HW270AMH

MATERIAL HANDLER



Gross Power	Max Bucket Pin Height	Maximum Working Reach
141 kW (189 hp) at 1900 rpm	**13830 mm**	**12410 mm**

building a comfortable tomorrow

HYUNDAI

THE NEW HW270A MH

Whether working in a waste environment, scrap metal or in a port loading and unloading operation, the HW270A MH has been specifically built for all materials handling operations. It delivers increased operator awareness and protection with precise control from a commanding driving position. With a driveline that has been engineered for performance including a six-cylinder Stage V diesel engine, the 28-tonne HW270A MH provides new levels of comfort, efficiency and productivity.

GREATER PERFORMANCE

From its fuel-efficient engine to its intelligent control technologies, the HW270A MH wheeled excavator is engineered for outstanding productivity. Multiple power modes help operators match performance to the task at hand, while the wider stabilizers provide a larger footprint for enhanced stability and confidence on the job.

EU Stage V Certified Engine

Designed to deliver superior performance and fuel efficiency, the HD CE DL06 diesel engine complies fully with the latest Stage V emission regulations. To optimize machine performance, the engine uses high-pressure fuel injectors, air-to-air intercooler, and electronic engine controls. 4-Cycle Water-Cooled, Wastegate Turbocharged, Diesel Oxidation Catalyst (DOC), Selective Catalytic Reduction(SCR), and Diesel Particulate Filter (DPF).

Variable pressure turbocharger

A Variable Pressure Turbocharger optimises airflow to the engine to deliver responsive performance and improve fuel efficiency across varying loads and operating conditions.

Hydraulic system

An electronically controlled twin-pump hydraulic system works with the engine control to provide maximum economy and performance.

Selectable power modes

Selectable power modes manage the balance between power and economy to match the application, from Power+ mode for demanding lifts to Economy mode for improved fuel efficiency.

More attachments

The HW270A MH can be used with a range of attachments for increased versatility, from orange peel grapples to clamshell buckets.



2.6 meter high rise cabin,provides increased visibility for improved productivity and safety.

Stable undercarriage

The HW270A MH has a wider and longer undercarriage than a wheeled excavator, with outriggers at both ends to maximise stability when working at reach, increasing confidence, performance and productivity.

One touch Power boost +

Maximise productivity during loading operations with the highest work speeds, helping operators move more material in less time when loading trucks, railcars and containers.

High swing torque

Increased productivity is ensured with swing speed optimised for all handling operations. An axial piston motor drives a two-stage planetary reduction gear swing motor, delivering maximum torque and faster slew times.

Straight & Gooseneck arm

Available with a choice of straight or gooseneck arms, the handler offers a maximum working reach of up to 12.41m with a maximum bucket pin height of 13.83m (Long gooseneck arm).

Greater lifting options

Hyundai material handlers are designed to maximise lifting capability and complete jobs faster. A selection of front configurations allow you to pick the perfect specification for your jobsite.

Standard reversible cooling fan

The cooling fan contributes to improved fuel efficiency, maximising uptime in dusty conditions.

GREATER COMFORT

The HW270A MH is engineered with operator comfort and efficiency at its core. Frequently used electronic controls are conveniently positioned for intuitive operation, while Hyundai's advanced infotainment system combines smart functionality with a comfortable working environment to maximize productivity.



Greater visibility

Large windows, slim pillars and an overhead window provide good visibility all around the machine and a rear-view camera is standard.

Designed to match the job

The operator can select individual machine preferences to suit the working application via a 7" colour monitor and toggle switch.

Standard rear-view camera

Improves rear visibility for safer and more confident operation on site.





Quiet operation

A low noise operator's cab, both inside and out, has been achieved through sound insulation and compartmentalised components.

Improved cabin

The spacious ROPS/FOPS cab is designed for maximum comfort and control, featuring a premium reclining seat with lumbar support and heating options. Large windows provide excellent visibility, helping operators stay productive throughout the working day.

Automatic climate control

A heated and air-conditioned cab with high-capacity vents keeps operators comfortable at all times. A memory function restores previous settings.

Cab suspension

A smoother ride, greater comfort and less fatigue throughout the working day are ensured thanks to the cab suspension system, with vibrations from rough terrain or machine movements significantly reduced.

LED Lights

Four front and two rear LED lights help to improve visibility during darker working hours.

A heated and ventilated seat and full climate control provide a comfortable working environment for the operator.

365 DAYS COMFORT

GREATER SAFETY

At Hyundai, safety is more than a requirement, it is a core design principle. Every machine is engineered to help safeguard operators, co-workers, bystanders, surrounding infrastructure and equipment, while continuously setting higher standards for protection on the jobsite.

TECHNOLOGY TO KEEP YOU **SAFE**

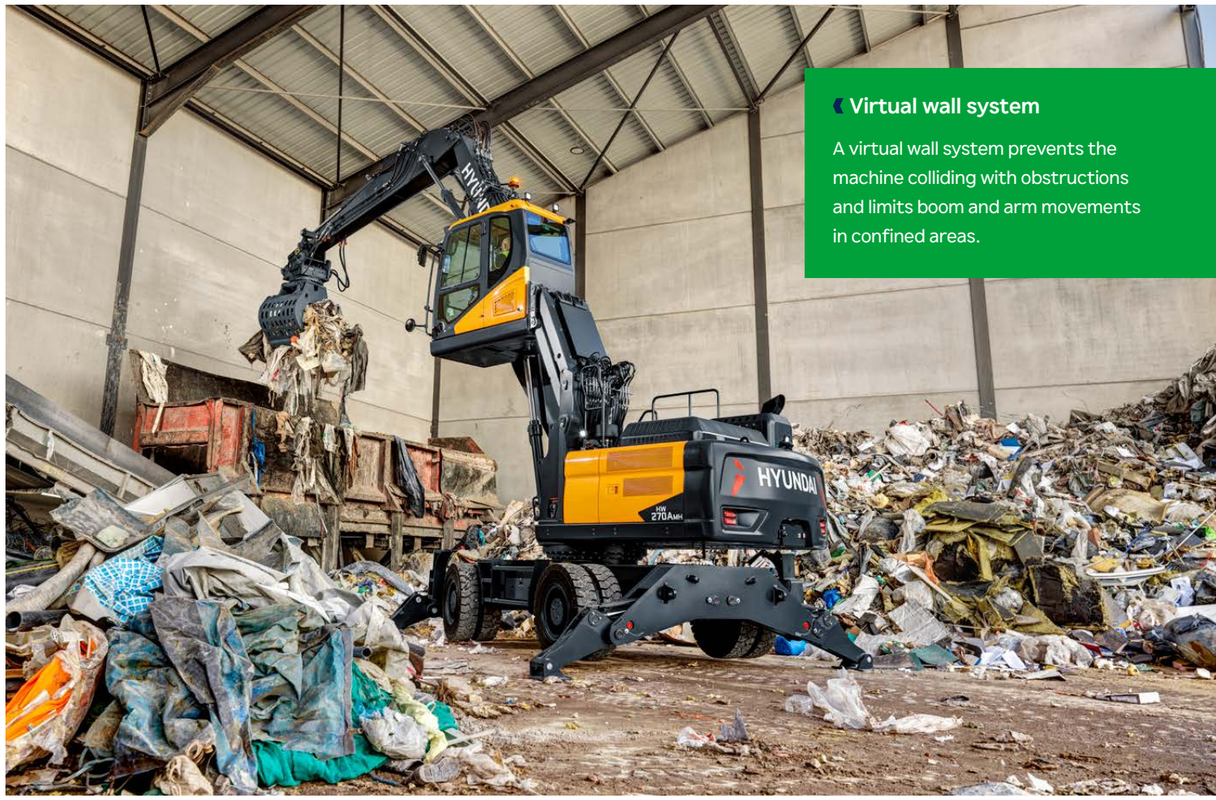


Emergency cab descent

An Emergency Cab Descent system with internal and external controls allows safe evacuation in the event of a loss of engine power.

Visibly safer

A safe and spacious ROPS/FOPS cab features a reclining operator's seat with lumbar support, while large windows and a rear-view camera provide excellent all-round visibility for peace of mind working.



Virtual wall system

A virtual wall system prevents the machine colliding with obstructions and limits boom and arm movements in confined areas.

Better weight balance

Four outriggers and solid rubber tyres as standard provide excellent ground stability during lifting operations or when travelling.

Overload warning system

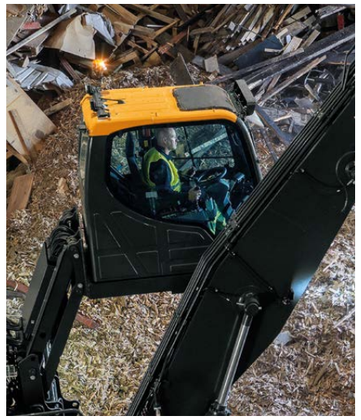
Monitors check load capacity in real time and alert operators to potential overloads. This prevents machine tipping and ensures safe operation.

AVM camera system

A standard Around View Monitoring system (AVM), provides excellent visibility around the machine, boosting site safety and preventing collisions.

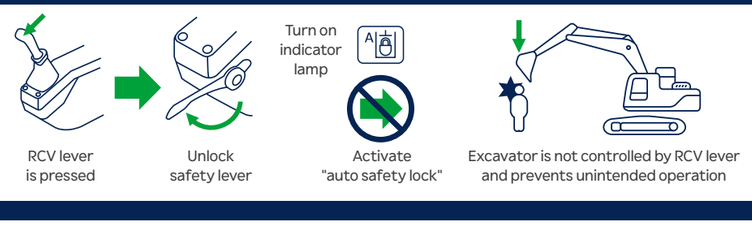
Emergency stop switch

An instant shutdown option provides a fast response in critical situations, preventing accidents and protecting operators.



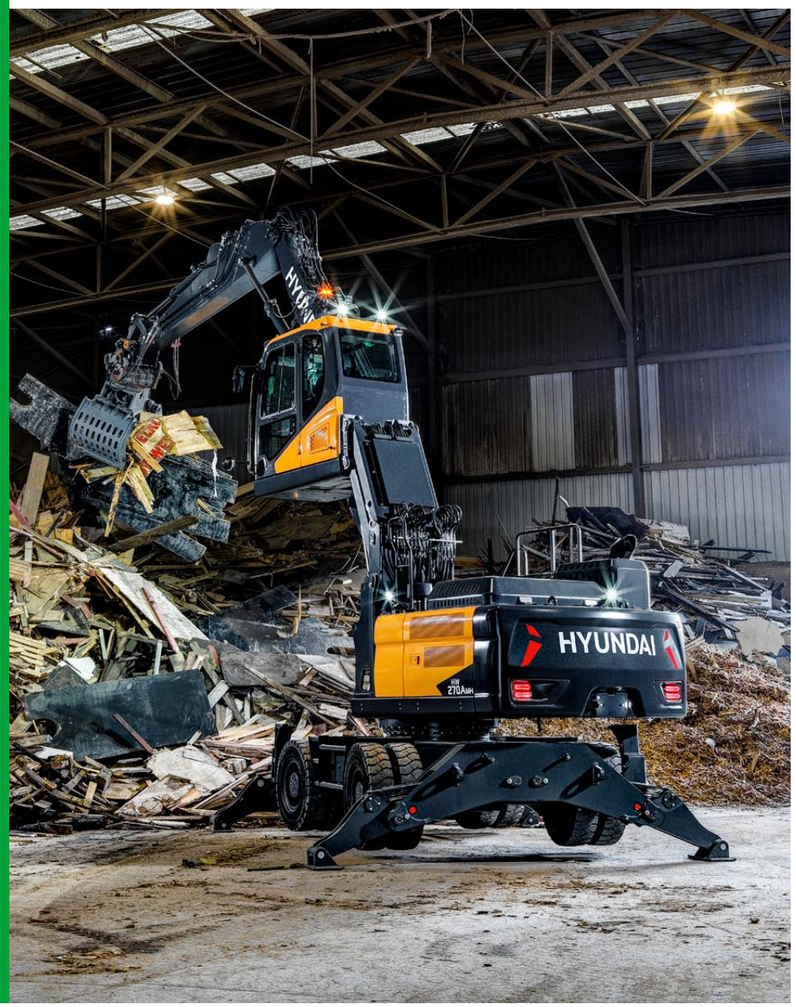
Activate Auto Safety Check

The Auto Safety Lock prevents unintended operation due to the excavator not being controlled solely by the RCV lever.



GREATER DURABILITY

Engineered for lasting performance, the HW270A MH features a robust design, reinforced structures and durable wear components that help maximise uptime, reliability and machine longevity in demanding material-handling applications.



Robust design

A rigid, welded frame enhances strength, while hydraulic line routing and rear differential protection add confidence. Heavy-duty axles and an oscillating axle lock improve performance when digging and lifting.

Cleaner power

The HW270A MH features the latest Stage V Hyundai engine, delivering low emissions and meeting current compliance standards.



Increased fuel efficiency

The Auto Shutdown feature allows operators to set idle time from 3 to 60 minutes before the machine shuts down, saving fuel and boosting efficiency.

Tougher underneath

a thicker cover reinforces underside durability while also enhancing machine stability.

Advanced pin & bushing technology

The boom pivot's lifespan has been extended with highly lubricated metal and lengthened greasing intervals. Enhanced Macrosurface (EM) bushings optimise greasing and debris removal, while ultra-hard wear resistant discs and polymer shims improve durability

Built to last

The HW270A MH has been built with thicker materials, reinforced bars and a lift optimised profile to enhance reliability and longevity.

Heavy duty axles

Tough axles start from the front offering wide oscillation and steering angles, while the transmission is mounted on the rear axle for better protection and ground clearance.



INCREASED UPTIME

Reliable components

All main machine components are sourced from the best manufacturers, for a longer life and to avoid costly downtime.

GREATER SERVICEABILITY

The HW270A MH is designed with quick, low-effort servicing in mind. Every component and material has been optimised to ensure a long, trouble-free life. Hyundai's innovative Hi MATE telematics system enables full monitoring of machine activity and performance. Maximum connectivity is integrated to help owners create a smart construction site and protect profitability as their business grows.

Long warranty

Our standard warranty is 2 years or 3000 hours, offering greater peace of mind for your investment.

Self-diagnostics

The 7" colour LCD monitor helps keep you informed about critical systems in real time and let you access historical machine alerts.

Easy access for maintenance

There is easy access to service and maintenance points from the top, sides and bottom of the upper structure, reducing downtime for customers.

Easy access to all service and maintenance points help to reduce downtime, including filters located near the engine.

Easy daily greasing

Centralised greasing points on the arm and boom make daily maintenance quick and straightforward. Easier access means less time spent on routine servicing and more time keeping the HW270A MH productive.





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.

Mobile fleet app

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

PROCARE. MORE CARE FOR YOU AND YOUR MACHINE.

ProCare, Hyundai's tailored maintenance packages work proactively via Hi-MATE by automatically delivering service kits directly to dealers before any service is due. This gives you peace of mind knowing that your machine will be serviced on time, with genuine parts and with no extra costs or inflationary increases.

TAILORED MAINTENANCE PACKAGES

MainCare

Stay ahead on service with Hyundai MainCare

MainCare keeps you ahead of maintenance with predictable costs and zero hassle: lock in your filter pricing for up to 4 years or 5,000 hours for smooth, surprise-free running; get oil sampling at 1,000 hours to catch issues early and extend component life; rely on your dealer to contact you when service is due – no chasing, no delays; count on filters being in stock when you need them; and choose the setup that suits you.

- Lock in your filter costs for up to 4 years or 5,000 hours – no surprises, just smooth running.
- Oil sampling at 1,000 hours helps catch issues early and extend component life.
- Your dealer contacts you when service is due – no chasing, no delays.
- Filters always in stock – ready when you are.
- You choose: service it yourself or let your dealer handle it.

FullCare

Complete coverage and confidence with Hyundai FullCare

Building on everything you get with MainCare, Hyundai FullCare adds up to 4 years of extended warranty at a discounted price – giving you total peace of mind. Enjoy fixed filter costs, proactive service reminders, expert oil sampling reports, and guaranteed parts availability. It's the all-in-one plan for complete protection and worry-free operation.

Everything you get with Maincare, plus up to 4 years extended warranty at discounted price – for complete coverage and confidence.

- Fixed filter costs.
- Proactive service reminders.
- Oil sampling with expert reports.
- Guaranteed parts availability.
- Extended warranty up to 4 years

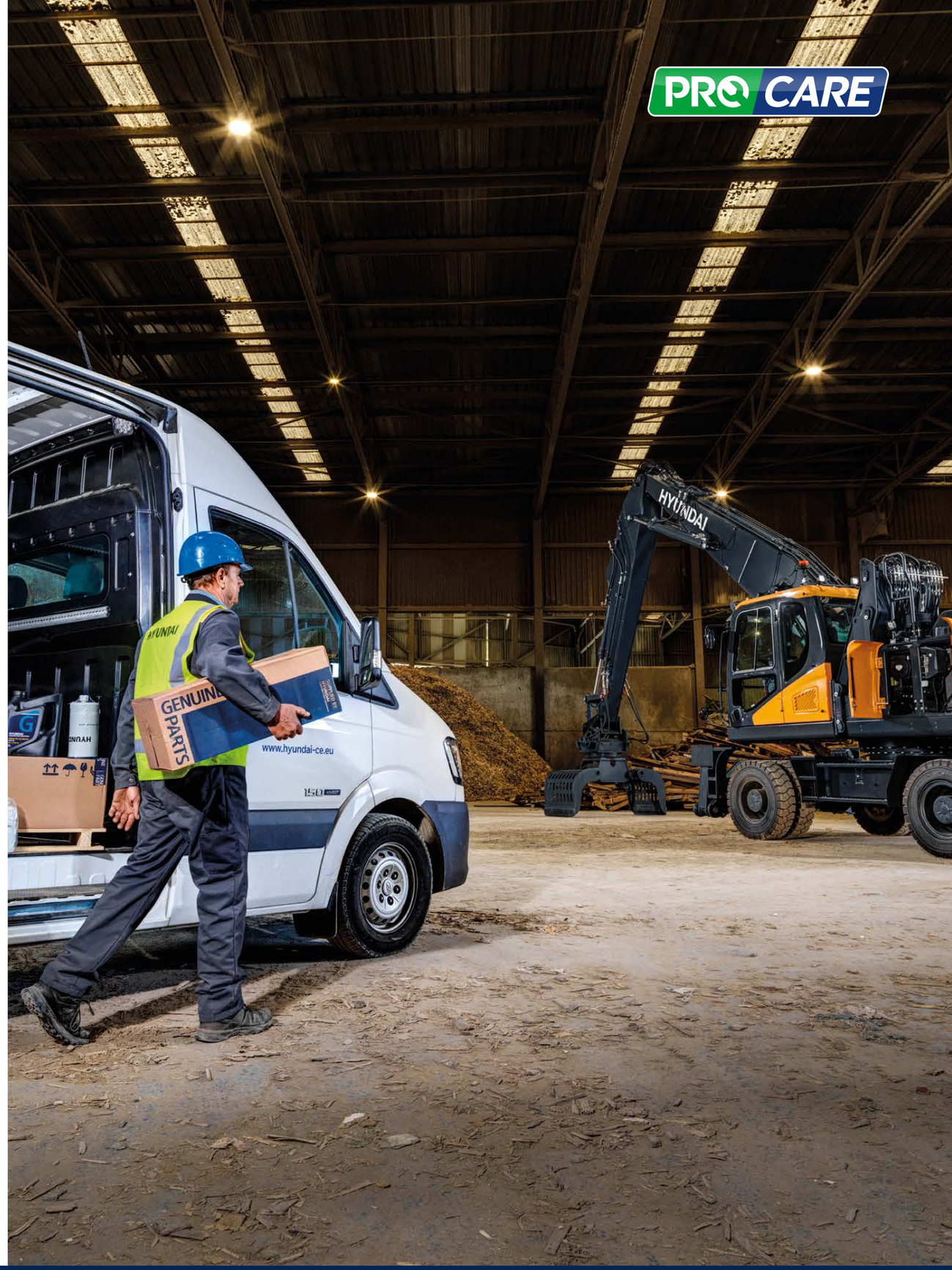
KEY BENEFITS

Automatically delivered filter kits

Oil sampling every 1,000 hours

Fixed prices invoiced upfront

Uptime Centre and dealer support



HW270A MH

SPECIFICATIONS

SPECIFICATIONS		HW270A MH
ENGINE		
Maker / model		Hyundai/DL06V
Type		6 cylinder, turbocharged, 4-cycle water cooled, common rail direct injection, electronic controlled diesel engine.
Gross power		141 kW (189 hp) at 1900 rpm
Net power		128.5 kW (172.3 hp) at 1900 rpm
Max. power		145 kW (195 hp) at 2200 rpm
Peak torque		804 Nm at 1400 rpm
Displacement		5890 cm^3

HYDRAULIC SYSTEM	
e-EPOS - Electronic Power Optimizing System	
MAIN PUMP	
Type	Piston pumps
Max. flow	2 x 236 lpm
Sub-pump for pilot circuit	Gear pump

HYDRAULIC MOTORS		
Travel		Two speed axial piston motor with brake valve and parking brake
Swing		Axial piston motor with automatic brake
RELIEF VALVE SETTING		
Implement circuits		350 bar
Travel		370 bar
Power boost (boom, arm, bucket)		370 bar
Steering gear pump		180 bar
Pilot circuit		40 bar
Service valve		Installed
HYDRAULIC CYLINDERS		
No. of cylinder bore × stroke	Arm:	2 x 120 x 95 x 1290 mm
	Outrigger:	4 x 130 x 80 x 391 mm
	Boom:	2 x 130 x 90 x 1210 mm

DRIVES & BRAKES	
2-speed powershift transmission with creep speed	
Max. drawbar pull	12000 kgf
Travel speed creep / low / high	4 / 9/ 19 km/h
Gradeability	70% (35 degrees)
Service brake : - Independent dual brake, front and rear axle full hydraulic power brake - Spring released and hydraulic applied wet type multiple disc brake. Parking brake : - Spring applied and hydraulic released wet disc brake type in transmission.	

CONTROLS	
Pilot control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket (ISO)
	FNR switch on RH joystick / Ram lock switch on LH joystick
Attachment control	3 modes available: Push / Proportional / Permanent
Engine throttle	Electric, Dial type
Operation Mode	3 modes available: P-Parking W-Working T-Travel

SPECIFICATIONS		HW270A MH
AXLE & WHEELS		
Full floating front axle is supported by center pin for oscillation. Oscillation lock (ram lock) function for safe operation. Rear axle is fixed on the lower chassis.		
Solid tyres		10.00-20

STEERING SYSTEM	
Hydraulically actuated, orbitrol type steering system actuates on front wheels through steering cylinders.	
Min. turning radius	7850 mm

SWING SYSTEM	
Swing motor	Fixed displacement radial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	8.2 rpm

COOLANT & LUBRICANT CAPACITY		liter
Fuel tank		345
Engine coolant		29.9
Engine oil		27
Swing device - gear oil		5
Axle	Front	11 + 2x 2.5
	Rear	14.5 + 2x 2.5
Transmission		2.5
Hydraulic system (including tank)		290
Hydraulic tank		124
DEF/AdBlue®		31.5

UNDERCARRIAGE	
Reinforced box-section frame is all-welded, low-stress.	
Front and rear outriggers	Provide maximum operation stability when lifting.

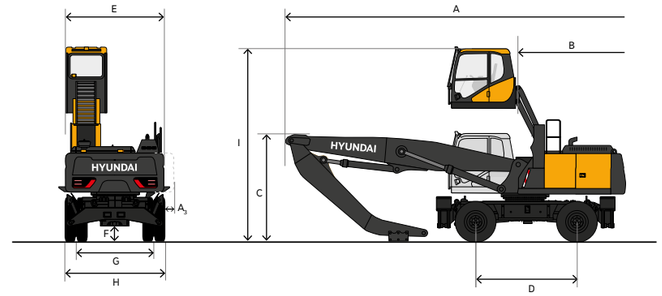
OPERATING WEIGHT	
Weight without attachment, front and rear outrigger, Elevating Cabin	
OPERATING WEIGHT	
Gooseneck boom	28100 kg
Straight boom	28300 kg

AIR CONDITIONING SYSTEM
The air conditioning system contains fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.65 kg of refrigerant representing a CO_2 equivalent of 0.9295 metric tonnes.

HW270A MH

DIMENSIONS & WORKING RANGE

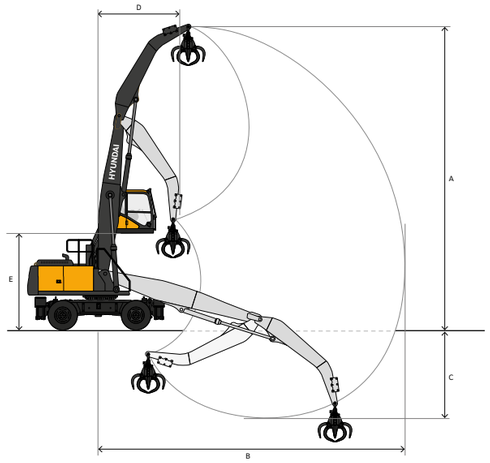
DIMENSIONS



Unit : mm

		Straight arm	Gooseneck arm	Long gooseneck arm
	Boom length	6.6	6.6	7.1
	Arm length	4.5	5	5.4
A	**Shipping length**	9.676	9.716	10.167
B	**Tail swing radius**	2.855	2.855	2.855
C	**Shipping height (boom+hoses)**	3.21	2.895	3.295
D	**Wheelbase**	2.85	2.85	2.85
E	**Upper housing width**	2.495	2.495	2.495
F	**Ground clearance**	335	335	335
G	**Tread width**	2.114	2.114	2.114
H	**Shipping width**	2.74	2.74	2.74
I	**Height over cab**	5.853	5.853	5.853

WORKING RANGE



Unit : mm

		Straight arm	Gooseneck arm	Long gooseneck arm
	Boom length	6.6	6.6	7.1
	Arm length	4.5	5	5.4
A	**Max. bucket pin height**	12.775	12.955	13.83
B	**Max. working reach**	11.155	11.525	12.41
C	**Max. working depth**	4.27	4.83	5.355
E	**Elevating height**	2.603	2.603	2.603

HW270A MH

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HW270A MH STAIGHT ARM

Boom 6.6 m, Straight arm 4.5 m, Counterweight 4.8 t, W/O bucket, Stabilizers down

Lift-point height m		Lift-point radius												At max. Reach		
		3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		Capacity		Reach
																m
12.0m	kg			7600*	7600*									7240*	7240*	4.58
10.5m	kg			8360*	8360*	7380*	7380*							5220*	5220*	7.05
9.0m	kg					6950*	6950*	6350*	6350*					4470*	4470*	8.59
7.5m	kg					6980*	6980*	6270*	6270*	5720*	5010			4090*	4090*	9.64
6.0m	kg			8680*	8680*	7360*	7360*	6430*	6430*	5730*	4990			3890*	3890*	10.38
4.5m	kg	12400*	12400*	10010*	10010*	8010*	8010*	6740*	6550	5840*	4910	5040*	3820	3810*	3600	10.85
3.0m	kg			11610*	11610*	8730*	8730*	7080*	6330	5950*	480	5000*	3770	3810*	3450	11.10
1.5m	kg			12630*	12630*	9240*	8520	7290*	6110	5970*	4680	4850*	3720	3900*	3410	11.15
0m	kg			10120*	10120*	9230*	8220	7220*	5940	5780*	4580	4470*	3690	3790*	3470	10.98
-1.5m	kg	5080*	5080*	10130*	10130*	8600*	8060	6730*	5840	5260*	4530	3540*	3540*	3300*	3300*	10.60
-3.0m	kg			9170*	9170*	7300*	7300*	5700*	5700*	4180*	4180*			3280*	3280*	9.68

HW270A MH STAIGHT ARM

Boom 6.6 m, Straight arm 4.5 m, Counterweight 4.8 t, W/O bucket, Stabilizers up

Lift-point height m		Lift-point radius												At max. Reach		
		3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		Capacity		Reach
																m
12.0m	kg			7600*	7600*									7240*	7240*	4.58
10.5m	kg			8360*	8360*	7380*	5530							5220*	4100	7.05
9.0m	kg					6950*	5690	5330	3890					4140	2970	8.59
7.5m	kg					6980*	5670	5360	3920	3920	2810			3420	2420	9.64
6.0m	kg			8680*	8670	7360*	5500	5270	3840	3900	2800			3010	2100	10.38
4.5m	kg	12400*	12400*	10010*	8110	7240	5220	5110	3680	3820	2730	2950	2060	2770	1920	10.85
3.0m	kg			10590	7330	6840	4850	4900	3480	3710	2620	2910	2020	2650	1820	11.10
1.5m	kg			9790	6620	6460	4490	4690	3290	3600	2510	2860	1970	2610	1790	11.15
0m	kg			9330	6200	6180	4240	4530	3140	3510	2430	2830	1940	2660	1830	10.98
-1.5m	kg	5080*	5080*	9170	6060	6040	4110	4440	3050	3460	2380	2840	1950	2810	1930	10.60
-3.0m	kg			9170*	6090	6020	4090	4430	3040	3480	2400			3180	220	9.68

1. Lifting capacity based on ISO 10567.
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. (*) indicates load limited by hydraulic capacity.

HW270A MH

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HW270A MH GOOSENECK ARM

Boom 6.6, Gooseneck arm 5.0 m, Counterweight 4.8 t, W/O bucket, Stabilizers down

Lift-point height m		Lift-point radius												At max Reach		
		30m		45m		60m		75m		90m		105m		Capacity		Reach
																m
120m	kg			7230*	7230*									5210*	5210*	5.44
105m	kg					6900*	6900*	4600*	4600*					4170*	4170*	7.63
90m	kg					6540*	6540*	6070*	6070*	3960*	3960*			3710*	3710*	9.07
75m	kg					6580*	6580*	6040*	6040*	5580*	5180			3480*	3480*	10.07
60m	kg					6970*	6970*	6230*	6230*	5630*	5140	4530*	3990	3370*	3370*	10.77
45m	kg			9290*	9290*	7670*	7670*	6580*	6580*	5780*	5040	5120*	3950	3350*	3350*	11.23
30m	kg	16550*	16550*	11050*	11050*	8500*	8500*	6990*	6480	5960*	4920	5130*	3890	3390*	3390	11.48
15m	kg	5810*	5810*	12480*	12480*	9180*	8720	7310*	6260	6060*	4790	5070*	3820	3510*	3340	11.52
0m	kg	4990*	4990*	12820*	12820*	9420*	8390	7390*	6070	5990*	4680	4840*	3770	3710*	3390	11.36
-15m	kg	5900*	5900*	11240*	11240*	9040*	8200	7080*	5950	5630*	4620	4290*	3750	3680*	3540	10.99
-30m	kg	7050*	7050*	10310*	10310*	8010*	8010*	6280*	5900	4830*	4600			3190*	3190*	10.38
-45m	kg					6240*	6240*	4820*	4820*					4000*	4000*	8.34

HW270A MH GOOSENECK ARM

Boom 6.6, Gooseneck arm 5.0 m, Counterweight 4.8 t, W/O bucket, Stabilizers up

Lift-point height m		Lift-point radius												At max. Reach		
		3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		Capacity		Reach
																m
13.5m	kg			7230*	7230*									5210*	5210*	5.44
12.0m	kg					6900*	5790	4600*	3960					4170*	3830	7.63
10.5m	kg					6540*	5880	5530	4090	3960*	2940			3710*	2890	9.07
9.0m	kg					6580*	5850	5530	4080	4090	2990			3340	2400	10.07
7.5m	kg					6970*	5690	5430	3990	4050	2950	3120	2230	2970	2110	10.77
6.0m	kg			9290*	8400	7430	5410	5260	3830	3960	2860	3090	2200	2750	1940	11.23
4.5m	kg	16550*	14210	10950	7670	7040	5050	5050	3640	3840	2750	3030	2140	2630	1840	11.48
3.0m	kg	5810*	5810*	10130	6940	6650	4690	4840	3430	3720	2630	2960	2080	2580	1800	11.52
1.5m	kg	4990*	4990*	9590	6450	6350	4410	4660	3260	3620	2530	2910	2030	2610	1820	11.36
0m	kg	5900*	5900*	9350	6240	6170	4240	4540	3160	3550	2470	2890	2010	2730	1900	10.99
-1.5m	kg	7050*	7050*	9310	6210	6110	4190	4500	3120	3540	2460			2960	2070	10.38
-3.0m	kg					6160	4230	4540	3150					3950	2750	8.34
-4.5m	kg			80700*	6290	6180	4210	4540	3130	3570	2470			31200*	2180	9.96

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3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. (*) indicates load limited by hydraulic capacity.

HW270A MH

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HW270A MH GOOSENECK ARM

Boom 7.1 m, Gooseneck arm 5.04 m, Counterweight 5.2 t, W/O bucket, Stabilizers down

Lift-point height m		Lift-point radius														At max. Reach		
		3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12m		Capacity		Reach
																		m
13.5m	kg															5930*	5930*	4.20
12.0m	kg					6410*	6410*									4210*	4210*	7.15
10.5m	kg					6300*	6300*	5820*	5820*							3610*	3610*	8.93
9.0m	kg					6120*	6120*	5640*	5640*	5260*	5260*					3310*	3310*	10.17
7.5m	kg					6260*	6260*	5700*	5700*	5240*	5240*	4840*	4170			3140*	3140*	11.08
6.0m	kg					6720*	6720*	5950*	5950*	5350*	5330	4850*	4140			3060*	3060*	11.72
4.5m	kg			9130*	9130*	7450*	7450*	6340*	6340*	5540*	5200	4910*	4080	3670*	3280	3050*	3050*	12.14
3.0m	kg	16530*	16530*	10880*	10880*	8280*	8280*	6770*	6650	5750*	5050	4980*	3990	4260*	3240	3090*	3090*	12.37
1.5m	kg	4370*	4370*	12240*	12240*	8960*	8890	7110*	6390	5900*	4890	4990*	3900	4130*	3200	3180*	3050	12.40
0m	kg	4070*	4070*	10250*	10250*	9210*	8520	7220*	6170	5890*	4760	4870*	3830	3840*	3170	3350*	3080	12.26
-1.5m	kg	4960*	4960*	8940*	8940*	8900*	8300	6990*	6020	5640*	4670	4530*	3780			3300*	3200	11.92
-3.0m	kg	6010*	6010*	9280*	9280*	8010*	8010*	6360*	5950	5050*	4630	3840*	3770			2890*	2890*	11.36
-4.5m	kg			8070*	8070*	6540*	6540*	5220*	5220*	3990*	3990*					3120*	3120*	9.96

HW270A MH GOOSENECK ARM

Boom 7.1 m, Gooseneck arm 5.04 m, Counterweight 5.2 t, W/O bucket, Stabilizers up

Lift-point height m		Lift-point radius														At max. Reach		
		3.0m		4.5m		6.0m		7.5m		9.0m		10.5m		12m		Capacity		Reach
																		m
13.5m	kg															5930*	5930*	4.20
12.0m	kg					6410*	5980									4210*	4210*	7.15
10.5m	kg					6300*	6180	5770	4280							3610*	3100	8.93
9.0m	kg					6120*	6120*	5640*	4340	4290	3160					3310*	2470	10.17
7.5m	kg					6260*	6140	5700*	4290	4280	3150	3280	2360			2960	2110	11.08
6.0m	kg					6720*	5930	5640	4160	4210	3080	3250	2340			2670	1880	11.72
4.5m	kg			9130*	8700	7450*	5600	5430	3970	4090	2960	3190	2280	2540	1780	2490	1730	12.14
3.0m	kg	16530*	14490	10880*	7870	7230	5190	5190	3740	3940	2830	3110	2200	2510	1740	2380	1650	12.37
1.5m	kg	4370*	4370*	10300	7040	6780	4780	4940	3500	3800	2680	3020	2120	2470	1700	2340	1610	12.40
0m	kg	4070*	4070*	9700	6500	6440	4450	4730	3310	3670	2560	2950	2050	2440	1680	2370	1630	12.26
-1.5m	kg	4960*	4960*	8940*	6260	6230	4260	4590	3170	3580	2480	2900	2000			2460	1690	11.92
-3.0m	kg	6010*	6010*	9280*	6210	6150	4190	4530	3110	3540	2440	2900	2000			2630	1820	11.36
-4.5m	kg			8070*	6290	6180	4210	4540	3130	3570	2470					3120*	2180	9.96

1. Lifting capacity based on ISO 10567.
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. (*) indicates load limited by hydraulic capacity.

HW270A MH

STANDARD/OPTIONAL EQUIPMENT

ENGINE	STD
Hyundai /DL06V	●

HYDRAULIC SYSTEM	STD
EPFC (Electronic Pump Flow Control)	
3-power modes, 3-work modes, user mode	●
Power Boost Function	●
Attachment flow control	●
Variable power control	●
3 attachment control modes (Push/Prop./Permanent)	●
Engine auto idling	●
Engine auto shutdown	●
Electronic fan control (hydraulic)	●

CABIN & INTERIOR	STD
ISO Standard cabin with raise function	
All-weather steel cab with 360°visibility	●
Parallel type windshield wiper	●
Radio / USB / MP3 player	●
Handsfree mobile phone system with USB	●
12 volt power outlet (24V DC to 12V DC converter)	●
Electric horn	●
Safety glass - tempered glass with front laminated glass	●
Sliding fold-in front window	●
Sliding side window (LH)	●
Lockable door	●
Hot & cool box	●
Storage compartment	●
Transparent cabin roof-cover	●
Sun visor	●
Door and cabin locks, one key	●
Smart key & start button	●
Pilot-operated proportional joysticks	●
Steering wheel with 3-way adjustable steering column	●
Cabin front window rain guard	●
Automatic climate control	
Air conditioner & heater	●
Defroster	●
Starting aid (air grid heater) for cold weather	●
Centralised monitoring	
8" LCD touchscreen display	●
10" Second monitor	●
Engine speed or trip meter/Accel.	●
Engine coolant temperature gauge	●
Max power	●
Low speed/high speed	●
Auto idle	●
Overload warning with alarm	●
Check engine	●
Air cleaner clogging	●
Indicators	●
ECO gauge	●
Fuel level gauge	●
Hyd. oil temperature gauge	●
Warnings	●
Communication error	●
Low battery	●
Clock	●
Seat	
Adjustable air suspension seat with heater	●
Cabin ROPS (ISO 12117-2)	
ROPS (Roll Over Protective Structure)	●
Cabin FOPS/FOG (ISO 10262) Level 2	
FOPS (Falling Object Protective Structure)	●
FOG (Falling Object Guard) Front & top guard	●

SAFETY	STD
Safety lock valve on boom cylinders with overload warning device	●
Safety lock valve on arm cylinder	●
Safety lock valve on dozer blade and ram lock cylinders	●
Rear and side view cameras	●
Four front working lights LED (2 boom mounted, 2 front frame mounted)	●
Rear work lamp LED	●
Rotating LED beacon	●
Travel alarm	●
Automatic swing brake	●
Joystick steering	●
Battery master switch	●
Wheel chock	●

ATTACHMENT	STD
6.5 m, Straight boom	●
4.0 m, Straight arm	●
4.5 m, Gooseneck arm	●

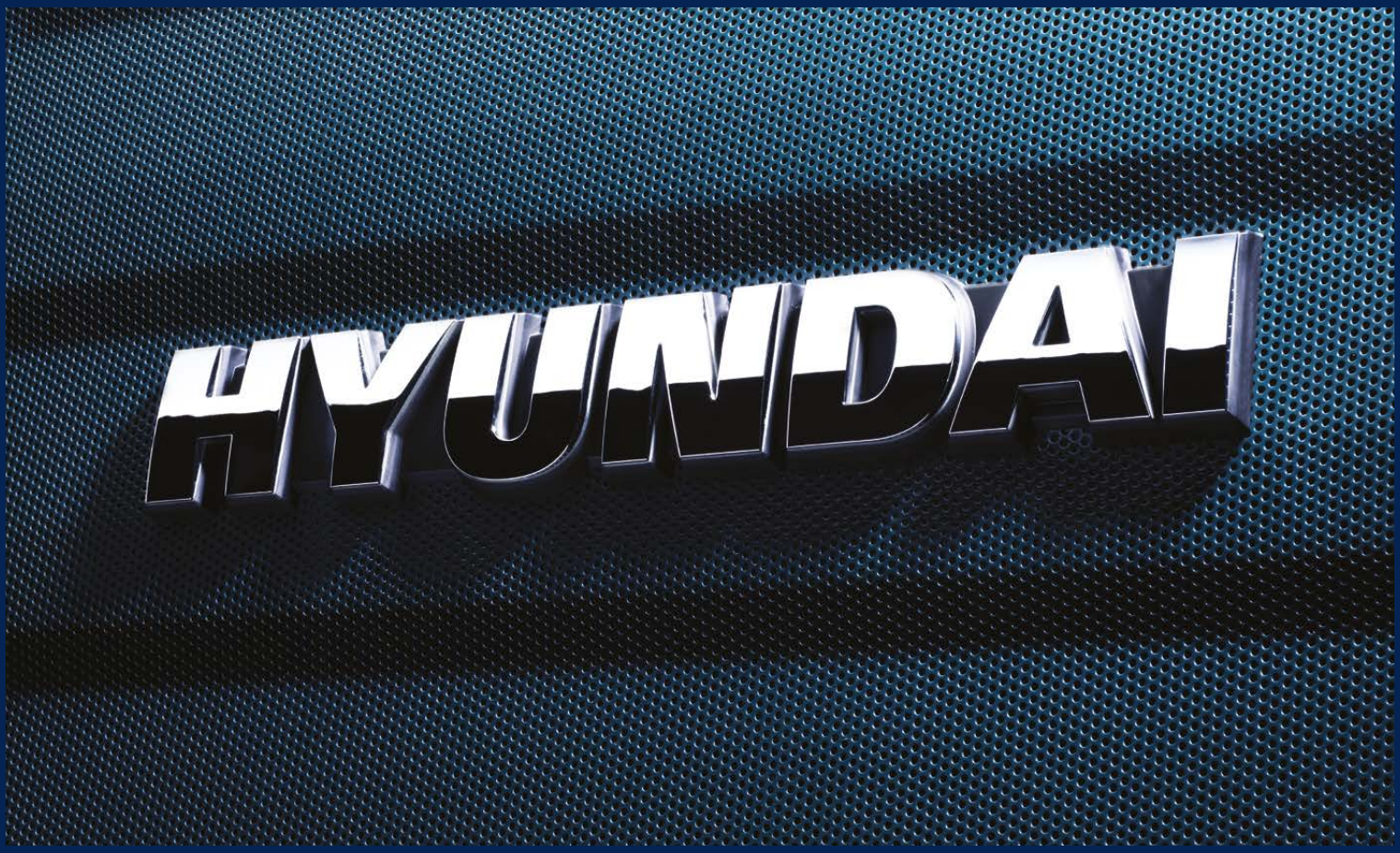
OTHER	STD
Cruise control	●
Speed Limiter	●
Creep speed travel mode	●
Heavy counterweight	●
Removable clean-out dust net for cooler	●
Fuel pre-filter	●
Self-diagnostics system	●
Hi MATE (Remote Management System) Mobile	●
Batteries (2 x 12V x 100 AH)	●
Fuel filler pump (35 lpm) with autostop	●
Single-acting piping kit (breaker, etc.)	●
Double-acting piping kit (clamshell, etc.)	●
Quick coupler piping	●
Accumulator for lowering work equipment	●
Lower frame toolbox - LH	●

UNDERCARRIAGE	STD
Front and rear outriggers	●
Tyres-dual (10.00-20 solid)	●
Steel fenders (Mudguards)	●
Wide axles (2.75m)	●

● Standard

* 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.


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270AMH



In Europe, Hyundai is operated and managed by:

Hyundai, Hyundailaan 4, 3980 Tessenderlo-Ham, Belgium
T +32 14 56 22 00 E info@hyundai.eu

www.hyundai-ce.eu VAT BE0454495082

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