www.**hyundai-ce**.com

HD CONSTRUCTION EQUIPMENT

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PLEASE CONTACT

2026. SEP

HL665 F / HL665 FL

With EU Stage V Engine Installed

* Photo may include optional equipment.



Rated Power	Bucket Capacity	Operating Weight
170 kW at 2,200 rpm	HL665F : 2.7 / HL665FL : 3.2 m^3	17,200 kg (37,920 lb)

HYUNDAI

WHAT'S NEW AND BEST

HIGH EFFICIENCY, ENERGY SAVING

- Low-RPM Engine
- Triple Fuel Filter
- High Acceleration Performance
- Advanced Double Pump Confluence Technology
- Box-shaped Structure

RELIABILITY & DURABILITY

- High Performance Cooling System
- Reliable Hydraulic Components
- Wet-Type Pre-Cleaner Option

High Wear-Resistant Pins and Bearings

OPERATOR COMFORT

- Super-large Driving Space
- Optimized Ergonomic Design
- Excellent Air Conditioning System
- Deluxe Suspension Seat
- Centralized Monitoring Panel
- Entertainment System (USB/MP3, Radio)
- Shock Pad

MAINTENANCE CONVENIENCE

- Easy Access to Engine Compartment
  - Wide-open Hood Cover
  - Ground Level Access to Check Point
- Quick-Change Brake Disc



* Photo may include optional equipment.

Weichai Steyr WP10HG230E670 Engine

With 170 kW rated power and 2,200 rpm rated rotation, the Weichai Steyr WP10HG230E670 engine has been adjusted on the basis of condition subdivision, enabling lower fuel consumption with DOC+DPF+SCR+ASC after treatment system (ATS) in the most commonly used operating states.





Triple Fuel Filter

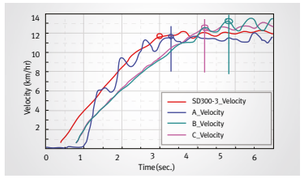
Triple fuel filters protect the engine and fuel system from low quality fuel and make engine life longer.

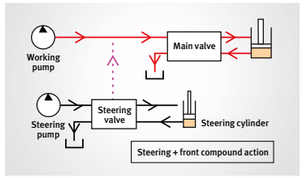
High Acceleration Performance

The injection pump has undergone special debugging at a professional test bench and features greatly improved engine acceleration performance, enabling Hyundai machines to start work in 3 seconds while other brand machines are still in the acceleration phase.

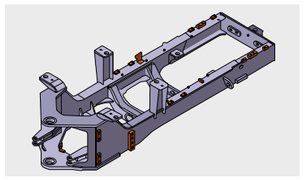
Advanced Double Pump Confluence Technology

The hydraulic system uses condition subdivision to realize a reasonable match, and makes full use of power and energy, thereby minimizing engine oil pressure load and power loss and enabling miniaturization of the hydraulic pump.









The whole center of gravity has been moved backward, and the rear axle load bearing proportion has been increased to 54% resulting in a tipping load 10% higher than the industry level and greatly improved product stability.

Thanks to the box-shaped structure of the rear frame side plates, the enhanced frame strength makes it easy to meet the challenge posed by harsh working conditions.

Increasing the tilting angle a1 allows the machine to move on bumpy roads without spilling any material, while increasing the dump angle a2 enables the machine to dump materials more quickly and completely.



With a 3.2 m wheelbase and a 5,630 mm turning radius at the bucket edge, which is the smallest among similar products in the industry, Hyundai's machine is specifically designed for light density material working conditions and offers greater overall flexibility, as well as more apparent advantages especially in confined work spaces.



*HL665F/ HL665FL

* Photo may include optional equipment.

HIGH EFFICIENCY, ENERGY SAVING

Smart shape, giant strength

Perfect match between power and speed, unrivalled work efficiency in the industry.

RELIABILITY & DURABILITY

Low oil temperature for high quality

Greater reliability ensured by efficient cooling, 24 hours continuous work under 45°C environment without risk of overheating.



The hinge pins for operating devices in 6 positions have a radius of 5-10mm larger than similar products in the industry. The pin roll sets are made of highly wear-resistant materials and processed with a special heat treatment technology, thus offering greater durability and second-hand residual value.



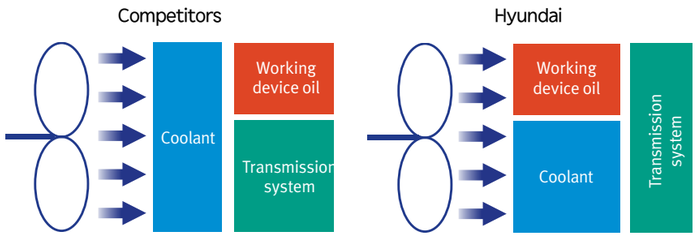
The method of articulating the front and rear frames has been changed by replacing tapered roller bearings with joint bearings, effectively preventing common problems such as loosening and breakage in the industry.



Cooling System

By improving the cooling system's layout and materials, the unique patented cooling technology greatly reduces hydraulic oil temperature and coolant temperature during operation time, thus resolving the high temperature problem that has been hanging over the industry for many years. The machine is guaranteed not to overheat even after 24 hrs of continuous work under 45°C atmospheric temperature.





Hydraulic Seal Piping

The adoption of PARKER brand parts has greatly improved the quality of the hydraulic system. In addition, all of the hydraulic parts must satisfy the endurance test standard in South Korea to ensure the high reliability of Hyundai's loaders.



Wet-Type Pre-Cleaner

Heavy duty type pre-cleaner for dusty environment.



* Photo may include optional equipment.

OPERATOR COMFORT

Technology that Respects Human Health and Safety

The whole system comes with a standard integrated driving system that respects human health and safety, relieves fatigue, and improves work efficiency.

Cabin

The cab's interior features an ergonomic design, a super-large driving space, wider front and rear visual fields, a user-friendly design for easier operability, and industry-leading driving comfort.







Deluxe Seat

High back, deep-seated position, dual armrests and multi-level spring shock absorption guarantee a comfortable operation.



Entertainment System

High-quality audio entertainment systems (MP3, radio) create a pleasant and relaxed work environment. A USB port is also available for charging mobile phones.



Shock Pad

A new model of shock pad is used to provide stronger durability and reduced shock and noise, effectively relieving the driver's fatigue.



* Photo may include optional equipment.

MAINTENANCE CONVENIENCE

Professional and Technical Services for Customers

* Photo may include optional equipment.

Easy Maintenance

The use of quick-change brake discs allows the user to check brake pads for excessive wear at any time and change the brake pads more easily without needing to remove the tires.



The booster pump delivers a higher augmented-thrust ratio, more stable braking performance, and more convenient daily maintenance thanks to its being mounted on the body's side.



Easy Access

Conveniently located coolant and transmission oil sight gauges make checking fluid levels fast and efficient. Ground-level access to fuel and oil filters, grease fittings, fuses, machine components and wide-open covers makes service more convenient.



SPECIFICATIONS

ENGINE

		HL665F	HL665FL
Maker		Weichai	
Model		WP10HG230E670	
Emission Level		EU Stage V	
Rated Power		170 kW / 2,200 rpm	
Number of Cylinders/Bores/Strokes		6 / 116 / 150	
Displacement		9.5 ℓ	
Max. torque		1,200 N.m / 1,400-1,600 rpm	

POWER TRAIN

T/M Type		Power shift	
Speed Range (F/R)		2 / 1	
Forward	1st	13.6 km/h	13.3 km/h
	2nd	38.5 km/h	38.0 km/h
	3rd	-	
	4th	-	
Reverse	1st	17.5 km/h	16.9 km/h
	2nd	-	
	3rd	-	
Max. traction force		160 kN	
Drive System		Four-wheel drive	
Rear Axle Oscillation		11°	
Service Brake		Air push hydraulic / dry disc	
Tire		23.5-25 16PR	

HYDRAULIC SYSTEM

Pump Type		Gear pump	
Pump Displacement		100 mL/r	
System Pressure		15.7 MPa	16.7 MPa
Cycle Time	Lifting	5.0 s	5.1 s
	Dumping	1.2 s	1.4 s
	Lowering	2.6 s	2.9 s
	Total	8.8 s	9.4 s

GENERAL OVERVIEW

Operating Weight	17.2 ton	
Bucket Capacity	2.7 m³	3.2 m³
Rated Load	5,500 kg	
Breakout Force	165 kN	
Tipping Load (Full Turn)	10,300 kg	11,200 kg

SERVICE REFILL CAPACITY

Fuel Tank	300 ℓ	
Hydraulic Oil Tank	245 ℓ	260 ℓ
Engine Oil	19 ℓ	18.4~21 ℓ
Transmission Oil	49 ℓ	
Axle Oil F/R	27 ℓ / 27 ℓ	

NOISE

Operator Sound Pressure Level	84 dB(A)	82 dB(A)
EXTERNAL (Measured/ Guaranteed)	110 dB(A)	111 dB(A)

STANDARD / OPTION

	HL665F	HL665FL
2 Headlights	●	●
2 Work Lights on Cabin (LED)	●	●
Additional Light On Cabin (LED)	○	○
2 Work Lights on Rear Grille	●	●
2 Rear Combi Lights	●	●

STANDARD / OPTION

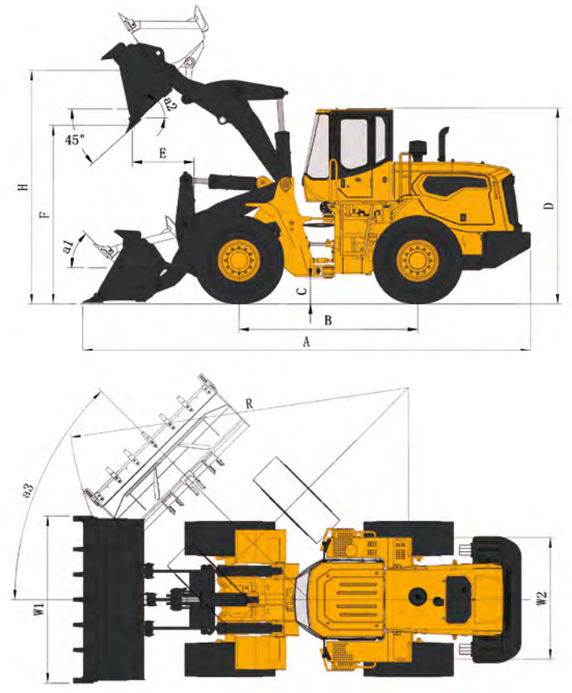
	HL665F	HL665FL
Electric Horn	●	●
Tilting Steering Column	●	●
2''Retractable Seat Belt & Adjustable Seat	●	●
Front Wiper and Washer	●	●
Mono Joystick Pilot Control	●	●
Finger Tip Three Lever	○	○
Air-Conditioning System	●	●
Defroster	●	●
Rear Wiper	○	○
Additional Counter Weight 1.50 T	-	○
Additional Counter Weight 1.80 T	-	○
Additional Counter Weight 2.30 T	○	-
Heavy Duty Arm	-	○
High Lift Arm	○	○
Standard Arm	●	●
Super Long Arm	-	○
Aux. Piping	○	○
Quick Coupler	○	○
2.7 m³ GP;Adapter Tooth	○	○
2.7 m³ Mono Tooth	○	○
2.7 m³ Mono Tooth(Q/coupler)	●	●
2.7 m³ V-Type	-	○
2.9 m³ Cutting Edge	○	○
2.9 m³ Cutting Edge(Q/COUPLER)	○	○
3.0 m³ Adapter Tooth	○	○
3.0 m³ GP;Mono Tooth	○	○
3.0 m³ HD Mono Tooth	○	○
3.0 m³ Mono Tooth(Q/Coupler)	○	○
3.0 m³ Adapter Tooth (Q/Coupler)	○	○
3.2 m³ Cutting Edge	○	○
3.2 m³ Mono Tooth	-	○
3.5 m³ Cutting Edge	-	○
4.0 m³ Light Material Bucket	○	○
4.2 m³ HD;Cutting Edge	-	○
Grapple Fork	○	○
Grass Grapple	○	○
Lifting Hook	○	○
Log Fork	○	○
Marble Fork	○	○
Non-Loader Attachment	●	●
Pallet Fork	-	○
Side Dump Bucket	-	○
Snow Blade	-	○
3-Spool MCV	○	○
Tubeless Tire	○	○
Tubeless Tire for Desert	○	○
Tube Tire for Desert	○	○
Tinted Glass	○	○
Fuel Filler Pump	○	○
Rear View Camera	-	○
Wheel Chock	-	-
Wet Pre-Cleaner	○	○
Clutch Cut-Off	○	○
Rotating Beacon	○	○

● : Standard ○ : Option - : Not available

DIMENSIONS

HL665F / HL665FL DIMENSIONS

All dimensions are approximate.



GENERAL SPECIFICATION

	HL665F	HL665FL
Operating Weight	17.2 ton	
Machine Dimensions (A x W1 x D)	8,090 × 2,992 × 3,495 mm	8,150 × 2,992 × 3,520 mm
Ground Clearance (C)	480 mm	420 mm
Wheel Base (B)	3,200 mm	3,300 mm
Tread (W2)	2,174 mm	
Turning Radius (Outer Tire Edge)	6,470 mm	5,950 mm
Steering Angle (a3)	36°	40°

WORKING RANGE

	HL665F	HL665FL
Dumping Height (F)	3,027 mm	3,066 mm
Dump Reach (E)	1,338 mm	1,322 mm
Max. Dump Angle (a2)	48°	49°
Max. Tilt Angle on Ground (a1)	45°	
Pin Hinge Height (H)	4,102 mm	4,150 mm
Turning Radius (Out tire edge)	6,470 mm	5,950 mm
Steering Angle (a3)	36°	40°

MEMO