

TZ704 R2-4



Received the 33rd Japan Road
Conference Excellence Award



Compaction machine with emergency brake

A roller that achieves both safety and workability.

• Appropriate brake timing according to vehicle speed regardless of day or night

Automatic judgment

• Technology that minimizes steam and dirt as much as possible (patent pending)

• Compaction width and detection width are

almost the same

• Public road driving OK • Received the 33rd Japan Road Conference Excellence Award

*The purpose of this emergency braking device is to support collision avoidance or reduce collision damage when reversing.
It does not avoid collisions or reduce the damage of collisions in all situations. Please read the notes on the back carefully.



Specified Special Motor
Vehicle Exhaust Emission 2014
Standard Compliant Vehicle



Ultra-low noise



HK-180024-VE (technical
construction machinery name: emergency braking system)



5 dB lower than the ultra-low noise standard value in eco mode



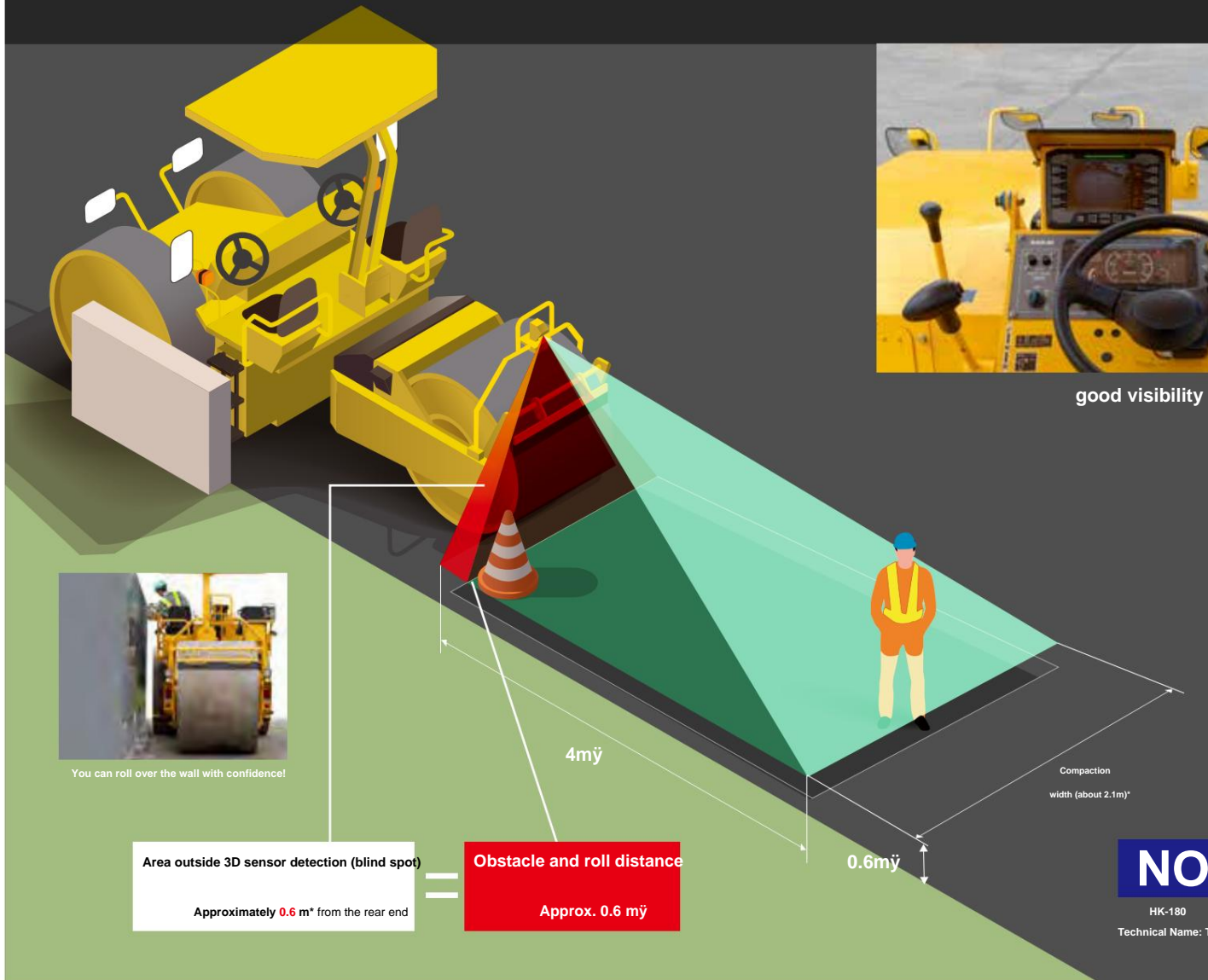
For detailed product information, please visit our website.

www.sakainet.co.jp

Access exclusive videos.

Search for "emergency braking" within the channel.

Close call sentry



Use of speed sensor

proper brake

When the vehicle speed is slow

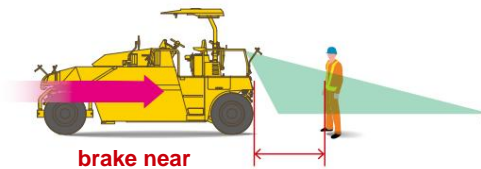
When an object enters the detection area, the operator and the surrounding area will be notified with "Dangerous. Please be careful."



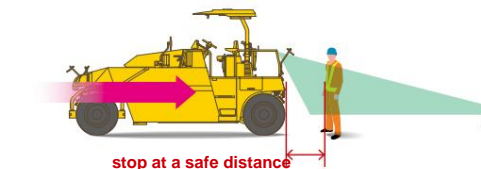
It is dangerous. please note.



beep beep beep...



The emergency brake has been activated. Return the forward/reverse lever to neutral and press the parking button.



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Guardman TZ704 R2-4

Further safety improvement

Vest with reflective sheet
Please wear it.



Guardman display function

- Always display the rear image
- ON/OFF of the rear speaker
- Emergency braking function ON/OFF



Objects directly behind tires can also be checked

Outline specifications

		TZ704 Guardman	R2-4 Guardman
Quality Mechanical Quality	kg	9,130	9,460
Performance operating speed (Lo/Hi)	km/h	0 ∩ 12 / 0 ∩ 24	0 ∩ 8 / 0 ∩ 16
Operating speed range of emergency brake (Lo/Hi)	km/h	0 ∩ 12 / 0 ∩ 10	0 ∩ 8 / 0 ∩ 8
Dimensions Overall length	mm	4,985	5,020
Width	mm	2,275	2,100
compaction width	mm	2,275	2,100

⚠ Notes

- 1) Before using a product equipped with an emergency brake device (hereafter referred to as this device), be sure to read the instruction manual and fully understand its contents to use it correctly.
- 2) Depending on the conditions of the object to be detected, the condition of the vehicle, the working environment, etc., the device may not operate properly, or may not be able to demonstrate its performance sufficiently, or may not be related to the risk of collision. It may work fine.
- 3) Drivers should not rely on this device for driving, and should always be aware of their surroundings and drive safely at their own responsibility.
- 4) The device will not operate outside the operating speed range ("OFF" indication on the display and an audible alarm will notify you).
- 5) When going backwards on a downhill, the braking distance when the brakes are applied will be longer, so please slow down and drive safely.
- 6) Do not test the operation of this device on people, heavy machinery, walls, etc.
- 7) When removing/repairing sensors due to an accident, etc., and if the display shows an error in the sensors, be sure to contact our sales office.
- 8) In order to ensure safety, please conduct inspections and maintenance of our company or our designated factory once a year.
- 9) TZ704Guardman main unit and R2-4Guardman main unit (including this device) comply with safety standards. Please refrain from unauthorized modification (unauthorized modifications are subject to severe penalties. can be set).

* For work operation of rollers, it is compulsory to attend "special training related to operation of rollers".

*Using any fuel other than the appropriate fuel may cause a significant decrease in performance or malfunction.

*This specification is subject to change without notice for quality improvement.



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standard equipment

• Driver's seat display • Driver's seat / rear speaker

• 3D sensor • Rear camera

Related laws and regulations

∩ Structural standards for vehicle construction machinery

∩ Security standards for road transportation vehicles (large special vehicles)

∩ Regulations concerning the designation of low-noise construction machinery

∩ Law Concerning Regulations, Etc., of Exhaust Emissions from Specified Special Motor Vehicles