road. Operation that also depends on the volume of materials is possible.

Hydraulic operated front apron
The hopper front apron is operated by two hydraulic cylinders, which keeps material inside the hopper and prevents it from spilling onto the ground.

Reversible auger conveyor
A perfect balance of materials in front of the screed can be achieved by this function.

Oscillating push roller
When paving a curved road, the push roller is contacting the tire of the dump truck constantly.

Hydraulically adjusted auger (option)
The height of the auger can be adjusted freely according to the paving thickness. (Adjustment range: 100 mm to 200 mm from the bottom of the auger to the ground)

Movable control box
The control box can be moved from left to right to provide the operator with greater flexibility.

Eco Mode switch
The Eco Mode switch drops the engine speed from 2,000 min⁻¹ to 1,800 min⁻¹ under light loads, which is effective at reducing fuel consumption.

Emergency controls
Sumitomo machines are equipped with many emergency control systems. Sumitomo’s concept is to continue paving where possible, or in the worst case, move the machine to a safe place away from the road.

Eco-friendly and repair-friendly

High-rigoridity screed
The paver screed is capable of consistently stable paving operations.

Extendable mold board
The extendable mold board cuts off the material to avoid excess capacity in front of the rear screed, and it can carry the material smoothly to the end of screed.

Side plate (end plate)
The slim shape of side plate allows immaculate paving close to the wall.

Slide out seat and control box
The slide out seat is useful for checking the road and working conditions. The control box can also slide to suit the seat. The deluxe suspension seat also adds a higher level of comfort.

Eco-friendly and repair-friendly

Extendable mold board

Slide out seat and control box
The slide out seat is useful for checking the road and working conditions. The control box can also slide to suit the seat. The deluxe suspension seat also adds a higher level of comfort.

Emergency controls
Sumitomo machines are equipped with many emergency control systems. Sumitomo’s concept is to continue paving where possible, or in the worst case, move the machine to a safe place away from the road.

Eco-friendly and repair-friendly

Extendable mold board

Slide out seat and control box
The slide out seat is useful for checking the road and working conditions. The control box can also slide to suit the seat. The deluxe suspension seat also adds a higher level of comfort.
The Latest Traveling Control System with Powerful Towing Capacity.

Adopting the latest travel control system
The engine, hydraulic pumps, and traveling motor are centrally controlled with fine precision by the computer. In addition, settings are stored in the computer’s memory, so paving can be carried out simply by turning the traveling switch to “on” or “off”. Sumitomo’s latest feedback system delivers superior traveling stability (by maintaining the set speed and course).

Color monitor
The liquid crystal color monitor displays useful information and can adjust many functions. These simple toggle switches have been used which allows them to be replaced individually with ease.

Sub color monitor
Sub color monitor is equipped on both sides of the extendable screed.

Superior steering function
The spin turn function makes it possible to turn on the spot, which is very useful on cramped job sites such as dead ends.

In-shoe motor
The drive motors are mounted inside the shoe and connected directly via sprockets, eliminating chain backlash. This design ensures strong road surface traction capabilities.
For direct tracing of a reference (stringline, ground).

Same as No. 1. This can be easily operated by “Digital controller”.

Non-contacting tracing of a reference (stringline, ground).

Three ultrasonic sensors scan the reference in non-contacting operation. This is used with No. 1.

This is used with No. 2 or No. 3. This can be operated by “Digital controller”.

This is used for controlling the auger speed (The contact type of the conveyor sensor is standard).

1. Contact type grade sensor
2. Rotating type grade sensor (See No. 1. This can be easily operated by “Digital controller”)
3. Ultrasonic type grade sensor
4. Digi-slope sensor
5. Slope sensor
6. Material flow sensor

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Easy maintenance
Daily inspections are extremely straightforward. Oil and grease checks, filter changes as well as other maintenance jobs can be easily carried out just by opening the covers.

Standard equipment

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.

Grade and slope sensor (option)
The grade sensor is used for leveling screed along a height reference. The slope sensor serves to control the cross-slope of the screed.

Material flow sensor (option)
The material flow controller is used for keeping the material volume in front of the screed.