

# HL985A

WHEEL LOADER



Engine Power  
430 HP (321 kW) 2100 rpm

Bucket Capacity  
6.5 – 7.0 m<sup>3</sup>

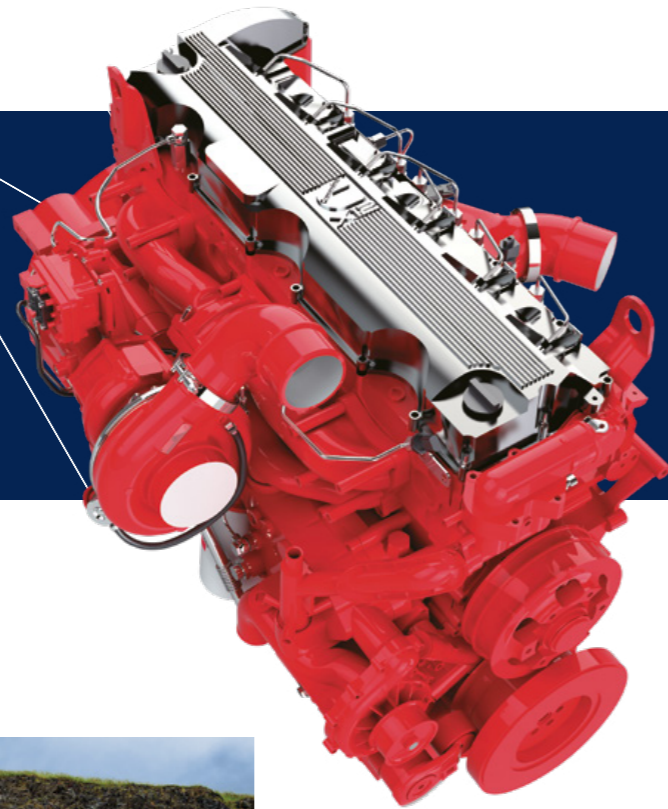
Operating Weight  
33800 kg

# READY TO CHALLENGE ON PERFORMANCE

The HL985A is powered by an eco-friendly Cummins X12 Stage V engine, making it easy to handle heavy-duty work in extreme conditions. Its power is complemented by a range of new technologies that enhance performance and fuel efficiency, while keeping harmful emissions and Total Cost of Ownership (TCO) to a minimum. And with proven parts from premium suppliers like ZF, KPM and Parker, reliability comes as standard.

## EU Stage V Engine

The X12 Cummins engine delivers high engine output but uses less fuel. And like all A-Series machines, the HL 985A features our all-in-one exhaust aftertreatment system, which cuts emissions and operating costs while enhancing reliability and simplifying maintenance.



The high-powered Stage V X12 Cummins engine delivers 430 HP gross power and peak torque of 2300 Nm.



## Hydraulic differential lock

For extra efficiency when working in tough conditions, this feature provides maximum traction and prevents tyre slip for improved productivity.

## Eco Report

The Eco Report makes it easy for operators to develop efficient working habits by displaying real-time information about machine performance.

## 5 Speed lock up clutch

The 5 speed gearbox allows operators to match the right gear to the current workload, lowering consumption and operational costs.

## Two pass loader

The loader is designed to use 6.5-7 m<sup>3</sup> capacity buckets, enabling it to easily load a truck in 2 passes, speeding up work and lowering the TCO.

## Weighing system

As standard, this system enables accurate weighing to support efficient production management.



# READY TO CHALLENGE ON DURABILITY

The true value of the HL985A, which is now far more powerful, is revealed in tough working environments. With the high-strength design structure and enduring system proven by rigorous road tests at various work sites, Hyundai wheel loaders can perform any high-load work to maximize productivity.

## Quality materials

The lifting frame of the HL985A is made of high-strength steel and subjected to a heat treatment process to make the frame much more durable.

## High quality hydraulic hoses

High-grade hoses with outstanding resistance to heat and pressure provide maximum durability, even in tough working conditions.

## Heavy-duty axles

The HL985A features premium quality axles with enhanced load capacity for better reliability and durability.

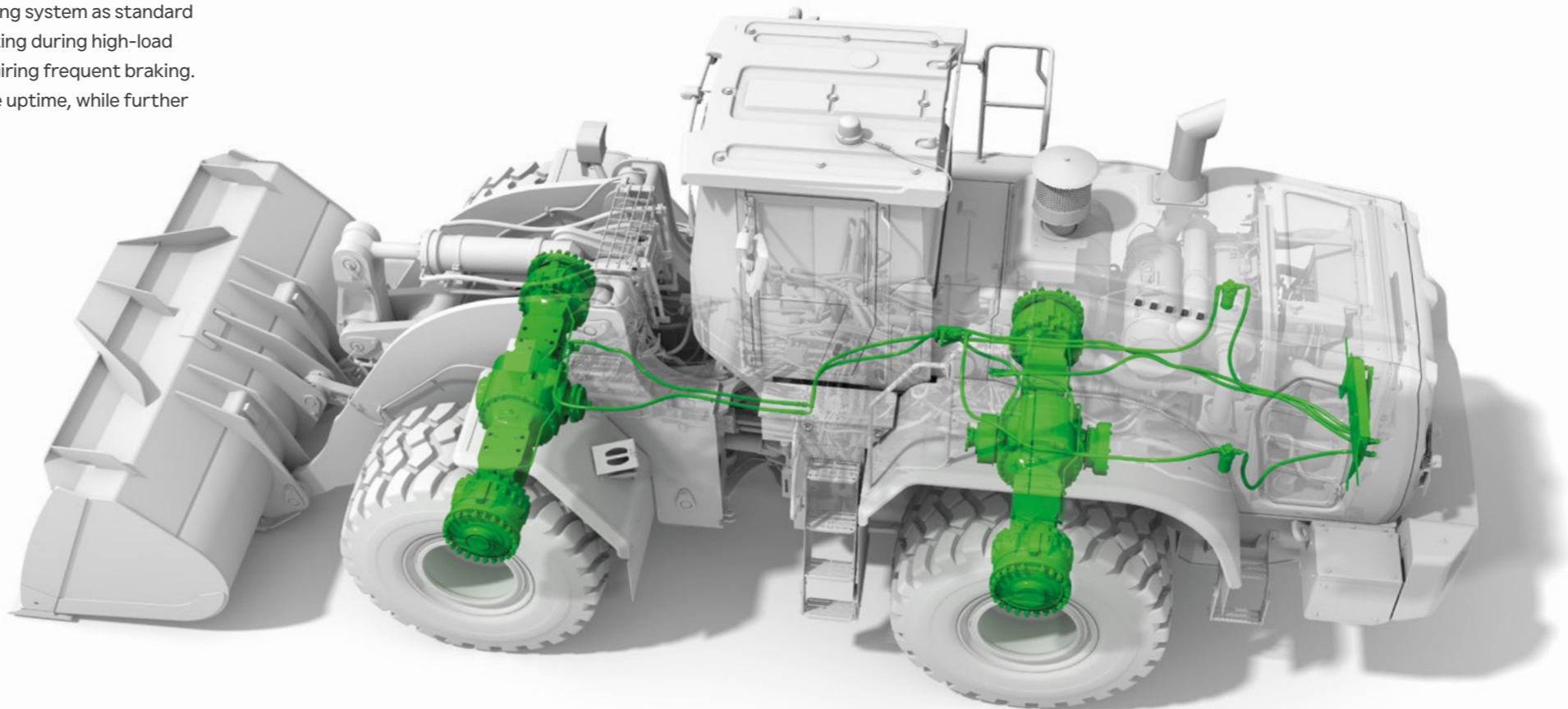
## Auto greasing system OPTION

The optional auto greasing system is designed to automatically lubricate when it is needed. Uniform application of lubricant ensures that the lubrication points always have the correct amount of grease.



## Axle oil cooling system

A dual axle oil cooling system as standard prevents overheating during high-load work or tasks requiring frequent braking. This helps increase uptime, while further reducing TCO.



# READY TO CHALLENGE ON COMFORT

The HL985A cabin was designed as a productive, stress-free working environment that fits every operator perfectly. Comfortable and spacious, it features state-of-the-art noise and vibration reduction technology and a wide, adjustable seat and armrest that ensure easy reach to all controls. A range of new technologies like soft end stop, ride control and a new improved cluster, enable easier machine monitoring and keep you relaxed during your working day.

## Comfortable cabin

A well-equipped, comfortable and fully soundproofed spacious cabin is designed to help operators work longer and more productively. It features a large, fully adjustable seat and armrest plus industry leading noise reduction technology.

## Centralized monitor and switches

A 7" touch screen monitor provides excellent legibility, while important machine status is displayed in one centralised cluster to enable easy, efficient control.

## Air compressor **OPTION**

Available as option, this feature can be used to make cleaning inside the cabin easy for operators.

## Remote door control **OPTION**

The cabin door can be opened remotely for added safety and convenience.

## Electric side mirror **NEW**

Electric side mirrors can be operated from inside the cab for added convenience and safety.



## Easy operating

Electric joysticks help the operator with low effort and precise control. A bucket priority function and auxiliary flow control can be enabled via the monitor.

## Smooth operation

A proven, high-quality electro hydraulic RCV (Remote Control Valve) lever has been added. It provides direct and smooth control of the main hydraulic functions.

## Ride control system

This system reduces pitching of the wheel loader body and bucket for more stable and comfortable operation. It also minimises spillover, adding to convenience and productivity.



## Soft end stop

This function reduces the hydraulic speed of the cylinder as it reaches the end of its stroke, which lessens the shock load of the stroke for increased operating comfort and better material retention. This function can be accessed through the monitor.

## Bluetooth radio

Conveniently located radio with hands-free audio functions.

# READY TO CHALLENGE ON SAFETY

Hyundai Wheel Loaders provide operators with the safest and most comfortable space possible for more efficient working. The latest monitoring technology offers a complete 360-degree view and detects static and moving objects to keep both operator, machine and pedestrians safe. LED lights and other new features allow peace of mind working in difficult conditions.

## AAVM **OPTION**

The AAVM (All Around View Monitoring) including IMOD (Intelligent Moving Object Detection) detects moving objects (i.e. people) around the machine by analysing the images. It also displays a warning sign on a monitor if there is a danger. This allows the operators to watch the surroundings in a variety of angles through the monitor and prevent accidents in advance.

## Rear-view camera

This standard equipment gives operators an unobstructed view to the rear of the machine, helping to avoid accidents while working.



## Seat belt warning alarm **NEW**

An alarm sounds to remind the operator to put on the safety belt.

## Radar system **NEW** **OPTION**

The optional radar system detects obstacles behind the machine day and night, with no blind spots. The distance between the obstacle and the loader is displayed on the secondary monitor.



## Emergency stop **NEW**

In an emergency, operating the Emergency Stop switch located at the bottom of the seat will shut down the engine.

## LED lighting **OPTION**

Work safely at night and in low-light environments with LED lights as standard.



# SERVICEABILITY & TELEMATICS

With improved diagnostics and a new machine layout, the HL985A is designed to make servicing and maintenance even easier. AI-based digital technologies are helping to maximize connectivity, productivity and safety to help your business become even more successful. Hyundai's Hi MATE remote management system is integrated to provide the highest level of service and support, while our new Engine Connected Diagnostics (ECD) system immediately reports any engine failure to both Hi MATE and the engine manufacturer to ensure the fastest possible resolution.

## Designed for easy maintenance

Our machines feature wide opening access panels. These panels provide ample space for you to reach and service key components with ease.



QUICK  
SERVICING FOR  
MAXIMUM  
UPTIME



## Fully opening engine hood

The tilt-back engine hood is fully retractable and can be opened electrically for improved access to the sealed engine and cooling room, allowing easy cleaning and maintenance.

## Wide core radiator

The HL985A has a dependable wide-fin air cooler that prevents performance degradation caused by contamination. This reduces clogging and costly downtime.

## Automatic reversible fan

Fitted as standard for greater machine efficiency and durability, it automatically adapts to oil temperature - turning less when cold and more when hot.

## Easy filter replacement

With easy filter replacement your machine can be managed more easily, saving you time and money while ensuring it's performing to its optimum.



# Hi MATE

It's convenient, easy and valuable. Hi MATE, Hyundai's remote management system, utilises GPS-satellite technology to provide customers with the highest level of service and product support available.

## Increase productivity

By providing information such as service hours, idle time and fuel consumption, Hi MATE saves you money and improves productivity. Service alerts enable better maintenance planning.

## Monitor your machines

Hi MATE's real-time location information allows convenient monitoring of your equipment via the Hi MATE website or mobile app.

## Improve Security

Protect your equipment from theft or unauthorised usage. Hi MATE's geofencing alerts notify you automatically when a machine leaves a predetermined zone.

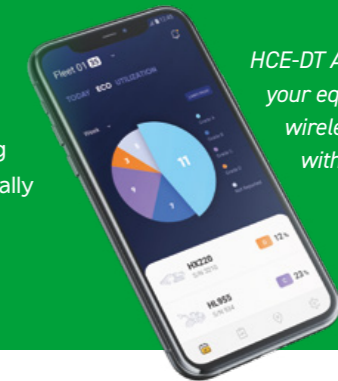
## ECD

### (Engine Connected Diagnostics)

ECD provides troubleshooting information as well as tailored servicing. Service technicians are supported with remote diagnostics allowing them to achieve quick resolution rate

## Mobile fleet app

Our Mobile Fleet app provides all the information you need to run your fleet efficiently and economically.



*HCE-DT Air connects your equipment wirelessly, right on site, with service personnel.*

## Keeping you covered

Hyundai genuine parts and accessories are designed to keep your machine running at optimum performance, providing increased uptime, comfort and productivity. Our 13000m<sup>2</sup> European Parts Warehouse guarantees 24-hour

delivery across our dealer network. Hyundai Standard and Extended Warranty Programmes are also available, providing peace of mind and giving you full control over your operating costs.



# HL985A SPECIFICATIONS

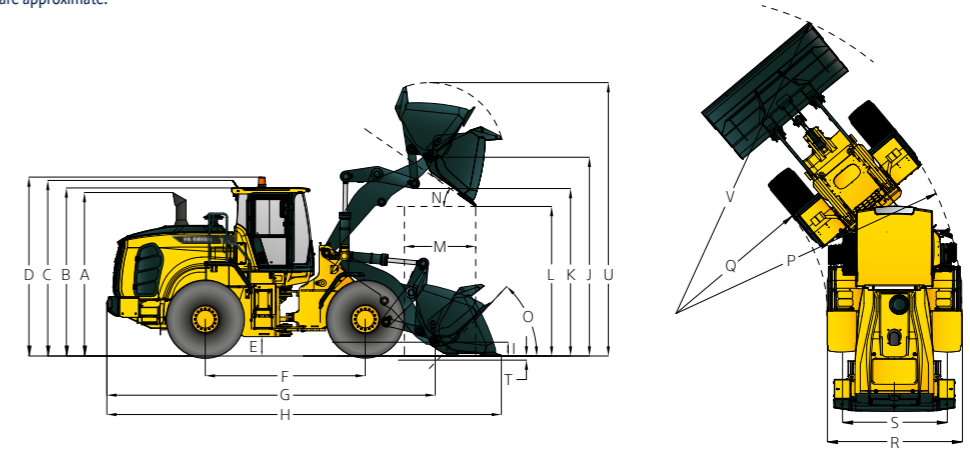
SPECIFICATIONS	HL985A	
<b>ENGINE</b>		
Manufacturer / model	CUMMINS / X12 EU Stage V	
Type	6 cylinder, water-cooled, 4-cycle, waste gate turbocharged, charge air cooled, direct injection, common rail, electronic controlled diesel engine	
Aftertreatment system	DOC, DPF, SCR, without EGR	
Gross power (SAE J1995)	321 kW (430 HP) at 2100 rpm	
Net power (SAE J1349)	313 kW (420 HP) at 2100 rpm	
Max. power	353 kW (473 HP) at 1700 rpm	
Peak gross torque (SAE J1995)	2300 Nm at 1400 rpm	
Displacement	11.8 l	
No. of cylinders	6	
Bore x stroke	132 mm x 144 mm	
Compression ratio	17:1	
Air cleaner	Dry, two stage dual elements	
Alternator	28 V - 110 Amp	
Battery	2 x 12 V, 220 Ah	
Starting Motor	24 V - 7.5 kW	
Fan	LS regulated, hydraulic driven fan with manual/ automatic reversal self-cleaning system	
- The indicated net power is available for the flywheel when the engine is equipped with a fan, alternator, air cleaner, and after-treatment device. - The indicated gross power is obtained with the fan at maximum speed.		
<b>TRANSMISSION</b>		
Manufacturer / model	ZF / 5WG310	
Transmission type	Full automatic power shift, countershaft type with soft-shift in range and direction. Properly matched torque converter to engine and transmission for excellent working ability.	
Torque converter type	3-Elements, single-stage, single phase, lock up clutch	
Travel speed	km/h	
Forward	1st	6.2
	2nd	11.9
	3rd	18.5
	4th	27.1
	5th	40.0
Reverse	1st	6.2
	2nd	11.9
	3rd	27.1
This is the maximum travel speed of a standard machine with unfilled bucket.		
<b>AXLES</b>		
Drive system	Four-wheel drive system	
Hub reduction	Planetary reduction at wheel end	
Reduction ratio	27	
Front axle		
Manufacturer / model	ZF / MT-L3135II	
Differential	Auto diff lock 100% lock ratio	
Rear axle		
Manufacturer / model	ZF / MT-L3135II	
Differential	Conventional 0% lock ratio	
Oscillating	±11 degrees	
<b>TYRES</b>		
Type	Tubeless, loader design tyres	
Standard	Triangle	875/65R29 L3 ★★
Option	Triangle	29.5 R25 L3 ★★
<b>BRAKES</b>		
Service brakes	Hydraulically actuated, wet disc brakes actuate all 4 wheels, independent axle-by-axle system. Self adjusting, wheel speed brake.	
Parking Brake	Spring-applied, hydraulically released brake	
Emergency brake	When brake oil pressure drops, indicator light alerts operator and parking brake automatically applies.	

SPECIFICATIONS	HL985A	
<b>HYDRAULIC SYSTEM</b>		
Manufacturer pump / MCV	KPM Flutek / Parker	
Type	Load sensing hydraulic system	
Maximum pump output	520 l/min at 2100 rpm	
Maximum operating pressure	315 bar	
Main control valve	2 Spool (boom, bucket)	
	3 Spool (boom, bucket, aux) (option)	
Lift circuit	The valve has four functions: Raise / hold / lower / float Adjustable automatic kickout from horizontal to full lift and to loading position.	
Tilt circuit	The valve has three functions: Tilt back / hold / dump Adjustable automatic bucket positioner to desired load angle.	
Hydraulic cycle time with rated payload	Raise, from carry position	6.1 Sec
	Dump, at maximum raise	1.7 Sec
	Lower, empty, float down	4.3 Sec
	Total	12.1 Sec
Cylinder	Type	double acting
	No. of cylinders-bore x stroke	
	Lift	2 - 190 x 890 mm
	Tilt	1 - 210 x 550 mm
<b>STEERING SYSTEM</b>		
Manufacturer steering unit / valve	Danfoss	
Type	Load sensing hydrostatic articulated steering	
Pump	Variable displacement piston pump	
Rated oil quantity	280 l/min	
System pressure	210 bar	
Cylinder	Double acting 2 - 110 x 460 mm	
Steering angle	40° to both, right and left angle, respectively	
Features	Center-point frame articulation Tilt and telescopic steering column	
<b>CABIN</b>		
ROPS / FOPS cabin meet ISO 3471 and ISO 3449		
<b>SOUND</b>		
Guaranteed noise level presented below can be differed depending on a range of factors such as operating condition, speed of a cooling fan, types of engine and so forth. Hearing protection shall be necessary if an operator is working in the improperly maintained cabin or exposed to a noisy environment by leaving doors and/or windows open.		
With cooling fan speed at maximum value		
Operator Sound Pressure Level (ISO 6396:2008)	70 dB(A)	
Exterior Sound Power Level (ISO 6395:2008)	109 dB(A)	
* Distance of 15 m, moving forward in second gear ratio		
<b>AIR CONDITIONING SYSTEM</b>		
The air conditioning system contains fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.75 kg of refrigerant representing a CO <sub>2</sub> equivalent of 1.0725 metric tonnes.		
<b>SERVICE REFILL CAPACITIES</b>		
Unit	L	
Fuel tank	440	
DEF tank	49	
Cooling system	46	
Crankcase	34	
Transmission	56	
Front axle	71	
Rear axle	69	
Hydraulic tank	200	
Hydraulic system (Including tank)	360	

# HL985A DIMENSIONS & WORKING RANGE

## HL985A DIMENSIONS

All dimensions are approximate.



Unit : mm

A	Height to top of exhaust pipe	3715
B	Height to top of cabin	3865
C	Height to top of product link antenna	3905
D	Height to top of warning beacon	3995
E	Ground clearance	487
F	Wheelbase	3800
G	Overall length (without bucket)	8465
H	Shipping length (with bucket level on ground)	10000
I	Hinge pin height at carry position	540
J	Hinge pin height at maximum lift	4750
K	Lift arm clearance at maximum lift	4010
L	Dump clearance at maximum lift and 45° discharge	3360

M	Reach at maximum lift and 45° discharge	1550
N	Dump angle at maximum lift and dump (on stops)	48
O	Roll back angle ground	42
	Roll back angle carry	47
P	Clearance circle (diameter) to outside of tyres	14400
Q	Clearance circle (diameter) to inside of tyres	7560
R	Width over tyres (unloaded) / Overall width (bucket)	3420 / 3600
S	Tread width	2540
T	Digging depth LLB01-LLB06 / LLB46	115 / 135
U	Overall height with bucket at maximum lift LLB01 / LLB06-LLB46	6740 / 6780
V	Loader clearance circle with bucket at carry position LLB01 / LLB06 / LLB46	15750 / 15930 / 16110

## OPERATING SPECIFICATIONS WITH BUCKETS

Linkage Bucket Type	General Purpose		
	Pin On	Pin On	Pin On
Mounting			
Edge Type	Bolt-on cutting edge	Bolt-on cutting edge	Bolt-on 2 piece tooth & segments
Sales code	LLB01	LLB06	LLB46
Bucket weight (empty)	kg	3080	3360
Capacity - Rated	m <sup>3</sup>	6.5	7.0
Capacity - Rated at 110% Fill Factor	m <sup>3</sup>	7.2	7.7
Width	mm	3600	3600
Dump clearance at maximum lift and 45° discharge	mm	3360	3145
Reach at maximum lift and 45° discharge	mm	1550	1760
Digging depth	mm	115	115
Shipping length (with bucket)	mm	10000	10300
Overall height with bucket at maximum lift	mm	6740	6780
Loader clearance circle with bucket at carry position	mm	15750	15930
Static tipping load, straight (no tyre deflection)	kg	26500	25050
Static tipping load, articulated (no tyre deflection)	kg	22950	21700
Breakout-force	kg / kN	28400 / 279	23800 / 233
Operating weight*	kg	33800	34080

\* All height and tyre related dimensions are with standard 875/65 R29, L3 radial tyres

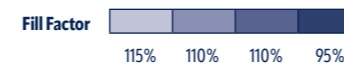
# HL985A DENSITY AND BUCKET SELECTION

# HL985A STANDARD/OPTIONAL EQUIPMENT

DENSITY OF OPERATING MATERIALS		
Loose Material	Material Density [ton / m3]	possible fill factor [%]*
Earth / Clay	1.5 ~ 1.7	~110
Sand and Gravel	1.5 ~ 1.7	~105
Aggregate	25 ~ 76 mm	~100
	19 mm and larger	
Rock	76 mm and larger	~100

\*as a percentage of the rated capacity  
The bucket size must be chosen based on the density of the material and the expected fill factor.  
For optimum stability always consult the bucket selection chart.

HL985A BUCKET SELECTION CHART												
Standard lift arm - General purpose bucket - standard counterweight 2600kg												
Size in m <sup>3</sup>	GET type	Mounting type	Option code	Material Density [ton / m <sup>3</sup> ]								
				1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
6.5	Bolt-on cutting edge	Pin on	LLB01				7.5 m <sup>3</sup>					6.2 m <sup>3</sup>
7.0	Bolt-on cutting edge	Pin on	LLB06		8.1 m <sup>3</sup>						6.7 m <sup>3</sup>	
7.0	Bolt-on 2 piece tooth & segment	Pin on	LLB46		8.1 m <sup>3</sup>						6.7 m <sup>3</sup>	
Standard lift arm - General purpose bucket - heavy counterweight 3500kg												
Size in m <sup>3</sup>	GET type	Mounting type	Option code	Material Density [ton / m <sup>3</sup> ]								
				1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
6.5	Bolt-on cutting edge	Pin on	LLB01				7.5 m <sup>3</sup>					6.2 m <sup>3</sup>
7.0	Bolt-on cutting edge	Pin on	LLB06		8.1 m <sup>3</sup>						6.7 m <sup>3</sup>	
7.0	Bolt-on 2 piece tooth & segment	Pin on	LLB46		8.1 m <sup>3</sup>						6.7 m <sup>3</sup>	



CHANGE IN OPERATING SPECIFICATIONS - TYRES		
Tyres		29.5R25 L3 ★★
Operating weight	kg	-815
Static tipping load. Straight (no tyre deflection)	kg	-600
Static tipping load. Articulated (no tyre deflection)	kg	-510
Vertical height changes	mm	-1
R. Width over tyres (unloaded)	mm	-230
P. Clearance circle (diameter) to outside of tyres	mm	-115
Q. Clearance circle (diameter) to inside of tyres	mm	+115

\*\* Dimension changes compared to 875/65 R29, ★★, L3 radial tyres

CHANGE IN OPERATING SPECIFICATIONS - COUNTERWEIGHT		
Counterweight 3500kg		LCW12
Operating weight	kg	+900
Static tipping load, straight (no tyre deflection)	kg	+2300
Static tipping load, articulated (no tyre deflection)	kg	+2000
Overall length (without bucket)	mm	+105
Shipping length (with bucket level on ground)	mm	+105

\*\*dimension changes HL985A with heavy counterweight option compared to std counterweight

CAB & INTERIOR	STD/OPT
<b>ALARMS, AUDIBLE AND VISUAL</b>	
Emergency warning	•
Engine coolant temperature	•
Transmission oil temperature	•
Hydraulic oil temperature	•
Fuel level	•
Transmission fault	•
Air filter clogging	•
Engine oil pressure	•
Steering oil pressure	•
Battery charging	•
Brake oil pressure	•
Engine check	•
Engine stop	•
Engine coolant level	•
Water in fuel	•
Exhaust system cleaning	•
Exhaust system cleaning inhibit	•
High exhaust system temperature	•
DEF level	•
SCR system fault	•
Seat belt fastened	•
<b>GAUGES</b>	
Engine coolant temperature	•
Fuel level	•
Speedometer	•
Transmission oil temperature	•
<b>INDICATOR LIGHTS</b>	
High beam	•
Parking brake	•
FNR pilot lamp	•
Joystick steering pilot lamp	•
Differential lock	□
Pilot cut-off	•
Turn signal	•
Warming up	•
Preheating	•
Engine auto stop	•
Clutch cut off	•
Float mode	•
Ride control	•
Fan reverse indicator	•
Torque convertor lock up	•
Fuel warmer	•
<b>LCD DISPLAY</b>	
Clock and fault code	•
Operating hour counter	•
DEF level	•
Engine rpm	•
Transmission gear range indicator	•
Job time and distance counter	•
Temperature (coolant, hydraulic oil, T/M oil)	•
<b>LIGHTING SYSTEM</b>	
LED interior light	•
2 stop and tail lights	•
2 stop and tail lights (LED)	□
4 turn signal lights	•
2 head lights on front frame	•
2 head lights on front frame (LED)	□
2 working lights on front roof	•
4 working lights on front roof, 2 working lights on rear roof	□
4 working lights on front roof, 2 working lights on rear roof (LED)	□
2 working lights on rear grill	•
2 working lights on rear grill (LED)	□
1 number plate light on rear grill	•
1 beacon lamp magnetic, detachable (LED)	□

CAB & INTERIOR	STD/OPT
<b>IGNITION</b>	
Key	•
Button "Smart-key" (anti-theft system)	□
Anti-theft system (code)	•
Auto engine shut down function	•
<b>SWITCHES</b>	
Hazard	•
DPF	•
Parking brake	•
FNR shifter	•
Emergency steering test	•
Pilot cut-off	•
Air compressor	□
Differential lock	•
Differential lock foot switch	□
Gear select lever	•
Multi function switch (front wiper, washer, horn, etc.)	•
Battery master switch	•
Engine hood open	•
<b>MONITOR</b>	
7-inch, colour, capacitive touchscreen	•
Multi language (selectable)	•
Multi user (personal settings)	•
Hyundai weighing system (control / USB data export)	•
Eco gauge & report	•
Adjustable access levels (PW protection)	•
E-operator manual	•
<b>MEMBRANE SWITCHES</b>	
Main light	•
Work light	•
Beacon light	□
Auto grease	□
Auto position (boom / bucket)	•
Fine modulation	•
Quick coupler	□
Ride control	•
Weighing system	•
Rear wiper & washer	•
Mirror defrosting	•
Rear view camera activation	•
<b>CABIN</b>	
ROPS (ISO 3741) / FOPS (ISO 3449) structure	•
Cab pressurized, sound suppression	•
Interior rear view mirror	•
Dual exterior rear view mirrors (main mirror electric adjustable and heated)	•
Foldable mirror stay	•
Wiper and washer, front and rear (interval function)	•
Steering wheel, tilt and telescopic	•
Steering wheel with knob	•
Roller type sunshade (front window)	•
Roller type sunshade (rear window)	□
Tinted safety glass	•
Sliding window (lockable, left and right)	•
LH front hinged door	•
Remote cabin door un- / locking, opening	□
Radio / USB Player / hands-free mobile	•
Rubber floor mat	•
Wrist rest	•
24 V to 12 V DC converter (20 A) with power outlet	•
<b>AUTOMATIC CLIMATE CONTROL</b>	
Air conditioner & heater (full automatic)	•
Defroster function	•
2-stage cabin air filtration	•



# HL985A STANDARD/OPTIONAL EQUIPMENT

CAB & INTERIOR	STD/OPT
<b>SEAT</b>	
Air suspended, heated	•
4-way adjustable, seat mounted armrest	•
<b>PERSONAL STORAGE SPACE</b>	
Console box	•
Magazine pocket	•
Cup holder	•
Coat hook	•
<b>PEDALS</b>	
Single brake pedal	•
Dual brake pedal	□
Accel pedal	•
<b>ENGINE</b>	<b>STD/OPT</b>
Alternator, 28V, 110A	•
Batteries 2 x 220 Ah / 2 x 12 V	•
<b>ENGINE, STAGE V</b>	
CUMMINS, X12	•
Cold start system (pre-heater)	•
Engine mode (eco, power smart, power)	•
Engine fuel priming pump	•
Fuel / water separator with water-in-fuel indicator	•
Steel fuel tank	•
Fuel fill strainer	•
DEF fill strainer	•
Engine air pre-cleaner	•
Centrifugal air pre-cleaner	□
Radiator, wide core, stacked	•
Regulated, hydraulic driven, auto reversable fan	•
Fan guard	•
Fuel warmer (integrated in fuel filter)	•
Hyundai long life coolant	•
Coolant level sight gauge	•
Engine oil level dipstick gauge	•
Engine enclosure, lockable	•
<b>CLEAN EMISSION MODULE</b>	
DOC, DPF and SCR, no EGR	•
<b>POWER TRAIN</b>	<b>STD/OPT</b>
<b>TRANSMISSION</b>	
Transmission: computer controlled, electronic soft shift, auto-shift modes, clutch cut-off modes, kick-down features included	•
Torque converter	•
Transmission F5 / R3 with lock-up clutch	•
Transmission oil level sight gauge	•
Transmission oil cooler with thermostat	•
Axle cooling system (front and rear)	•
Travel speed limiter (20-40 km/h adjustable)	•
<b>FRONT AXLE</b>	
Heavy duty axle & hydraulic lock differential	•
<b>REAR AXLE</b>	
Heavy duty axle & open differential	•
<b>BRAKING SYSTEM</b>	
Dual brake circuit	•
Service brake (fully enclosed multi-plate wet disc)	•
Wheel speed brake	•
Parking brake (calliper on transmission output shaft, spring applied, pressure released)	•
<b>TYRES</b>	
875/65 R29, Triangle TB598 ★★, L3	•
295 R25, Triangle TB516 ★★, L3	□

HYDRAULIC SYSTEM	STD/OPT
MCV 2 circuits (boom, bucket)	•
MCV 3 circuits (boom, bucket, aux)	□
Boom float position	•
Boom holding valve	•
EH Control (joystick), RH armrest mounted	•
EH Control (fingertip), RH armrest mounted	□
EH steering joystick, LH armrest mounted	□
Boom kick-out, automatic, lower and upper position	•
Bucket positioner, automatic	•
Soft end stop (cylinder end stroke dampening)	•
Aux circuit flow setting (15 steps)	□
Fine control	•
Bucket over boom priority (selectable)	•
Ride control system	•
Extra piping for auxiliary function	□
Quick coupler piping	□
Hydraulic oil cooler	•
Hydraulic oil level sight gauge	•
Hyundai long life hydraulic oil ISO VG46	•
Hyundai long life hydraulic oil ISO VG32	□
Hyundai bio hydraulic oil (HBHO)	□
<b>OTHER</b>	<b>STD/OPT</b>
<b>ATTACHMENT</b>	
Loader linkage, sealed	•
Z-bar std lift frame	•
6.5m <sup>3</sup> bucket, cutting edge, bolt-on type	□
70m <sup>3</sup> bucket, cutting edge, bolt-on type	□
70m <sup>3</sup> bucket, tooth & segments, bolt-on type	□
<b>OTHER</b>	
Standard counterweight (2600kg)	•
Heavy counterweight (3500kg)	□
Drawbar with pin	•
Lift and tie-down eyes	•
Vandalism protection cap locks	•
Customized paint	□
<b>ACCESSIBILITY</b>	
Handrails (left, right)	•
Ladders (left, right)	•
Platforms (left, right, front frame)	•
Steps (left, right, front frame, engine)	•
Door and cabin locks, one key system	•
Doors, service access (locking)	•
Doors, service access (remote control)	•
<b>SERVICE &amp; MAINTENANCE</b>	
Ground level access refilling (fuel + DEF)	•
Ground level access lubrication points	•
1 piece, electrical opening engine hood	•
Swing-out cooler (AC, hydraulic oil)	•
Grouped filters	•
Remote fluid drain ports	•
Tool box, lockable	•
Air compressor (gun inside cabin)	□
Diagnostic pressure taps	•
Auto grease system	□
<b>GUARDS</b>	
Fenders (front / rear)	•
Mud guard rear	•
Transmission	•
Cabin guard (front / rear)	□

# HL985A STANDARD/OPTIONAL EQUIPMENT

SAFETY	STD/OPT
Emergency engine shut-off switch	•
Emergency steering	•
Rear view camera (on main monitor)	•
AAVM (AVM + IMOD)	□
Second monitor (rear camera, AAVM, radar)	□
Radar	□
Back-up alarm	•
Horn, electric	•
Articulation locking bar	•
Wheel chocks	•
<b>SAFETY</b>	<b>STD/OPT</b>
Hi MATE (mobile communication, 5y subscription)	•
ECD (Engine Connected Diagnostics)	•

- Standard
- Optional
- Not available

\* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.  
 \* The photos may include attachments and optional equipment that are not available in your area.  
 \* Materials and specifications are subject to change without advance notice.



# HYUNDAI



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