

HANTA

**CRAWL TYPE
ASPHALT FINISHER**

F14CE-5

Paving Width

◀ 0,8 ~ 1,4 m ▶



**WHEEL TYPE
ASPHALT FINISHER**

F1432W5

Paving Width

◀ 1,4 ~ 3,2m ▶



Toward further evolution

HANTA's confidence
work to make a new road

Zscreed



F1432W5

NEW WHEEL TYPE ASPHALT FINISHER

New Model

Reliable (RV 3-pieces screed)

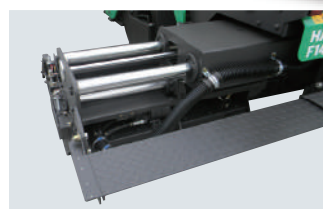
Achieves a high level of paving by inheriting
the paving capability of medium-sized machines

- Paving width : 1.4 ~ 3.2m
- Laying thickness : 10 ~ 120mm
- Weight : about 5,995kg
- Feeding capacity : 109m³/h
- Paving by base course material is possible
- Low noise level certified machine



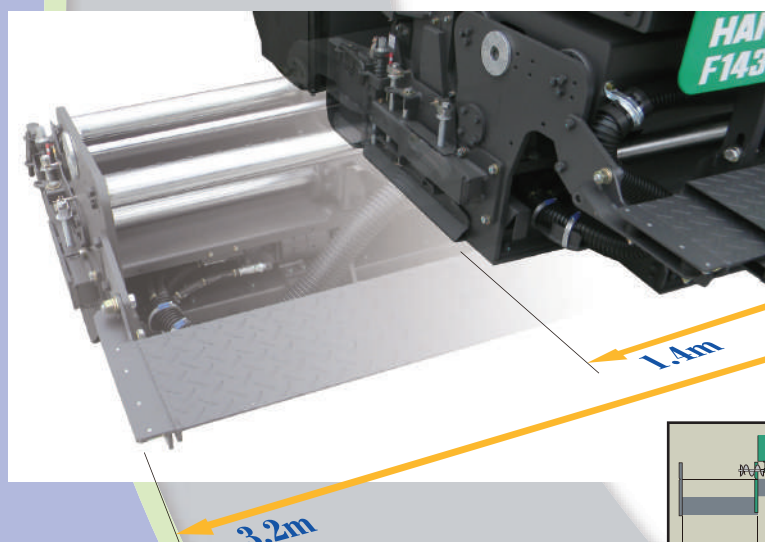
Infinitely variable extension with one touch from 1.4m to 3.2m

Z screed is a screed capable of infinitely variable extending from 1.4m to 3.2m. It promises not only the convenience that the paving width can be changed during paving, but also high rigidity and high pavement quality. Also install a full-fledged step to the full width of 3.2m and moves to the end of the paving width.



3-lot support

Resisting shaking by 3-lot support with high extendable rigidity



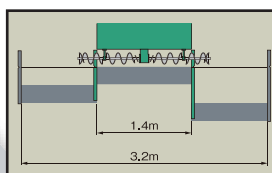
Extendable mold board that keeps the amount of asphalt constantly

Equipped extendable mold board as standard which interlocks to the extendable screed. Prevents the excess holding of asphalt in front of the extendable screed and prevents slipping at the start. In addition, the feeding of asphalt to the end of screed becomes smooth.



Reliable Z screed (RV 3-pieces screed)

It is a triple extendable type, which can extend infinitely variable from 1.4m to 3.2m. The paving width can be changed smoothly during paving, and a high-rigidity structure adopting a large-diameter guide pipe realizes reliable work and high-precision pavement.



Further enhancement of environmental and operational performance

Improved environmental control with clean engine and ecological (ECO) mode.
Improved operability with color display.

Equipped with an engine ECU, a control unit on the body side and display, various added values such as eco-mode are realized.

Environmental control

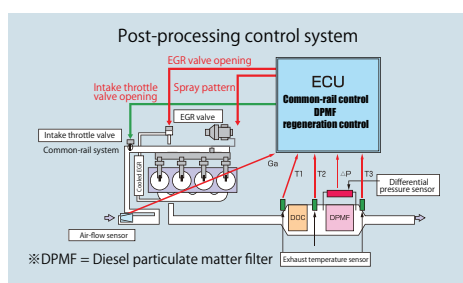
Contributes to the improvement of ECO by logical control.



New clean engine



Pursuing ecological control such as low fuel consumption, low exhaust gas, and low noise by adopting a common rail type fuel injection system for optimal fuel injection and also adopting cooled EGR. At the same time, it achieves a 21% power up compared to the previous model, and provides excellent response.



Cooled EGR

EGR (exhaust gas recirculation system) adopts a high-efficiency EGR cooler type. By recirculating more exhaust gas, engine burning temperature is lowered and NOx reduction effect is increased.

Color Display

The driver's seat has a 7-inch wide full-color display that is easy to see even in bright places.

To conventional displays such as machine condition, engine speed, and speed display, various work information is also integrated.

In addition camera images, emergency operations, DPMF information, machine management functions, etc. are also adopted.

Visualization of working status provides safe and reliable operation support.



Equipped with eco mode

When eco mode is selected with the eco mode button, the eco-mark is displayed as energy saving operation (engine speed 1,500 r.p.m). When the load exceeds a certain level, the engine speed is automatically increased.



Eco mark display

DPMF to remove PM

Newly adopted DPMF that collects, removes and burns PM in exhaust gas. When PM deposits, burning starts automatically by filter cleaning control. The PM deposition status can be confirmed by the DPMF regeneration level on the driver's color monitor.



EDPMF gauge display

Extensible operation box

It can be extensible to front and back with an electric cylinder to the operator's optimum arbitrary position during paving.



Traveling speed is three modes of low medium and high speed

Arbitrary speed can be obtained by operating the F/R lever. Then selected only by operating the switch.



1st gear mode

This mode is suitable for paving work. Exert a pulling power by 4WD. * 2-wheel drive or 4-wheel drive can be selected.



2nd speed mode

This mode is suitable for travelling on narrow city roads.



3rd speed mode

This mode is suitable when travelling to the site and when transporting.

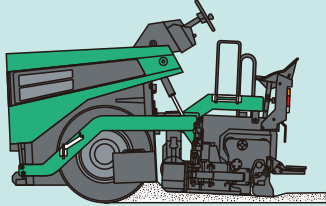
F1432W5

By adopting the most advanced technology, further improved operability and stability.

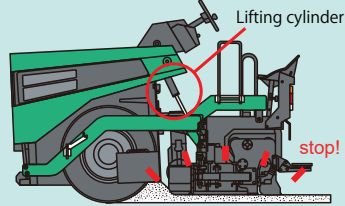
Auto screed lock & soft start function

The auto screed lock device is operated when paving work is paused to waiting for asphalt. A lifting cylinder prevents the screed from falling. When restarting, the electronically controlled soft start function works automatically, and it can be started without screed marks.

Without lock function



With auto screed lock device



Screed assist

Use at thick pavement and soft roadbed pavement.



Crown adjustment is the ratchet type

The crown amount can be easily adjusted by ratchet operation.



Standard "Power height adjustment" that can adjust a difference in level quickly with simple operation

Extendable screeds structurally cause streaks on the pavement surface of the front and rear screed laps by change the paving thickness. In addition, height difference adjustment is also important in order to finish up a uniform pavement surface with the surface pressure as uniform as possible. F1432W5 is equipped with a power height adjustment device as standard, so it can be easily adjusted with a single switch operation. Even when rubbing to the vertical direction with sudden changes in laying thickness, the height difference can be adjusted quickly.

Convenient side switch panel

The screed extension switch, pivot up / down switch, auger switch and height adjustment switch can be operated on both sides of the screed.



LED working light



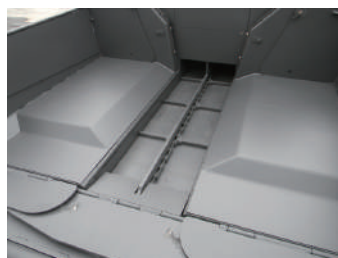
Engine start safety system

The engine does not start when the traveling lever and working / traveling switch are ON.



Feeder is center link type

The feeder adopts an original center link type



Screw auger is L/R independently single driving system

The feeder and screw can be controlled even while using the automatic asphalt feeding system. Feeder and screw speed control is an electromagnetic proportional (variable) type, which provides the optimum conveying amount and lateral feeding amount for work. The screw auger can be operated left and right independently and/or forward and reverse rotation.

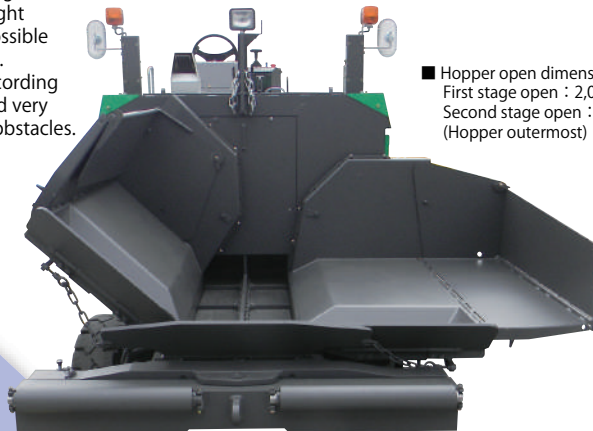
Flip-up type side cover

The side covers flip up with a single touch for repairing or checking

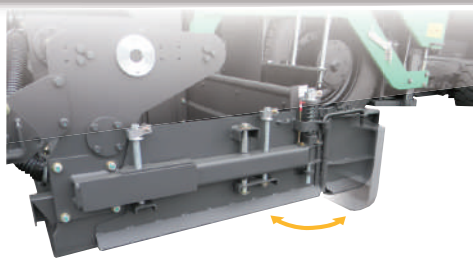


Hopper is two-stage foldable

The hopper is two-stage foldable and left or right single operation is possible by hydraulic cylinder. It can be adjusted according to the paving site, and very convenient to avoid obstacles.



- Hopper open dimensions
First stage open : 2,085mm
Second stage open : 2,845mm
(Hopper outermost)



Open/Close type wing plate

By adopting open/close wing plate makes it easy to discharge the asphalt to both sides of the screed and easy for cleaning.

All propane burners ignite by electrically

This triple screed adopts an auto-ignition & Flame monitoring propane burner, making burner ignition easier and safer.



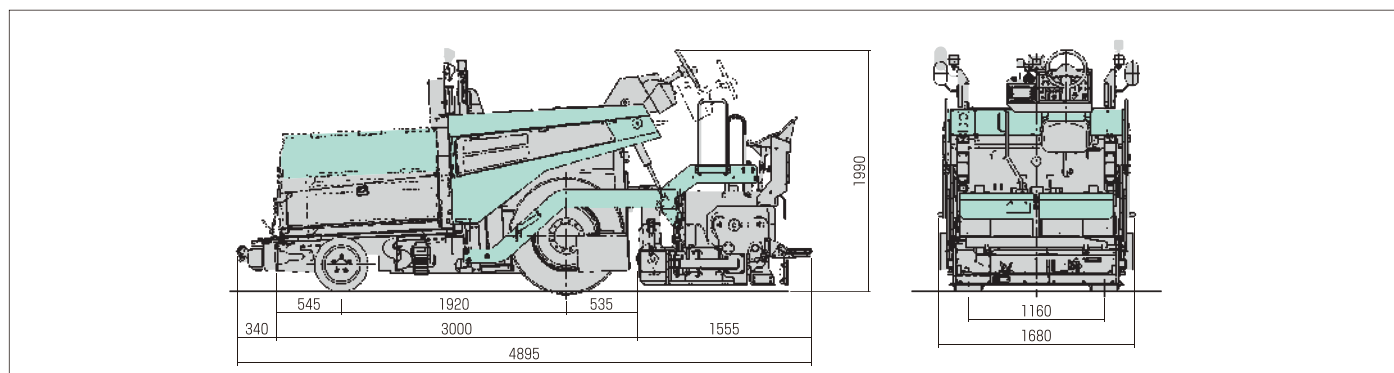
Standard accessory

- Pail can hook
- Extension screw storage
- Folding type retainer
- Wheel-in motor
- LPG heating device with flame control
- Screed height adjustment device
- Independent & reversible feeder & auger
- Extendable mold board
- Wing type plate
- Can hook, tire choke
- Automatic material volume control system
- Pivot up / down switches
- Screed extension switches
- Fire extinguisher
- Screw guard storage location
- Battery switch
- Height adjustment SW on Screed panel
- Auger SW on Screed panel
- 4 wheel drive
- Automatic wet brake system
- Engine start safety function
- Front wheel rudder angle monitor
- Extendable tilt steering
- Eco mode
- Camera (for hopper monitoring)

Option

- Grade controller
- Sensor bracket & arm
- Temperature control system
- Paving Process Control system
- Vertical slide work light (LED)
- Fuel tank cap with lock
- Customized painting

Dimensional drawing



Specifications

Model	F1432W5
Weight	Approx. 5990kg
Paving width	1,400 ~ 3,200 mm
Laying thickness	10 ~ 120 mm
Paving speed	1 ~ 10.7 m/min
Hopper capacity	Approx. 3.3 ton
Gradability	17.6 % (Working), 36% (Transport)

Dimensions

Overall length	4,685mm(Transport) 4,895mm(Working)
Overall width (Transport)	1,680 mm
Overall height	1,990 mm
Wheel base	1,920 mm
Wheel width (Front)	1,190 mm
Wheel width (Rear)	1,120 mm
Min. turning radius	4.7 m

Engine

Make & model	KUBOTA V2403-CR-E4B
Type	4 stroke water cooled diesel
Displacement	2,434 cc
Rated output	30.7 kW/ 2,200 min ⁻¹
Max. torque	157.4 N.m/ 1,500 min ⁻¹

Screed

Main screed	1,400 mm
Ext. screed	900 mm
Crown & invert	- 0 % ~ + 3 %
Up/down	Hydraulic cylinders
Heating system	LPG burners (2 sets for main screed, 1 set for each extension)
Laying thickness adjustment	Pivot hydraulic cylinders & Hand operating cranks
Compaction	Hydraulic vibrators
Vibration frequency	0 ~ 53 Hz

Feeder

Type	Single lane, central chain link dual bar type
Capacity	109 m ³ /h (theoretical value)
Effective width	482 mm

Screw

Type	Screw auger type
RPM	0 ~ 63 min ⁻¹

Drive system

Drive system	Wheel type
Steering	Orbit roll
Brake system	Hydraulic & wet type brake
Transport speed	0 ~ 7.0 km/h

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F14CE-5

Paving Width ◀ 0,8 ~ 1,4 m ▶

Mini-Paver for all narrow jobs

NEW STAGE-V ENGINE

Electronic ignition and flame control

For easy handling, the screed is equipped with electronic ignition boxes that also monitor the flame and turn off the gas in case of no flame presence



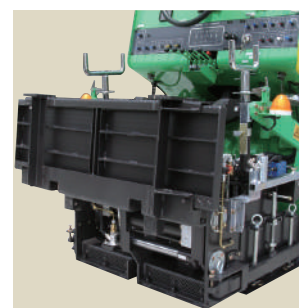
Engine

The NEW 3 cylinders Kubota D1703-M-DI-E4B [Stage V] delivers high work efficiency, low fuel consumption and low emission level.



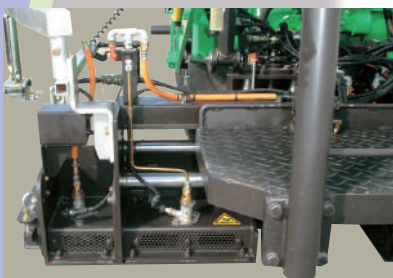
Footboard

Folding the footboard paving to get very close to walls, sidewalks and obstacles.



Bolt on extensions

200mm bolt on extensions are supplied together with the paver in order to reach 1800 mm max paving width. Moreover, reduction shoes (standard) allow to reduce paving width to 400mm.



Augers

Independent and reversible augers.



Conveyor

Standard reversible conveyor.



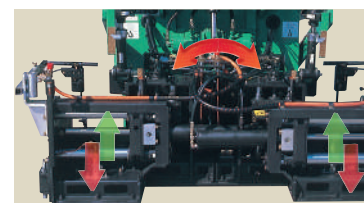
Grade system arrangement

As the pivot point is controlled by a switch and moved by an hydraulic cylinder, the machine can properly work with any automatic levelling system.



Screed settings

Besides crown adjustment, screed extension height is also settable for a perfect paving surface.



Hoppers

Independent and foldable hoppers allow to contain a big quantity of material and getting as close as possible to any obstacle



Excellent performance, easy operation and work efficiency.



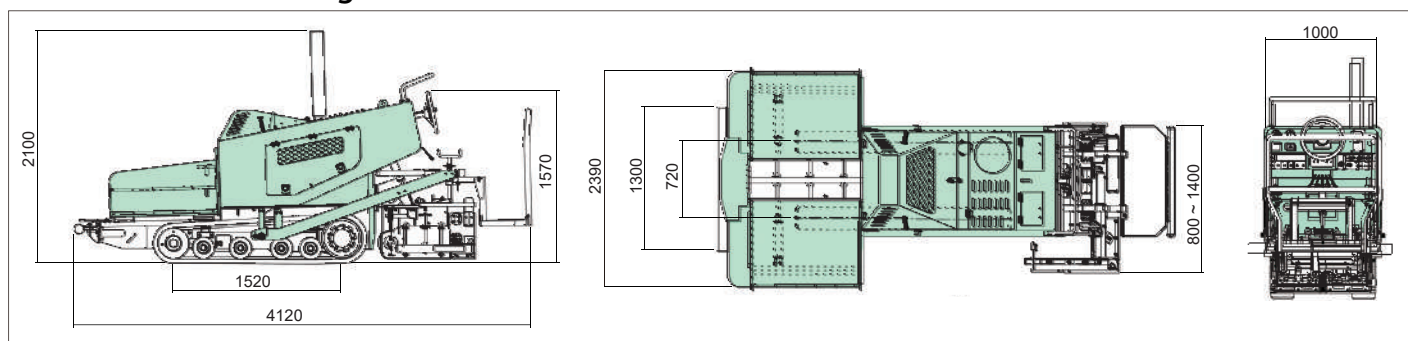
Standard accessory

- 20cm bolt-on extension
- 20cm reduction shoes
- LPG heating device
- Electronic flame control
- Independently driven feeder & screw auger
- Reversible conveyor
- Automatic material volume control system
- Reversible auger
- Auger high adjustment
- Fire extinguisher
- Battery switch
- Engine start safety function
- Pivot cylinder up / down switches
- Grade system arrangement
- Screed extension distributor
- Foldable hopper extensions
- Sensor bracket & arm
- Front pushing bar

Option

- Grade controller
- Temperature control system
- Paving Process Control system
- Left side emergency switch
- Electric double extension control
- Customized painting

Dimensional drawing



Specifications

Model	F14CE-5
Weight	Approx. 2.900 kg
Paving width	800 ~ 1.400 mm
Laying thickness	10 ~ 100 mm
Paving speed	1 ~ 6 m/min
Hopper capacity	Approx. 1,5 ton
Gradability	19,4 % (Working), 36% (Transport)

Dimensions

Overall length	4.120 mm
Overall width (Transport)	1.000 mm
Overall height	2.100 mm
Track length	1.520 mm
Track width	920 mm
Track Width (C/C Distance)	720 mm
Track Shoe Width	200 mm

Engine

Make & model	KUBOTA D1703-M-DI-E4B
Type	4 stroke water cooled diesel
Displacement	1.647 cc
Rated output	18,5 kW/ 2,200 min ⁻¹
Max, torque	97,4 Nm/ 1,500 min ⁻¹

Screed

Main screed	800 mm
Ext. screed	200 mm
Crown & invert	0 % ~ + 3 %
Up/down	Hydraulic cylinders
Heating system	LPG burners (4 sets for main screed, 1 set for each extension)
Laying thickness adjustment	Pivot hydraulic cylinders & Hand operating cranks
Compaction	Hydraulic vibrators
Vibration frequency	66,7 Hz

Feeder

Type	Single lane, central chain link dual bar type
Capacity	53,6 m ³ /h (theoretical value)
Effective width	350 mm

Screw

Type	Screw auger type
Speed	0 ~ 71 min ⁻¹ (non-step adjustment)

Drive system

Drive system	Track type
Approach angle	30°
Brake system	Hydraulic & wet type brake
Transport speed	0 ~ 2,4 km/h

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Contact-Less levelling systems



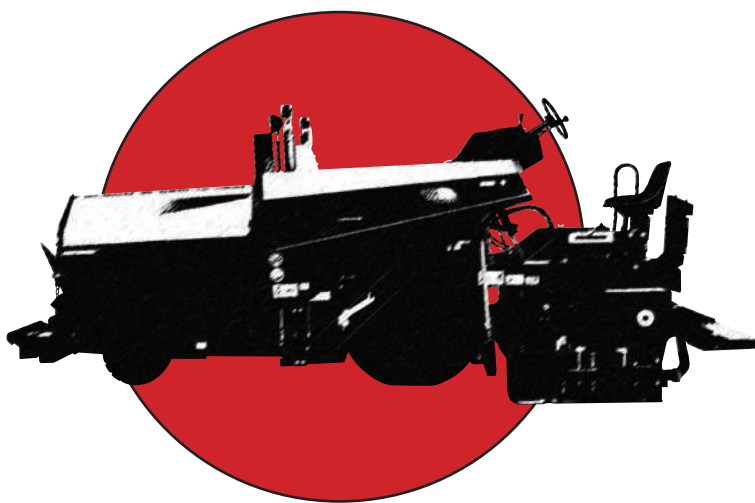
Classic levelling systems



Paving Process Control System



Temperature control



Dealer:



For Europe:



O.M.S. s.r.l.

Via G. Rossa, 16 20020 ARCONATE -MI- ITALY
Tel. +39 0331 462350 Fax. +39 0331 539391
Email: info@omsbressan.it
Web: www.omsbressan.com

**HANTA MACHINERY
Co.,Ltd.**

50-15, Misono 1-chome, Itabashi-ku,
Tokyo 175-0091, Japan
<http://www.hantak.co.jp/>

MACHINE PARTS SERVICE

