

SUMITOMO

P A V E R S

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We are constantly improving our products and therefore reserve the right to change designs and specifications without notice.
Illustrations may include optional equipment and accessories and may not include all standard equipment.



SUMITOMO

Sumitomo Asphalt Paver

J-PAVER

HA60C-10B HA60W-10B



PAVING PRIDE

Pursuing high-quality paving, smooth operability, and enhanced usability.

Sumitomo Asphalt Paver has a history spanning more than 60 years.

The HA60-10B is the culmination of expertise and know-how gained through continuous research and development. It delivers highly reputable paving quality, wide paving capability, and enhanced usability, all achieved through smooth and intuitive operation. With these advancements, the Sumitomo J-Paver will continue to shape the road ahead into the future.

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

Human Friendly

Eco Friendly

Repair Friendly

*Paving the way.
With our way.*



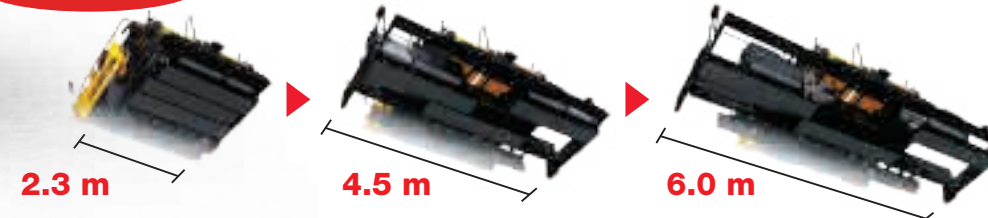
Photos may include optional equipment

2.3 m to 6 m

Infinitely variable triple screed

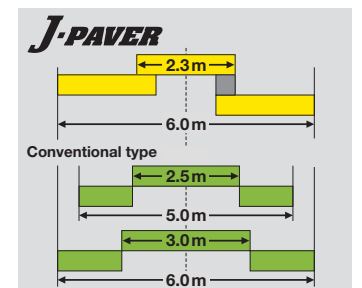
The J-Paver 2360 uses an enhanced frame structure to improve rigidity significantly, for more consistent and reliable paving operations.

WORLD FIRST



Double role

The J-Paver 2360 covers two conventional screed ranges.



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.

ISUZU-4JJ1X

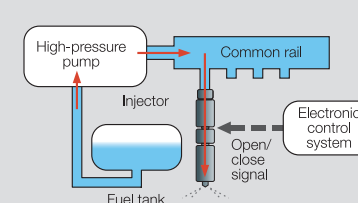


Enlarged fuel tank *New*

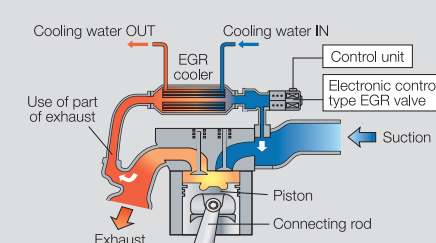
Fuel tank capacity has been increased by approximately 20% compared with previous model HA60-8). This extends the refueling interval and improves efficiency at large-scale paving sites.

Engine system: ISUZU-4JJ1X

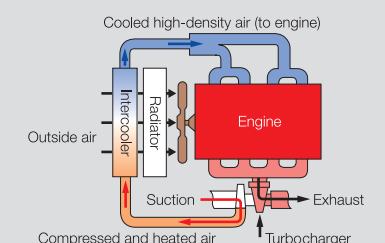
Common rail fuel injection system



Cooled EGR system



4-valve DOHC turbo engine with intercooler





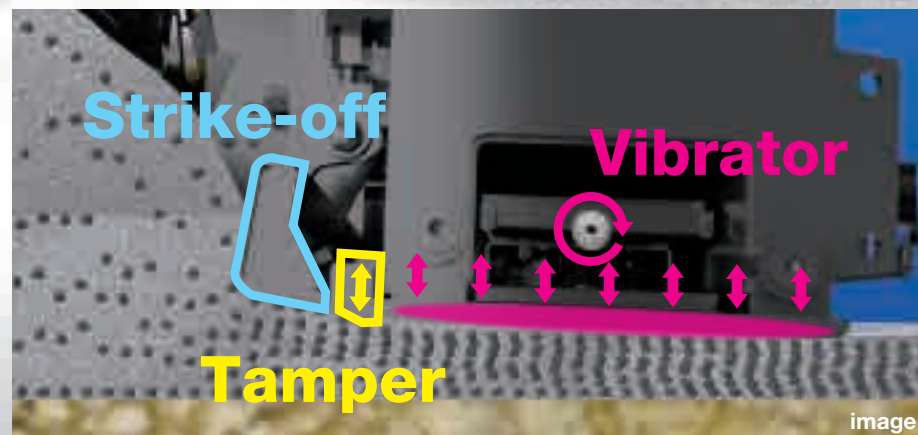
High-quality Paving

STV compaction system

Features SUMITOMO's original Strike-off + Tamper + Vibrator combination system. The strike-off transfers material to the tamper smoothly, and the tamper and vibrator layout provides sufficient compaction.

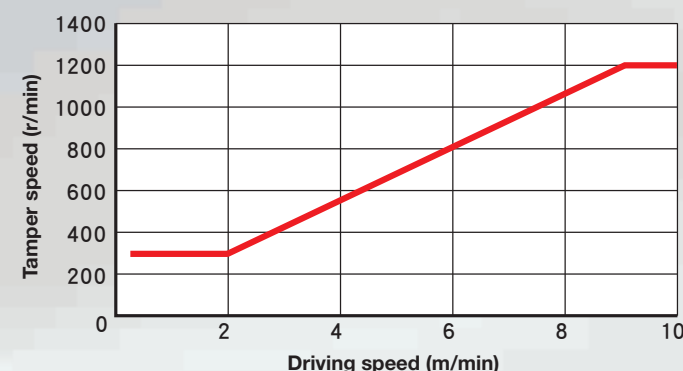
Tamper stroke

Increasing the tamper stroke from 3 mm to 4 mm delivers greater compaction performance.



Automatic tamper speed setting **New**

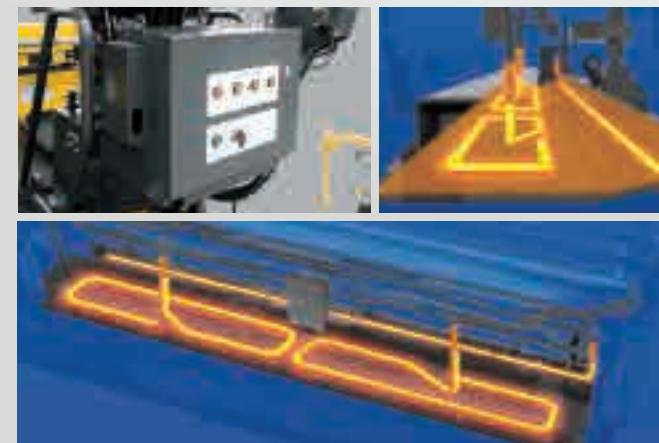
When using automatic mode, the system will automatically set the tamper speed appropriate to the paving speed. The tamper speed can also be adjusted manually. Switch between automatic or manual mode via the display screen.



Outstanding Convenience

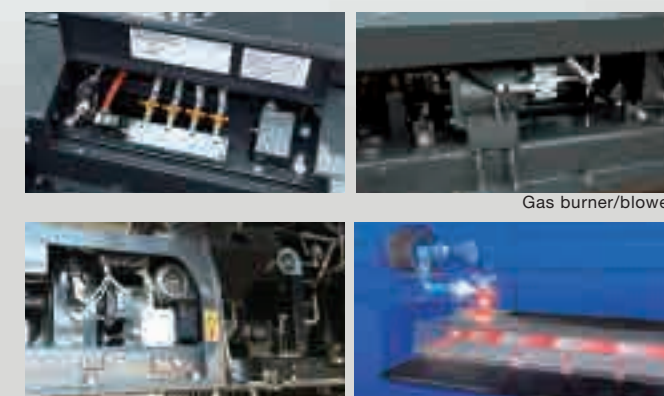
New type of electric heating device

The system provides excellent heating performance with the use of new flat-type heating device.



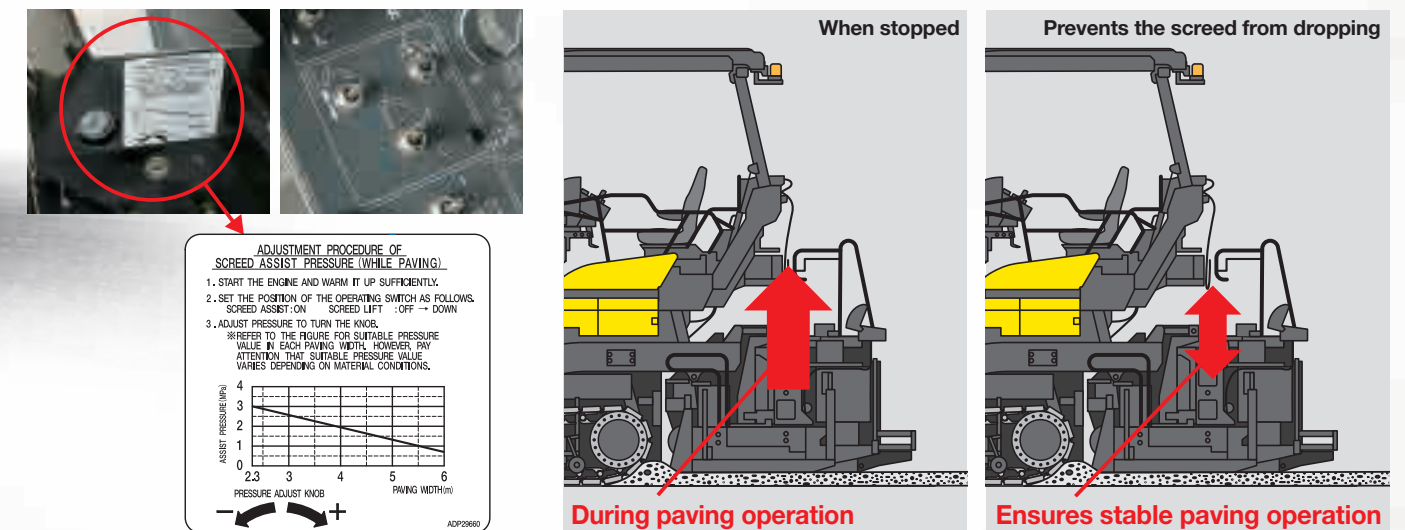
LPG blower burner

Computer control automatically regulates the burners to adjust the screed plate to the set temperature. With built-in temperature sensors, the heating temperature is kept stable, ensuring high-quality paving.



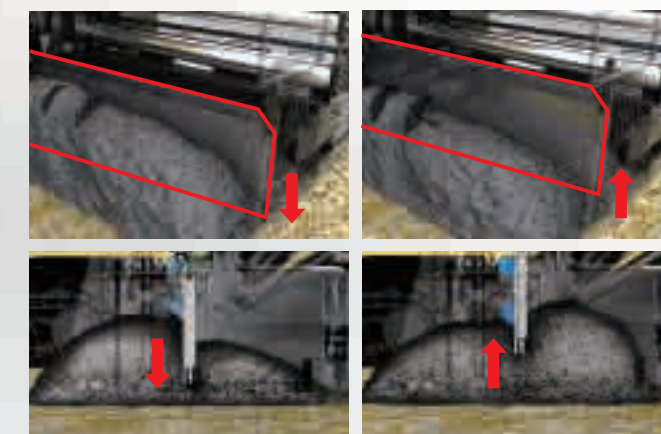
Screed assist function **New**

Screed assist function allows independent adjustment during both stopping and paving operations. When the machine is stopped, the automatic lock maintains the screed height and prevents the occurrence of screed marks (surface irregularities). In addition, the pressure can be manually adjusted during paving operations. It enables stable paving operations across a wide range of conditions and materials—from thin to thick layers, as well as on soft ground and slopes.



Extendable mold board powered type (option)

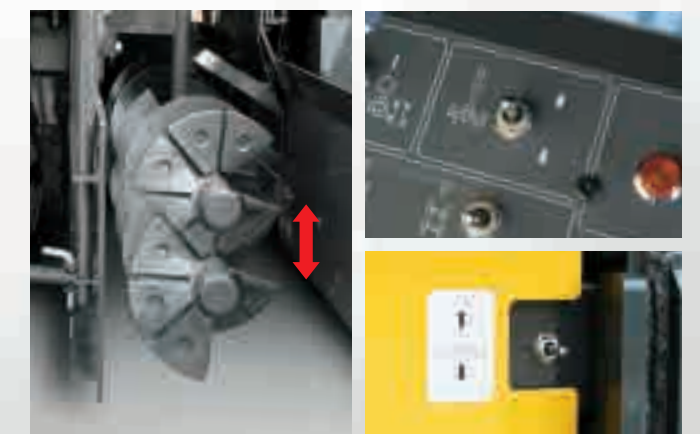
The extendable mold board extends together with the screed, and cuts off the material to avoid over capacity in front of the rear screed. It also carries material smoothly to the end of the screed.



Hydraulic height adjustment

Auger height adjust switches

The height of the auger can be adjusted hydraulically to suit the paving thickness. Adjustment switches are located on the operator console and behind the screed arms.



Moldboard height adjustment switch (option)

The moldboard height can be adjusted up and down using the switch on the screed control box. This allows easy and precise adjustment to match the required material feed volume.



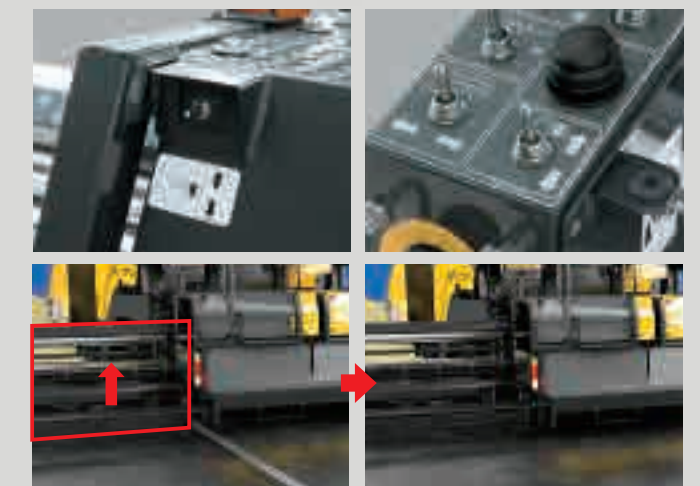
Crown adjustment

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



Height of extendable screeds

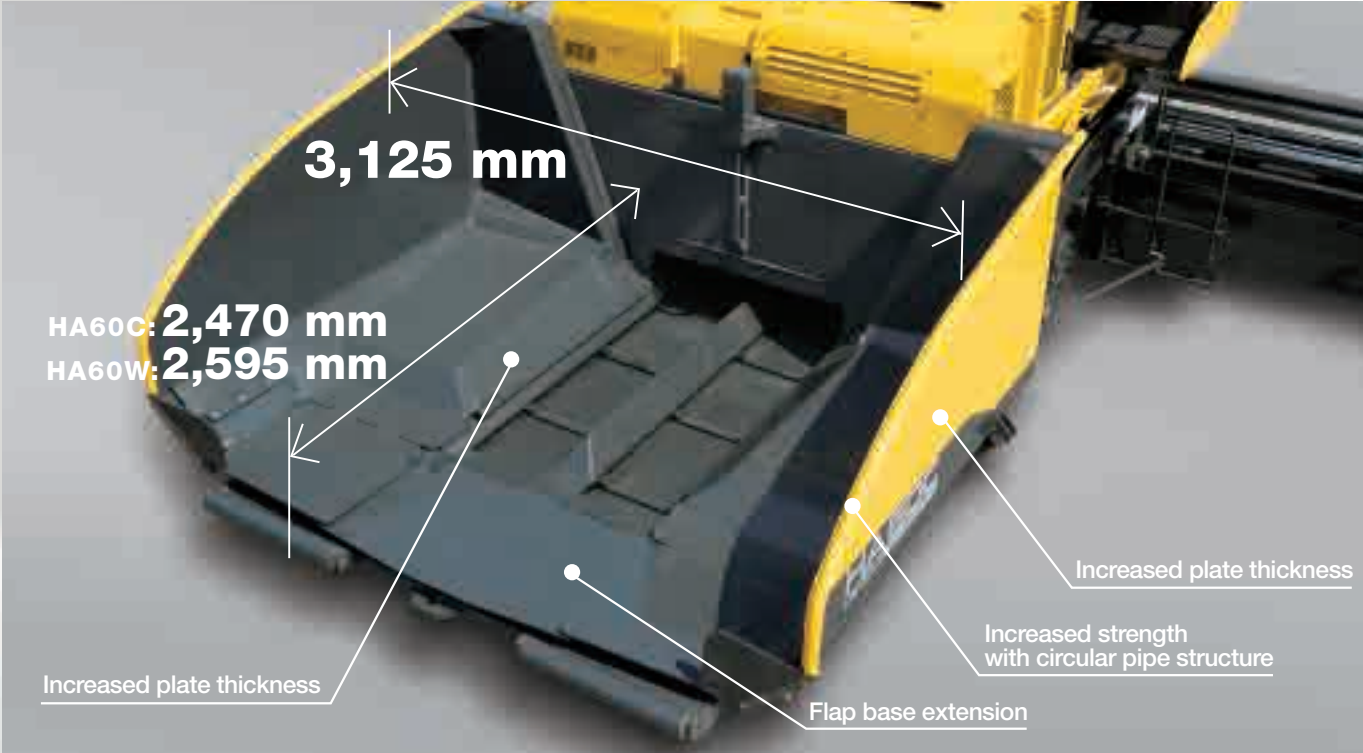
When a difference in surface height occurs between the front and rear screeds, the height can be adjusted with just the flick of a switch.



Material Supply System

New large hopper

For the crawler type, the hopper length has been extended by 200 mm, reducing the risk of contact with the dump truck's tailgate. For both wheel and crawler types, durability has been significantly improved by increasing the overall hopper plate thickness, reinforcing the bottom plate, and using pipe-type structures for the end section of hopper sides.



High-rigidity screed

The use of the largest-diameter guide pipes in its class achieves high screed rigidity. This minimizes distortion during extension and ensures stable paving accuracy. In addition, Sumitomo's proprietary EMS (Easy Maintenance System) bushes reduce wear and prevent looseness caused by vibration.



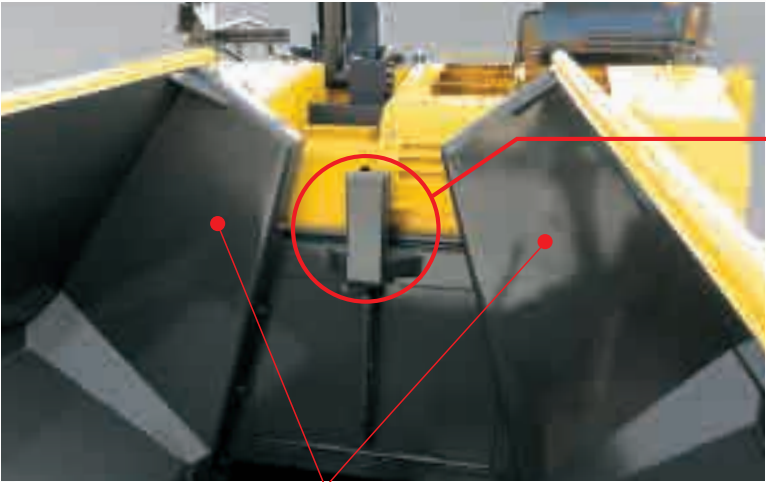
Single feed switch **New**

The use of a new single feed switch enables simultaneous operation of the screws and conveyor. This allows material discharge during preparation at the start of paving and makes lane-change operations easier.



Engine hood protection improvements

A large bumper, together with the reshaped rear section of the hopper, expands the contact area to better suit large dump truck tailgates.



Engine hood protection plate

Oscillating push roller design modification

Optimizing the oscillating push roller frame has reduced material building up at the support section.



Hopper cylinder

For improved operability, the cylinder diameter has been increased to provide greater pushing force.



Stronger conveyor plates

The conveyor plates have been upgraded to a more wear-resistant material.



Foldable driving guide

The driving guide, designed for excellent storability, can be folded and extended as needed. It provides clear travel guidance aligned with the required screed width.



Bracket for Big-Ski installation **New**

Supports the installation of the optional Big-Ski, which helps reduce operator workload. Two mounting brackets are now included as standard on each body side (arm section) to accommodate the installation.



Crawler Type

HA60C-10B



New operator console layout

Switches for each operation and function are conveniently configured on the new ergonomic operator console. The operation panel is equipped with a full-color display, which is designed for ease of use. In the event that the screed console is faulty, the main operator console in front of the driver's seat can also be used for operations.



- A** Emergency travel control
- B** Screed control
- C** Hopper
- D** Auto leveling mode
- E** Auger height adjustment
- F** Conveyor control
- G** Auger control
- H** Single feed switch
- I** Steering control
- J** Engine control
- K** Travel control



Separated crawler rubber pad

Replacements are easier to do, only the damaged parts need to be replaced, which greatly reduces the maintenance time and cost.



Foldaway retaining plate

Extremely useful for feeding materials outward smoothly. The plate is stowed completely within the machine width.



In-shoe motor

The drive motors are mounted inside the shoes and connected directly via sprockets, eliminating chain backlash. This design ensures a high level of road traction.



Self-centering direction stick **New**

The operating direction stick automatically returns to its neutral position after release to prevent operating errors. The fine-tuning steering knob is convenient for when paving around curves.

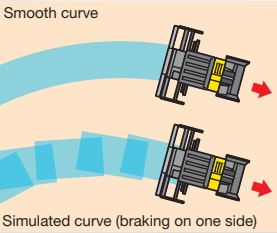


Familiar, intuitive operation

The basic layout of the operation panel follows the conventional design, ensuring intuitive usability for customers who have previously used Sumitomo asphalt pavers.

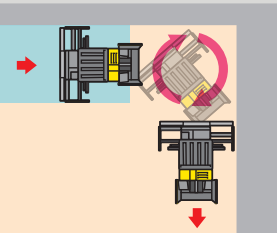
Smooth steering

The machine can automatically control the speed difference between the left and right tracks for smoother turns with a certain curve radius. Both tracks are driven at the same time, even when turning, for better traction and climbing performance.



Spin turn

This function makes it possible to turn on the spot, which is useful on cramped work sites. Dead-ends and corners can also be paved smoothly, and the machine can be withdrawn laterally.



Smoother finish achieved with superior surface contact

The oscillating bogie absorbs impacts from uneven road surfaces, such as those created by manholes.





Wheel Type HA60W-10B

New operator console layout

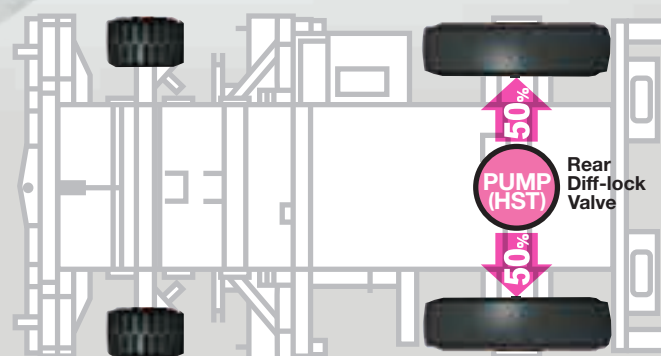
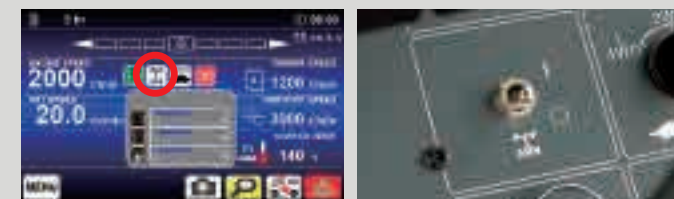
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- H** Single feed switch
- I** Steering control
- J** Engine control
- K** Diff-lock
- L** Travel control

Diff-lock system **New**

The newly developed diff-lock system prevents wheel slip, providing more traction to maintain the driving force and make it easier to drive out of soft ground.



Two modes of travel speed

- **High-speed (0~15 km/h)***
For high-speed travel.
*Forward, backward (0~8 km/h)
- **Low-speed 2WD (1.0~20 m/min)**
For paving speeds with only rear-wheel drive.
- **Low-speed 4WD (1.0~20 m/min)**
For paving speeds with 4WD for greater traction.



In-wheel-motor

The drive motors are mounted inside the wheels, and eliminate chain backlash. This design ensures strong road surface traction capabilities.



Tires can be changed with the screed arm still attached

If a rear tire is punctured, it can be changed without removing the screed and screed arm.



Change tires

Extension screw storage space

A bracket is installed on both sides at the rear of the front wheels, allowing the extension screws to be stored.



Manual front-wheel motor pressure adjustment **New**

The front-wheel motor pressure can be manually adjusted, working together with the diff-lock function to suppress wheel slip. This provides stable and comfortable operation under various site conditions.



Foldaway retaining plate **New**

Extremely useful for feeding materials outward smoothly. The plate is stowed completely within the machine width.



Easy & Safe

Hard top canopy New

The new FRP (Fiber Reinforced Plastic) canopy is operated hydraulically during opening and closing.

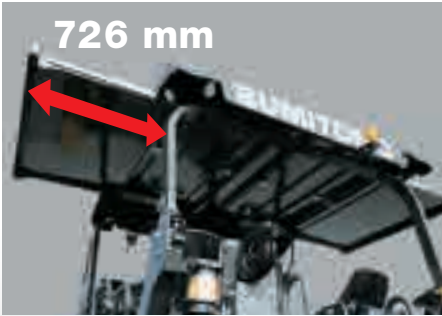


Folding



Slide out type sunshade

With the newly designed FRP canopy, the slide out type sunshade has been made much bigger, easier to operate and provides the operator stand with greater comfort.



Smooth movable operator console

The operator console can be moved from left to right to provide the operator with greater flexibility, with the force required for movement half that of the conventional model.



Smooth slide out seat

The slide out seat is useful for checking the road and working conditions. The operator console can also slide to suit the seat, with the force required for movement half that of the HA60-8B. The deluxe suspension seat also adds a higher level of comfort.



LED work light New

For safe and comfortable nighttime operation, bright, long-lasting LED work lights (two in the front and four in the rear) have been used.



Beacon New

A rotating warning light is mounted at the rear of the canopy. It notifies the surroundings of the machine's operating status and location (a front rotating light is also available as an option).



Accessory socket New

The control stand is equipped with a 24 V / 120 W accessory socket as standard.



Full-color display

The operator console has a 7-inch wide full-color display that is easy to read even in bright places. Most working conditions can be set through the buttons below, and machine status, maintenance and other important information can also be collected.



Normal



Menu



Maintenance



T&V adjustment



Multi-language



Emergency



Emergency

New screed console with color display

Key functions are arranged on the left and right screed console, and the auger and conveyor can also be operated individually. The color sub displays indicate the performance in figures. Tamper & vibrator, heating temperature and other settings are also available with the push buttons below. Emergency stop buttons are also equipped for safety.



Screed control

Left and right leveling adjustment
screed extend and retract, screed height adjust.

Auger & conveyor control

Material supply, auger and conveyor can be controlled separately.



Screed control box

Eco Mode switch

The Eco Mode switch drops the engine speed from 2,200 min⁻¹ to 2,000 min⁻¹ under light loads, which is useful for reducing fuel consumption.



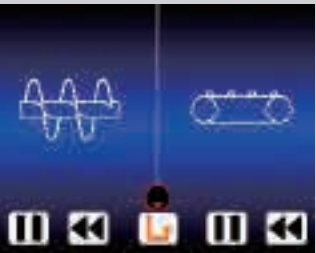
Emergency stop buttons

Emergency stop buttons are available in case of emergency. An icon is displayed on the monitor when the emergency stop buttons are activated.



High-speed material discharge

High-speed discharge of the screw and conveyor can be controlled via the sub-monitor on the screed control box. The screw and conveyor can be operated independently on the left and right sides, enabling precise operation according to the working conditions.



Normal



T&V adjustment

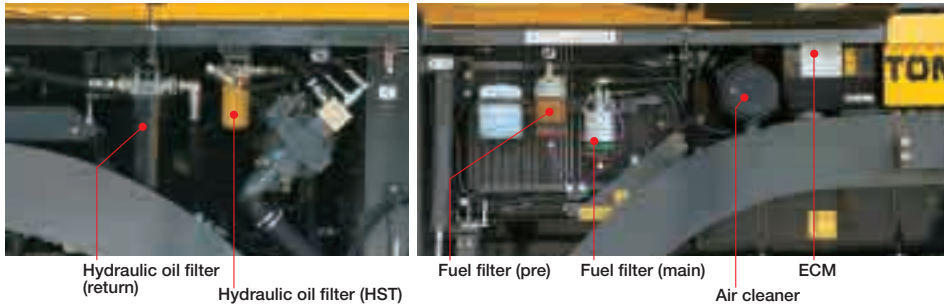


Emergency

Maintenance and Options

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.



Auto greasing system

The automated lubrication system greatly enhances maintenance efficiency. The unit installed at the rear of the left operator's seat allows quick grease refilling and level checks.

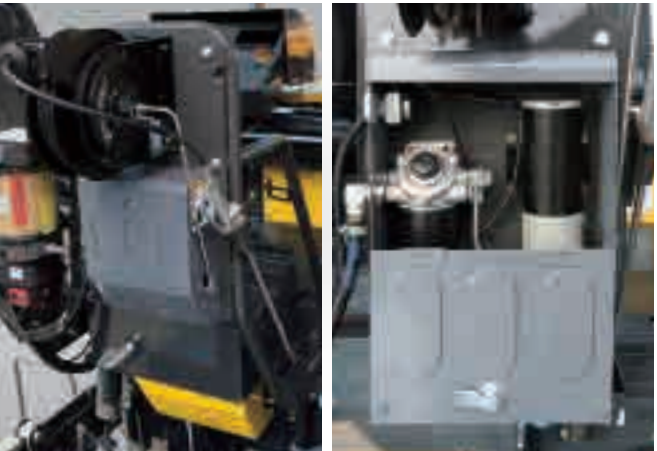


Grease feeding points

Tractor		
Conveyor idler	Conveyor drive	Auger
4	2	4

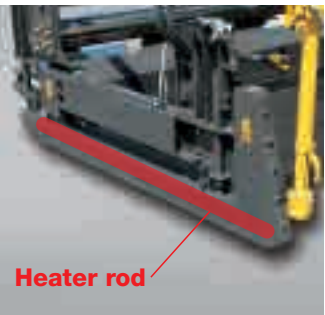
Cleaning spray system New

Usability of the cleaning spray system is improved with an additional hose reel.



Engine hood revised for floor access

The engine hood has been redesigned to open from the floor side, improving both work efficiency and safety during maintenance.



Side plate heater (option)
(Only models with electric heating)



Battery switch

Automation for convenience (option)

Grade sensors, slope sensors, 3D control systems and other devices for automation can be used with SUMITOMO's pavers to make operations more convenient.

	Device	Type
①	Grade sensor	Contact / Ultrasonic
②	Slope sensor	Conventional / Digital
③	Big-Ski	3 / 4 Sonic
④	Material flow sensor	Auger rotation speed
⑤	3D-Machine control	GPS / Total station

Principle specifications

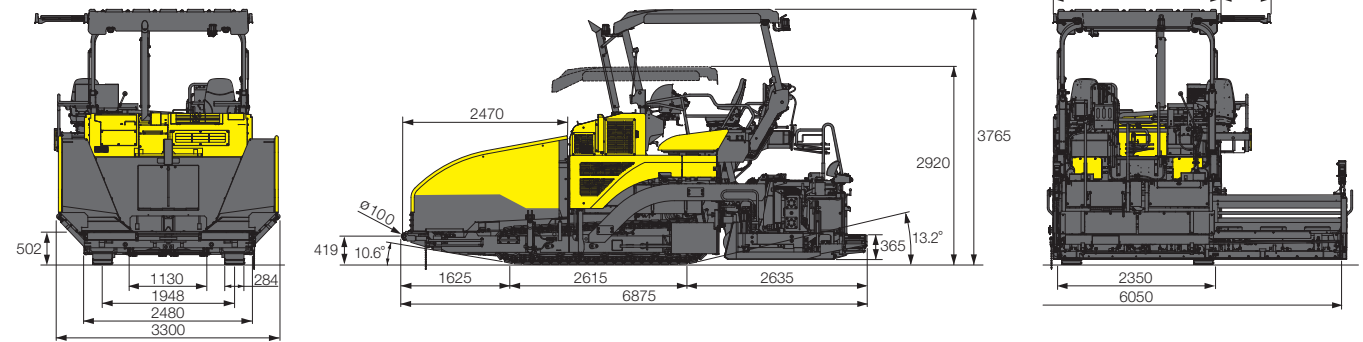
		HA60C-10B		HA60W-10B	
		TJ	TE	TJ	TE
Dimensions	Paving width	2.3~6.0 m (Infinitely variable)			
	Paving thickness	10~300 mm			
	Paving speed	1.5~22 m/min		1.5~20 m/min	
	Center crown ratio / Side slope ratio	-1~3% (Hyd.) / 0~3%			
	Overall length	6,875 mm		6,985 mm	
	Overall (Transportation) width	2,620 mm			
	Overall height / Transportation height	3,765 mm / 2,920 mm			
	Operating weight	15,480 kg	15,770 kg	15,350 kg	15,640 kg
	Tumbler distance / Wheel base	2,615 mm		2,700 mm	
	Crawler width	284 mm		—	
Tires	—				
Conveyor system	Width x No. of line	400 mm × 2			
	Rotating speed	0~15.9 m/min			
Auger system	Diameter x Pitch	ø330 mm × 300 mm			
	Rotating speed	0~82 min ⁻¹			
Screed system	Model	J-Paver 2360			
	Heating system	LPG	Electric	LPG	Electric
	Compaction system	Tampers & Vibrator			
Drive system	Type of driving method	Crawler (Track)		Wheel (Tire)	
	Drive method	HST		Front; Hyd. Motor / Rear; HST	
	Brake type	Automatic brake			
Engine	Travelling speed (Forward/Backward)	0~3 km/h		0~15 km/h / 0~8 km/h	
	Make & Model	ISUZU-4JJ1X			
	Displacement	2,999 ml (4 CYL.)			
	Rated output	89.2 kW / 2,200 min ⁻¹			
	Fuel tank capacity	180 L		170 L	

Equipment items

		HA60C-10B	HA60W-10B	◎ Standard ● Option	
		HA60C-10B	HA60W-10B	HA60C-10B	HA60W-10B
Push roller	Oscillating push roller	◎	◎	◎	◎
	Chain flap	◎	◎	◎	◎
	Hydraulic height adjustment (Auger)	◎	◎	◎	◎
	Reversible conveyor/auger	◎	◎	◎	◎
	Single feed switch	◎	◎	◎	◎
Operator seat	Left & right seat	◎	◎	◎	◎
	Slide-out seat	◎	◎	◎	◎
Sensor	Grade & slope sensor (Contact/Ultrasonic)	●	●	◎	◎
	Material flow controller (Auger rotation control)	◎	◎	◎	◎
	Screed assist	◎	◎	◎	◎
Hydraulic	Front wheel traction control (Manual)	—	◎	◎	◎
	Diff-lock system (Rear wheel)	—	◎	◎	◎
Screed	Hydraulic center crown	◎	◎	◎	◎
	Hydraulic height adjustment of extendable screed	◎	◎	◎	◎
	Hydraulic height adjustment of extendable mold board	◎	◎	◎	◎
	Auto tamper speed setting	◎	◎	◎	◎
	Side plate heating (Electric)	◎	◎	◎	◎
Others	Accessory socket	◎	◎	◎	◎
	Hard top canopy (FRP) (Hydraulic operation)	◎	◎	◎	◎
	Auto greasing system (Tractor)	◎	◎	◎	◎
	Auto greasing system (Screed)	◎	◎	◎	◎
	Cleaning device (Hose reel)	◎	◎	◎	◎

Dimensions (mm)

HA60C-10B [Crawler Type] (with optional equipment)



HA60W-10B [Wheel Type] (with optional equipment)

