

WHEEL LOADER

HL955A



READY TO CHANGE YOUR WORLD

The HL955A Wheel Loader is part of Hyundai's A-Series: a fresh generation of construction equipment that complies with the European stage V emission levels. But it does much more than that! While fulfilling regulatory demands, Hyundai aimed for a ground-breaking level of customer satisfaction with maximum performance and productivity, better safety, more convenience and improved uptime management.

Featuring impressive power matched with carefully selected technologies that help you to work more efficiently and economically, this rugged loader opens up a world of new possibilities. It's time to experience the Hyundai Effect!



ENTER A WORLD WHERE ANYTHING IS POSSIBLE



Productivity

- Load sensing hydraulic system
- Accurate weighing system
- Eco pedal (option)
- Eco Report
- Smart Power mode
- Hydraulic differential lock
- 5-speed transmission with lock-up clutch (option)
- Intelligent clutch cut-off (ICCO)
- Automatic engine shutdown

Durability/Safety

- Unified control valve
- Enhanced axle capacity
- AAVM camera system (option)
- Radar rear detection (option)
- IMOD (Intelligent Moving Object Detection) (option)
- Premium quality axles
- Axle cooling (option)
- Thermostat-based transmission cooling (option)
- Completely sealed engine room
- High grade hoses
- Foldable side mirror
- Seat belt warning alarm

Comfort

- Spacious soundproofed cabin
- Wide touchscreen monitor
- Ride control system
- Fully adjustable seat and armrest
- Remote door control (option)
- Soft end stop

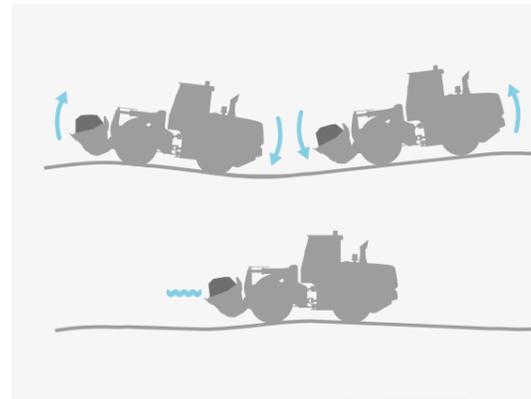
Serviceability

- ECD (Engine Connected Diagnostics)
- Fully openable engine hood
- Hi-MATE telematic system
- Easy filter replacement
- Auto greasing system (option)
- Wide core & fin radiator

PROTECT YOUR CO-WORKERS AND EQUIPMENT

Details can make a huge difference when it comes to safety, especially when you're working in rough conditions. It's not just a matter of complying with rules. The HL955A's safety features are designed and tested to meet your needs in the real world, even offering an extra pair of eyes with the optional Advanced-Around View Monitoring (AAVM), Intelligent Moving Object Detection (IMOD) and radar systems. Confidence is improved by technologies that provide a feeling of stability and smooth performance in high-load work. By helping to ensure a calm, accident-free worksite, this wheel loader adds to every operator's productivity and peace of mind.

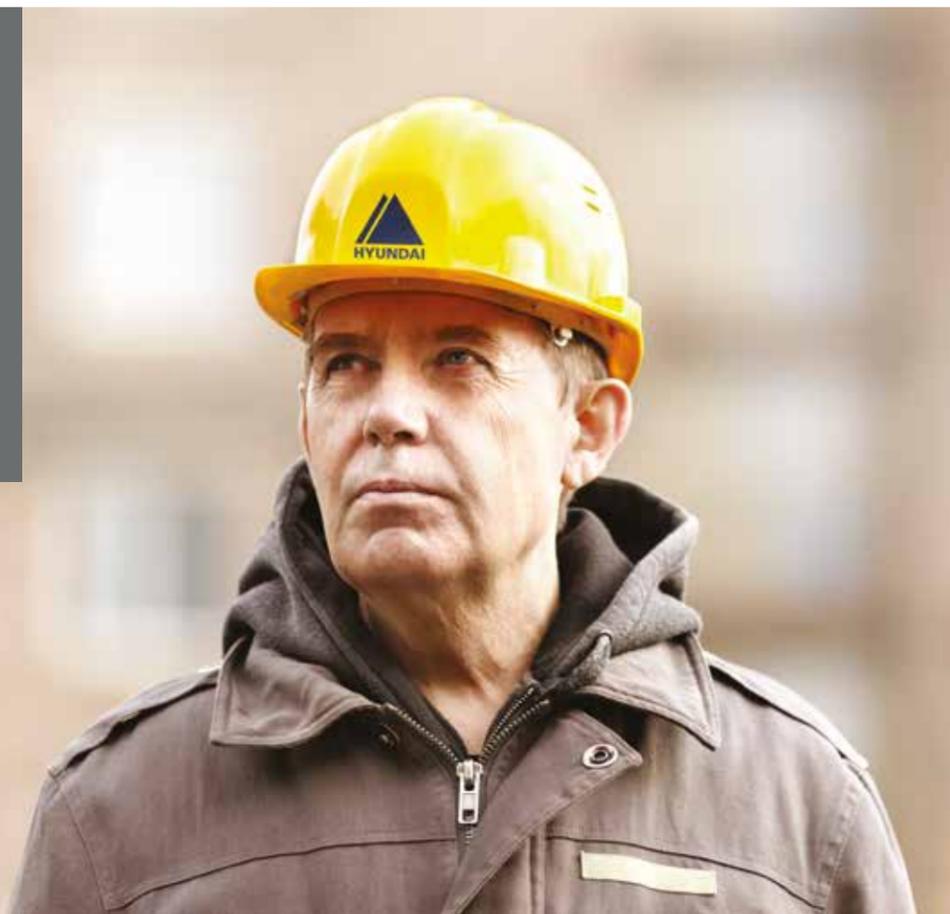
A **ride control system** with a piston accumulator reduces pitching of the wheel loader body and bucket for more stable and comfortable operation. It also minimises spillover, adding to convenience and productivity.



The **side mirror** is easy to adjust for optimal visibility and can be folded away to prevent damage during transportation.

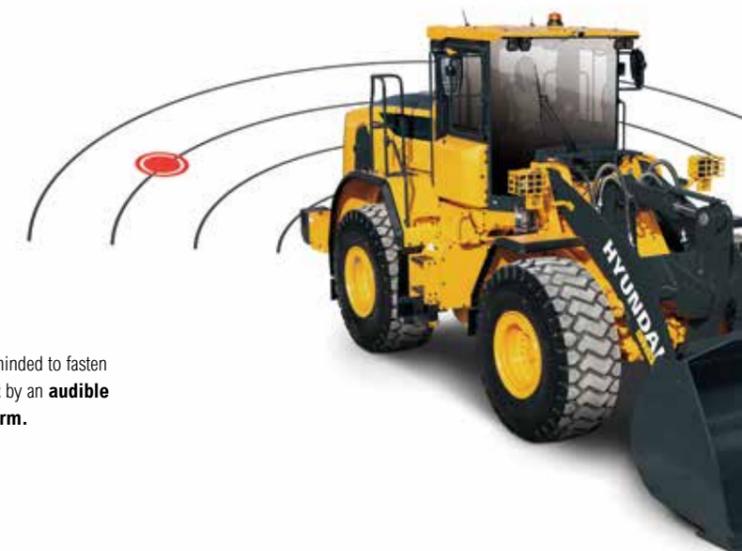
A **hydraulic locking differential** prevents tyre slip for more secure operation as well as better productivity and fuel economy.

"The HL955A looks tough but its strength comes along with very smooth, predictable performance. It gives me extra confidence and makes me feel safer in any conditions."



The optional **Advanced Around View Monitoring (AAVM)** system gives you a 360° overview of your immediate working environment. It also includes Intelligent Moving Object Detection (IMOD) technology that senses and warns you when people or objects come within five metres of the machine.

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.



Operators are reminded to fasten their **safety belt** by an **audible and visible alarm**.

HYUNDAI





The HL955A has a **large, fully adjustable seat and armrest** designed to help operators work longer and more productively. For added comfort, an air suspension seat is available as an option.

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

The **soft end stop** function reduces the hydraulic speed of the cylinder as it reaches the end of its stroke. This lessens the shock load of the stroke for increased operating comfort and better material retention. The soft end stop function can be switched on and off via the monitor.

A CABIN DESIGNED AROUND YOU

The HL955A cabin was designed as a productive, stress-free working environment that fits every operator perfectly. Pleasant and spacious, it features state-of-the-art noise and vibration reduction technology, achieving a sound level of only 67 dB, one of the lowest in this machine category. The high-quality adjustable seat and armrest ensure comfortable reach to all controls. A range of technologies enable easier machine monitoring and keep you entertained during your working day.

"The seat feels as if it was made for me and details like the new soft end stop feature make work less tiring and more enjoyable."



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

All the indicators displaying **machine status** are centralised in one cluster to enable easy, efficient control.



TAILORED TECHNOLOGIES TO BOOST YOUR PRODUCTIVITY

The HL955A is powered by a reliable Cummins B6.7 Stage V engine that easily handles heavy-duty work in extreme conditions. Its power is complemented by a range of technologies that enhance fuel efficiency while keeping harmful emissions to a minimum.

Precise operating systems help you to get the most out of this impressive machine, including optimised power matching for the ultimate

balance of torque and RPM. When operated in Smart Power mode, the engine delivers fuel savings of up to 5% along with smooth performance in high-load work. Hyundai's proprietary weighing system technology is integrated as standard. Additional control, monitoring and maintenance features help you to optimise performance and productivity every single day, on any worksite.



"Whether it's high-load digging, harsh weather conditions or a rough worksite... with this machine I'm ready for anything!"



Like all A-Series machines, the HL 955A features our **all-in-one exhaust aftertreatment system** which cuts emissions and operating costs while enhancing reliability and simplifying maintenance.



The highly accurate **automatic/manual cumulative weighing system** helps you to manage production more efficiently in any environment. For maximum precision, weighing error icons and a two-colour weight value indicator are displayed on the monitor.



The new **Smart Power mode** adjusts engine RPM in heavy load work like digging to save fuel without compromising on performance. The technology also achieves an optimal balance between traction and breakout forces.



The **engine shuts down automatically when the machine is at rest** to cut fuel consumption and prevent unnecessary emissions. Different operating modes and idling times can be selected according to the work environment, further enhancing efficiency.

A **five-speed transmission with lockup clutch** is available as an option, allowing you to work more efficiently while keeping fuel consumption and emissions low.



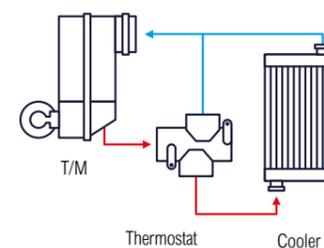
The HL955's **parallel Z-bar linkage** has been specially developed to provide the optimal balance between lifting power and tilt forces, combined with parallel lift.



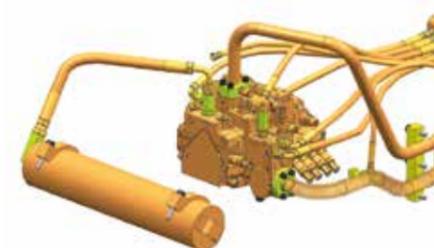
MORE UPTIME FOR A RELIABLE RETURN ON YOUR INVESTMENT



To protect your business, you need to know that the investment you make today will sustain your profits over the long term. That's why we prioritised reliability throughout the development of the HL955A, from design and manufacturing to quality control.

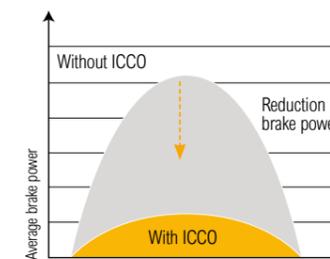


The optional **thermostat for transmission cooling** helps to warm up the fluid quickly and keeps it at the optimal working temperature, protecting components and increasing efficiency.



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

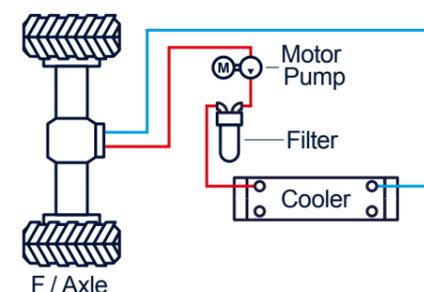
The axles, driveshaft and all operating systems have been revised and tested rigorously for endurance on a range of work sites. The result is a tough, durable workhorse that minimises downtime for repairs and maintenance and helps you to protect your profits.



The **Intelligent Clutch Cut-Off (ICCO)** function minimises loss of power in the torque converter and prevents excessive power use during braking. This reduces heat generation and wear on the brake disc.

The hydraulic system has been simplified with a **unified control valve system**. This removes the need for hydraulic hoses connected to each valve, decreasing the number of possible leak points.

The HL955A features **premium quality axles with enhanced load capacity** for better reliability and durability. A separate **axle oil cooling system** is available as an option to prevent overheating during high-load work or tasks requiring frequent braking.

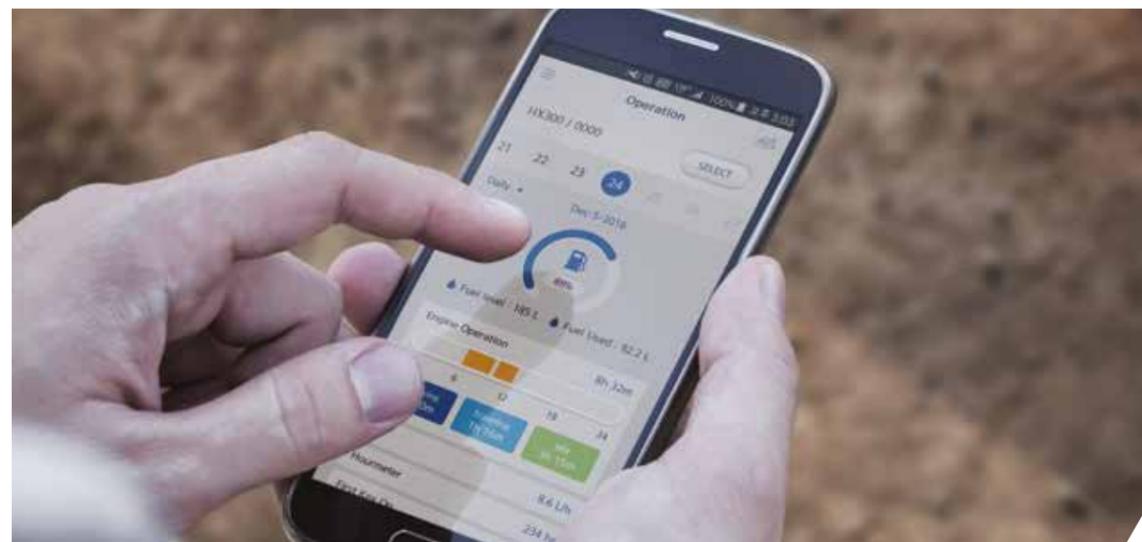


EASY SERVICING FOR TROUBLE-FREE OWNERSHIP

The peace of mind that comes with quick, low-effort servicing is part of what we call the Hyundai Effect. The HL955A is designed to make maintenance as convenient as possible. The engine hood opens wide to provide easy access for cleaning and routine tasks. All components and materials have been optimised to ensure a long, trouble-free life.

Hyundai's Hi-MATE remote management system is integrated to provide the highest level of service and support. The HL955A also features our new Engine Connected Diagnostics (ECD) system which immediately reports any engine failure to both Hi-MATE and the engine manufacturer to ensure the fastest, easiest resolution.

HiMATE



Hyundai's exclusive Hi-MATE remote management system allows you to monitor your machines from any location via a dedicated website or mobile app, with access to diagnostics and working parameters like total engine hours, actual working hours and fuel consumption. The system makes it easy to evaluate machine productivity and plan servicing and maintenance tasks, as well as any required cost saving measures. It also offers geofencing to protect your machines against theft and unauthorised usage.



Our new **Engine Connected Diagnostics (ECD)** technology supports service technicians by providing remote diagnostics reports so that they can prepare properly for site visits.



With the optional **auto greasing system**, grease is applied to lubrication points automatically when needed. The correct dosing is ensured and lubricant is applied uniformly, reducing grease consumption and eliminating waste.



The **tilt-back engine hood is fully retractable** and can be **opened electrically** for easy access to the sealed engine room and cooling room. The engine room is designed to prevent the possibility of fire caused by the inflow of foreign materials.



The **air conditioning filter** is easy to replace.

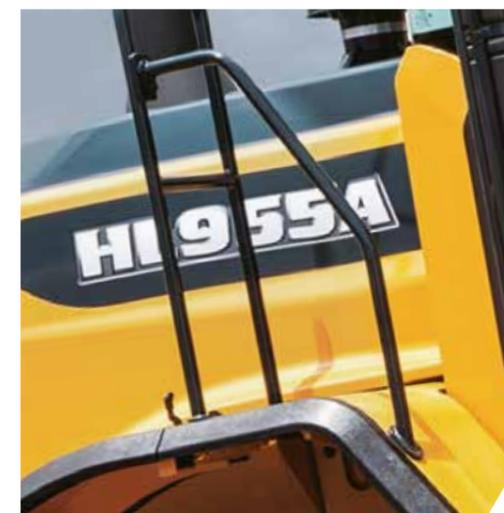


The HL955A has a dependable **wide-core and fin air cooler** that prevents performance degradation caused by contamination.

FOCUSED TECHNOLOGIES FOR THE RESULTS YOU WANT

Hyundai's A-Series wheel loaders are designed to create better conditions for operators and deliver the ultimate ownership experience. Every detail is carefully fine-tuned to match your needs in the field, including better safety and comfort, higher productivity, maximum uptime and easy servicing. This is all part of the Hyundai Effect.

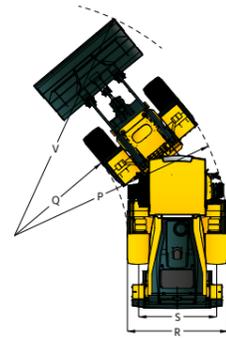
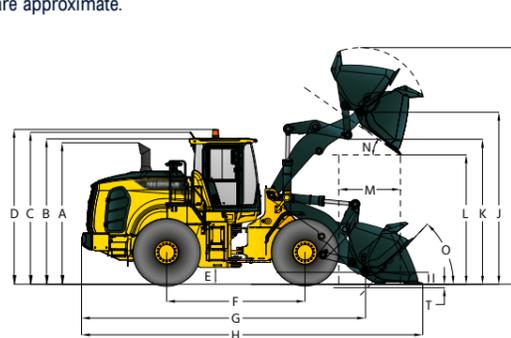
See more at hyundai-ce.eu



DIMENSIONS

DIMENSIONS

All dimensions are approximate.



| Description | HL955A | | HL955AXT | |
|--|--------|---------|----------|---------|
| | mm | ft in | mm | ft in |
| A Height to Top of Exhaust Pipe | 3,320 | 10' 11" | 3,320 | 10' 11" |
| B Height to Top of Cabin | 3,390 | 11' 1" | 3,390 | 11' 1" |
| C Height to Top of Product Link Antenna | 3,440 | 11' 3" | 3,440 | 11' 3" |
| D Height to Top of Warning Beacon | 3,520 | 11' 7" | 3,520 | 11' 7" |
| E Ground Clearance | 410 | 1' 4" | 410 | 1' 4" |
| F Wheelbase | 3,050 | 10' | 3,050 | 10' |
| G Overall Length (Without Bucket) | 6,430 | 21' 1" | 7,025 | 23' 1" |
| H Shipping Length (With Bucket Level on Ground) | 7,715 | 25' 4" | 8,310 | 27' 3" |
| I Hinge Pin Height at Carry Position | 440 | 1' 5" | 610 | 2' |
| J Hinge Pin Height at Maximum Lift | 3,940 | 12' 11" | 4,515 | 14' 10" |
| K Lift Arm Clearance at Maximum Lift | 3,340 | 10' 11" | 3,905 | 12' 10" |
| L Dump Clearance at Maximum Lift and 45° Discharge | 2,785 | 9' 2" | 3,360 | 11' |
| M Reach at Maximum Lift and 45° Discharge | 1,180 | 3' 10" | 1,220 | 4' |
| N Dump Angle at Maximum Lift and Dump (on Stops) | 48 | | 48 | |
| O Roll Back Angle | Ground | 41 | 41 | |
| | Carry | 46 | 47 | |
| P Clearance Circle (Diameter) to Outside of Tyres | 11,140 | 36' 7" | 11,140 | 36' 7" |
| Q Clearance Circle (Diameter) to Inside of Tyres | 5,980 | 19' 4" | 5,980 | 19' 4" |
| R Width Over Tyres (Unloaded) | 2,530 | 8' 4" | 2,530 | 8' 4" |
| S Tread Width | 2,010 | 6' 7" | 2,010 | 6' 7" |

OPERATING SPECIFICATIONS WITH BUCKETS

| Linkage Bucket Type | | General Purpose Pin On | | General Purpose Hook On | High Lift Linkage Change |
|---|-------|------------------------|-------------------------|-------------------------|--------------------------|
| | | Bolt-On Cutting Edges | 2 Piece Tooth & Segment | Bolt-On Cutting Edges | |
| Capacity - Rated | m³ | 2.8 | 2.8 | 2.8 | - |
| | yd³ | 3.7 | 3.7 | 3.7 | |
| Capacity - Rated at 110% Fill Factor | m³ | 3.1 | 3.1 | 3.1 | - |
| | yd³ | 4.1 | 4.1 | 4.1 | |
| Width | mm | 2,740 | 2,810 | 2,740 | - |
| | ft/in | 9' | 9' 3" | 9' | |
| Dump Clearance at Maximum Lift & 45° Discharge | mm | 2,785 | 2,660 | 2,600 | +575 |
| | ft/in | 9' 2" | 8' 9" | 8' 6" | 1' 11" |
| Reach at Maximum Lift & 45° Discharge | mm | 1,180 | 1,275 | 1,355 | +40 |
| | ft/in | 3' 10" | 4' 2" | 4' 5" | +2" |
| Digging Depth | mm | 85 | 85 | 85 | +35 |
| | ft/in | 3" | 3" | 3" | +1" |
| Shipping Length (with Bucket) | mm | 7,715 | 7,870 | 7,970 | +595 |
| | ft/in | 25' 4" | 25' 10" | 26' 2" | +1' 11" |
| Overall Height with Bucket at Maximum Lift | mm | 5,330 | 5,330 | 5,515 | +575 |
| | ft/in | 17' 6" | 17' 6" | 18' 1" | +1' 11" |
| Loader Clearance Circle with Bucket at Carry Position | mm | 12,550 | 12,720 | 12,700 | +600 |
| | ft/in | 41' 2" | 41' 9" | 41' 8" | +1' 12" |
| Static Tipping Load. Straight (No Tire Deflection) | kg | 11,350 | 11,300 | 10,200 | -1150 |
| | lb | 25,022 | 24,912 | 22,487 | -2535 |
| Static Tipping Load. Articulated (No Tire Deflection) | kg | 9,850 | 9,800 | 8,850 | -1000 |
| | lb | 21,716 | 21,605 | 19,511 | -2205 |
| Breakout Force | kg | 14,370 | 14,370 | 11,980 | +170 |
| | lb | 31,680 | 31,680 | 26,411 | +375 |
| Operating Weight* | kg | 15,800 | 15,855 | 16,175 | +690 |
| | lb | 34,830 | 34,950 | 35,660 | +1521 |

* All height and tyre related dimensions are with standard 23.5 R25, L3 tyres.

DENSITY AND BUCKET SELECTION

DENSITY OF OPERATING MATERIALS

| Loose Material | Material Density [ton / m³] | |
|-----------------|-----------------------------|-----------|
| Earth / Clay | 1.5 ~ 1.7 | |
| Sand and Gravel | 1.5 ~ 1.7 | |
| Aggregate | 25 ~ 76 mm (1 to 3 in) | 1.6 ~ 1.7 |
| | 19 mm (0.75 in) and larger | 1.8 |

HL955A / HL955AXT BUCKET SELECTION CHART

| Standard Lift Arm - General Purpose Bucket | | | | | | | | | | | | | | | | | | |
|--|-----------|-----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------|------------|------------|------------|------------|
| Type | m³ (yd³) | Material Density [ton / m³] | | | | | | | | | | | | | | | | |
| | | 0.8 (1349) | 0.9 (1517) | 1.0 (1686) | 1.1 (1854) | 1.2 (2023) | 1.3 (2191) | 1.4 (2360) | 1.5 (2528) | 1.6 (2697) | 1.7 (2865) | 1.8 (3034) | 1.9 (3203) | 2.0 (3371) | 2.1 (3540) | 2.2 (3708) | 2.3 (3877) | 2.4 (4045) |
| Cutting edge | 2.8 (3.7) | 3.2 m³ (4.2 yd³) | | | | | | | | | | | | 2.7 m³ (3.5 yd³) | | | | |
| 2-Bolt on Tooth & Segment Edge | 2.8 (3.7) | 3.2 m³ (4.2 yd³) | | | | | | | | | | | | 2.7 m³ (3.5 yd³) | | | | |
| Cutting Edge Q/C | 2.8 (3.7) | 3.2 m³ (4.2 yd³) | | | | | | | | | | | | 2.7 m³ (3.5 yd³) | | | | |

| High lift arm (XT) - General Purpose Bucket | | | | | | | | | | | | | | | | | | |
|---|-----------|-----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------|------------|------------|------------|------------|
| Type | m³ (yd³) | Material Density [ton / m³] | | | | | | | | | | | | | | | | |
| | | 0.8 (1349) | 0.9 (1517) | 1.0 (1686) | 1.1 (1854) | 1.2 (2023) | 1.3 (2191) | 1.4 (2360) | 1.5 (2528) | 1.6 (2697) | 1.7 (2865) | 1.8 (3034) | 1.9 (3203) | 2.0 (3371) | 2.1 (3540) | 2.2 (3708) | 2.3 (3877) | 2.4 (4045) |
| Cutting edge | 2.8 (3.7) | 3.2 m³ (4.2 yd³) | | | | | | | | | | | | 2.7 m³ (3.5 yd³) | | | | |
| 2-Bolt on Tooth & Segment Edge | 2.8 (3.7) | 3.2 m³ (4.2 yd³) | | | | | | | | | | | | 2.7 m³ (3.5 yd³) | | | | |
| Cutting Edge Q/C | 2.8 (3.7) | 3.2 m³ (4.2 yd³) | | | | | | | | | | | | 2.7 m³ (3.5 yd³) | | | | |



CHANGE IN OPERATING SPECIFICATIONS - TYRES

| Tyres | | 20.5-25 16PR L5 | 20.5 R25 ★ XHA | 20.5-25 16PR L3 |
|---|-------|------------------|----------------|-----------------|
| | | Operating Weight | kg | +440 |
| Static Tipping Load. Straight (No Tyre Deflection) | kg | +280 (+230) | -35 (-30) | -70 (-60) |
| | lb | +617 (+507) | -77 (-66) | -154 (-240) |
| Static Tipping Load. Articulated (No Tyre Deflection) | kg | +240 (+200) | -30 (-25) | -60 (-50) |
| | lb | +529 (+441) | -66 (-55) | -132 (-110) |
| Vertical Height Changes | mm | +65 | -7 | -3 |
| | ft/in | +3" | -0.3" | -0.1" |
| R. Width Over Tyres (Unloaded) | mm | +27 | -6 | -6 |
| | ft/in | +1" | -0.2" | -0.2" |
| P. Clearance Circle (Diameter) to Outside of Tyres | mm | +27 | -6 | -6 |
| | ft/in | +1" | -0.2" | -0.2" |
| Q. Clearance Circle (Diameter) to Inside of Tyres | mm | -27 | +6 | +6 |
| | ft/in | -1" | +0.2" | +0.2" |

** Dimension Changes Compared to 20.5R25, ★, L3 tires.

() : XT SPEC

SPECIFICATIONS

| ENGINE | |
|--|--|
| Maker / Model | CUMMINS B 6.7 / EU Stage V |
| Type | 6 cylinder, Watercooled, 4-cycle, turbocharged charge aircooled, direct injection, electronic controlled diesel engine |
| Aftertreatment System | DOC, DPF, SCR, VGT |
| Gross Power (SAE J1995) | 200 HP (149 kW) at 2.200 rpm |
| Net Power (SAE J1349) | 197 HP (147 kW) at 2.200 rpm |
| Max. Power | 210 HP (157 kW) at 1.900 rpm |
| Peak Gross Torque (SAE J1995) | 990 N·m (730 lb.ft) at 1.300 rpm |
| Displacement | 6.7 l (408 cu in) |
| No. of Cylinders | 6 |
| Bore × Stroke | 107 mm (4.21") × 124 mm (4.88") |
| Compression Ratio | 17.3 : 1 |
| Air Cleaner | Dry, Two stage dual elements |
| Alternator | 24 V - 95 Amp |
| Battery | 2 x 12V, 900 CCA |
| Starting Motor | 24V - 5.5kw |
| <ul style="list-style-type: none"> 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. | |

| TRANSMISSION | | | |
|------------------------|-----|--|---------------------------------|
| Torque converter type* | | 3-Elements, Single-stage, Single phase | |
| Type | | 20.5 R25, ★★, L3 | |
| Travel speed | | 4 speed T/M | 5 Speed T/M with lock up clutch |
| | | km/h (mph) | km/h (mph) |
| Forward | 1st | 7.1 (4.4) | 6.5 (4.0) |
| | 2nd | 11.7 (7.3) | 11.4 (7.1) |
| | 3rd | 23.6 (14.7) | 17.6 (10.9) |
| | 4th | 39.2 (24.4) | 27.3 (17.0) |
| | 5th | - | 40.0 (24.9) |
| Reverse | 1st | 7.4 (4.6) | 6.9 (4.3) |
| | 2nd | 12.3 (7.6) | 12.0 (7.5) |
| | 3rd | 24.9 (15.5) | 28.8 (17.9) |

* 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

| AXLES | |
|-----------------|----------------------------------|
| Drive system | Four-wheel drive system |
| Front | Fixed |
| Rear | Oscillating ±11 degrees |
| Hub reduction | Planetary reduction at wheel end |
| Differential | Conventional |
| Reduction ratio | 23.334 |

| TYRES | |
|-----------------|-------------------------------|
| Type | Tubeless, loader design tyres |
| Standard | 20.5 R25, ★★, L3 |
| Options include | 20.5 R25, ★, XHA |
| | 20.5-25, 16PR, L3 |
| | 20.5-25, 16PR, L5 |

| OVERVIEW | | | |
|-----------------------|---------------------|---------------------|--------------------|
| Description | HL955A | HL955AXT | |
| Operating weight | 15800 kg (34830 lb) | 16490 kg (36350 lb) | |
| Bucket capacity | Heaped | 2.8 m³ (3.7 yd³) | |
| | Struck | 2.4 m³ (3.1 yd³) | |
| Breakout force-bucket | 14370 kg (31680 lb) | 14540 kg (32055 lb) | |
| Tipping load | Straight | 11350 kg (25022 lb) | 9400 kg (20723 lb) |
| | Full turn | 9850 kg (21716 lb) | 8150 kg (17968 lb) |

| CABIN | |
|--|--|
| ROPS / FOPS Cabin Meet ISO 3471 and ISO 3449 | |

| BRAKES | |
|-----------------|--|
| 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. |

| HYDRAULIC SYSTEM | | |
|---|---|----------------------------------|
| Type | Load sensing hydraulic system | |
| Maximum Pump Output | 185 l/min (48.8 gal/min) at 2.200 rpm | |
| Maximum Operating Pressure | 280 bar (3,980 psi) | |
| Control Valve | 2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom, Aux) | |
| Lift Circuit | The valve has four functions; Raise / Hold / Lower / Float Can adjust automatic kickout from horizontal to full lift. | |
| Tilt Circuit | The valve has three functions; Tilt back / Hold / Dump Can adjust automatic bucket positioner to desired load angle. | |
| Hydraulic Cycle Time with Rated Payload | Raise from Carry Position: 5.5 Sec. | |
| | Dump, at maximum raise: 2.0 Sec. | |
| | Lower, empty, float down: 3.9 Sec | |
| | Total: 11.4 Sec. | |
| Cylinder | Type: double acting | |
| | No. of cylinders-bore × stroke | |
| | Lift | 2-125 × 745 mm (2-4.9" × 29.3") |
| | HL955A Tilt | 1-140 × 560 mm (1-5.5" × 1' 10") |
| HL955A XT Tilt | 1-140 × 585 mm (1-5.5" × 1' 11") | |

| STEERING SYSTEM | | |
|-----------------|--|-----------------------------------|
| Type | Load sensing hydrostatic articulated steering | |
| Pump | Variable displacement piston pump | |
| System pressure | 210 bar (3,046 psi) | |
| Cylinder | Double acting | 2 - 70 mm (2.8") x 418 mm (16.5") |
| Steering angle | 40° to both right and left angle, respectively | |
| Features | Center-point frame articulation. Tilt and telescopic steering column | |

* Hyundai Bio Hydraulic Oil (HBHO) available.

| SERVICE REFILL CAPACITIES | | |
|-----------------------------------|-----|--------|
| UNIT | l | US gal |
| Fuel tank | 230 | 60.8 |
| DEF tank | 37 | 8.7 |
| Cooling system | 42 | 11.2 |
| Crankcase | 18 | 4.8 |
| Transmission | 33 | 8.7 |
| Front axle | 32 | 8.5 |
| Rear axle | 32 | 8.5 |
| Hydraulic tank | 110 | 29.1 |
| Hydraulic system (Including tank) | 200 | 52.8 |

| SOUND | |
|--|-----------|
| 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) | 67 dB(A) |
| Exterior Sound Power Level (ISO 6395:2008) | 103 dB(A) |

| CABIN & INTERIOR | | STD |
|---|--|-----|
| ALARMS, AUDIBLE AND VISUAL | | |
| Air Filter Clogging | | ● |
| Transmission Error | | ● |
| Battery Voltage | | ● |
| Brake Oil Pressure | | ● |
| Engine Oil Pressure | | ● |
| Fuel Level | | ● |
| Hydraulic Oil Temperature | | ● |
| Engine Coolant Temperature | | ● |
| Transmission Oil Temperature | | ● |
| Service Brake Oil Pressure | | ● |
| Engine Coolant Level | | ● |
| Water In Fuel | | ● |
| Maintenance Cycle | | ● |
| Alarm, Back-Up | | ● |
| Horn, Electric | | ● |
| Engine Stop | | ● |
| BATTERIES | | |
| 900 CCA, 12 V, 2 PCS | | ● |
| GAUGES | | |
| Engine Coolant Temperature | | ● |
| Fuel Level | | ● |
| Speedometer | | ● |
| Transmission Oil Temperature | | ● |
| INDICATOR LIGHTS | | |
| Parking Brake | | ● |
| High Beam | | ● |
| Turn Signal | | ● |
| Joystick Steering Pilot Lamp | | ● |
| FNR | | ● |
| Pilot Cut Off | | ● |
| Engine Auto Stop | | ● |
| Ride Control | | ● |
| Seat Belt | | ● |
| Differential Lock | | ● |
| LCD DISPLAY | | |
| Clock And Fault Code | | ● |
| Operating Hour Counter | | ● |
| DEF Level | | ● |
| Engine rpm | | ● |
| Transmission Gear Range | | ● |
| Indicator | | ● |
| Job Time and Distance | | ● |
| Temperature (Coolant, hydraulic oil, T/M oil) | | ● |
| LIGHTING SYSTEM | | |
| LED Dome Light | | ● |
| 2 Stop and Tail Lights | | ● |
| 4 Turn Signals | | ● |
| Brake Lights (Counterweight) | | ● |
| 2 LED Rear Combi Lamp | | ● |
| 2 Head Lights on Front Tower | | ● |
| 2 LED Head Light | | ● |
| 2 Working Lights on Front Roof | | ● |
| 4 Working Lights on Front Roof, 2 Working Lights on Rear Roof | | ● |
| 4 Working Lights (LED) on Front Roof, 2 Working Lights (LED) on Rear Roof | | ● |
| 2 Working Lights on Grill | | ● |
| 2 Working Lights (LED) on Grill | | ● |
| SWITCHES | | |
| Hazard | | ● |
| DPF | | ● |
| Engine Hood Open | | ● |
| Parking | | ● |
| Battery Master Switch | | ● |
| FNR Shifter | | ● |
| Differential Lock Foot Switch | | ● |
| Emergency Steering | | ● |
| Pilot Cut Off | | ● |
| Air Compressor | | ● |

| CABIN & INTERIOR | | STD |
|--|--|-----|
| IGNITION | | |
| Key | | ● |
| Button | | ● |
| MEMBRANE SWITCHES IN MONITOR | | |
| Main Light | | ● |
| Work Light | | ● |
| Auto Grease | | ● |
| Quick Coupler | | ● |
| Ride Control | | ● |
| Weighing System | | ● |
| Beacon Light | | ● |
| Rear Wiper | | ● |
| Mirror Heat | | ● |
| Auto Position | | ● |
| Fine Modulation | | ● |
| Cam | | ● |
| CABIN (SOUND SUPPRESSED) | | |
| Cigar Lighter & Ashtray | | ● |
| Coat Hook | | ● |
| AUTOMATIC CLIMATE CONTROL | | |
| Air Conditioner & Heater | | ● |
| Defroster | | ● |
| Intermittent Wiper and Washer, Front and Rear | | ● |
| SEAT | | |
| 2" Retractable Seat Belt & Adjustable Mechanical Suspension (Heated) | | ● |
| 2" Retractable Seat Belt & Adjustable Air Suspension (Heated) | | ● |
| PERSONAL STORAGE SPACE | | |
| Console Box | | ● |
| Holder, Can and Cup | | ● |
| Rear View Mirrors (1 Inside) | | ● |
| Rear View Mirrors (2 Outside, Heated) | | ● |
| Steering Column, Tilt and Telescopic | | ● |
| Steering Wheel With Knob | | ● |
| Roller Type Sunshade (Front Window) | | ● |
| Roller Type Sunshade (Rear Window) | | ● |
| Tinted Safety Glass | | ● |
| One Door Cabin | | ● |
| Magazine Pocket | | ● |
| PEDALS | | |
| One Accelerator Pedal | | ● |
| One Brake Pedal | | ● |
| Dual-Brake Pedal | | ● |
| Accel Pedal Without ECO Switch | | ● |
| Accel Pedal with ECO Switch | | ● |
| Radio / USB Player | | ● |
| Rubber Floor Mat | | ● |
| Wrist Rest | | ● |
| 24 V to 12 V DC Converter (20 A) | | ● |

| ENGINE | | STD |
|---------------------------------|--|-----|
| Alternator, 95A | | ● |
| Antifreeze | | ● |
| ENGINE, CUMMINS, B6.7 | | |
| Stage V | | ● |
| Engine Enclosure, Lockable | | ● |
| Fan Guard | | ● |
| Engine Fuel Priming Pump | | ● |
| Fuel / Water Separator | | ● |
| CLEAN EMISSION MODULE | | |
| DOC, SCR and DPF | | ● |
| Rain Cap, Engine Air Intake | | ● |
| Radiator | | ● |
| Fuel Warmer | | ● |
| Coolant Level Sight Gauge | | ● |
| Engine Oil Level Dipstick Gauge | | ● |
| Centrifugal Air Precleaner | | ● |

| TELEMATICS | | STD |
|------------------------------------|--|-----|
| Hi-MATE | | ● |
| ECD (Engine Connected Diagnostics) | | ● |

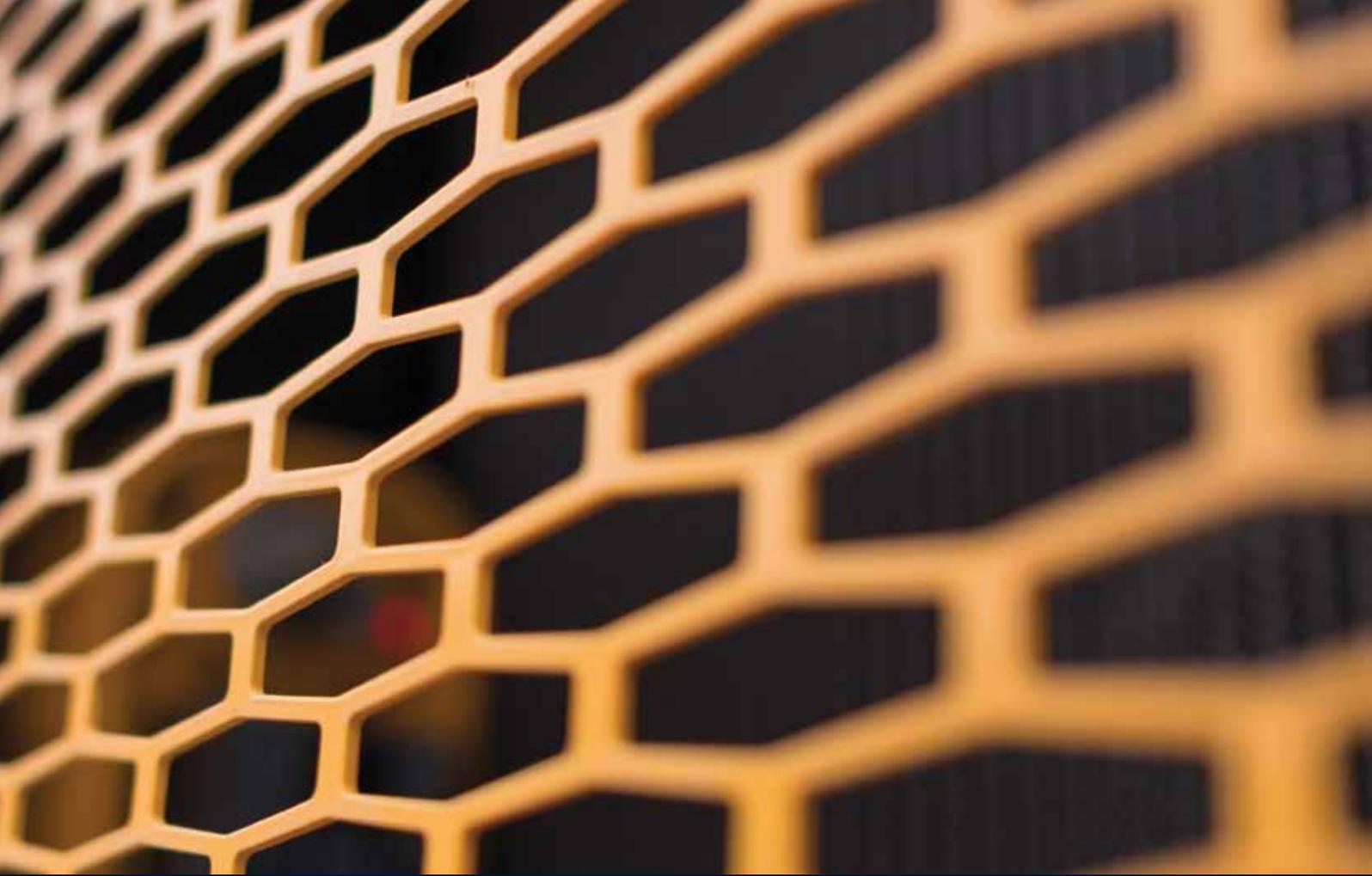
| POWER TRAIN | | STD |
|--|--|-----|
| Service Brake (Enclosed Wet-Disk) | | ● |
| Parking Brake | | ● |
| Torque Converter | | ● |
| Transmission F4 / R3, computer controlled, electronic soft shift, auto-shift and kick-down features included | | ● |
| Transmission F5 / R3 with Lock-Up Clutch | | ● |
| Transmission Oil Sight Level | | ● |
| Transmission Oil Cooler | | ● |
| Transmission Oil Cooler with Thermostat | | ● |
| Axle Cooling System | | ● |
| FRONT AXLE | | |
| Hydraulic Lock Differential | | ● |
| Limited Slip Differential | | ● |
| Open Differential | | ● |
| REAR AXLE | | |
| Limited Slip Differential | | ● |
| Open Differential | | ● |
| TYRES | | |
| 20.5 R25, ★★, L3 | | ● |
| 20.5 R25, XHA2 | | ● |
| 20.5-25, 16PR, L3 | | ● |
| Travel Speed Limiter (20-40 km/h) | | ● |

| HYDRAULIC SYSTEM | | STD |
|-------------------------------------|--|-----|
| Boom Kickout, Automatic | | ● |
| Bucket Positioner, Automatic | | ● |
| Diagnostic Pressure Taps | | ● |
| Hydraulic Oil Cooler | | ● |
| EH CONTROL (JOYSTICK) | | ● |
| EH Control (Fingertip) | | ● |
| EH Joystick Steering | | ● |
| Ride Control System | | ● |
| Secondary Steering System | | ● |
| Extra Piping-For Auxiliary Function | | ● |
| Quick Coupler Piping | | ● |
| Auto Grease System | | ● |
| MCV 2 circuits | | ● |
| MCV 3 circuits | | ● |
| Hyundai Bio Hydraulic Oil (HBHO) | | ● |

| SAFETY | | STD |
|------------------------------|--|-----|
| Beacon Light, Rotating (LED) | | ● |
| Emergency Steering | | ● |
| Rear View Camera | | ● |
| AAVM (AVM + IMOD) | | ● |
| Secondary Monitor | | ● |
| Radar | | ● |
| ROPS / FOPS Cabin | | ● |
| Boom Safety Bar | | ● |

| OTHER | | STD |
|---|--|-----|
| Articulation Locking Bar | | ● |
| Counterweight | | ● |
| Optional Counterweight | | ● |
| Remote cabin door | | ● |
| Door and Cabin Locks, One Key | | ● |
| Doors, Service Access (Locking) | | ● |
| Doors, Service Access (Remote Control) | | ● |
| Drawbar With Pin | | ● |
| ERGONOMICALLY LOCATED AND SLIP RESISTANT, LEFT & RIGHT | | |
| Handrails | | ● |
| Ladders | | ● |
| Platforms | | ● |
| Steps | | ● |
| Fenders (Front / Rear) | | ● |
| Hydraulic Oil Level Sight Gauge | | ● |
| Lift and Tie-Down Hooks | | ● |
| Loader Linkage, Sealed | | ● |
| PZ-Bar Design | | ● |
| Long Boom | | ● |
| Vandalism Protection Caplocks | | ● |
| Tool Kit | | ● |
| 2.8m³ Bucket Tooth, 2 Pieces, Bolt-on Type | | ● |
| 2.8m³ Bucket Cutting Edge, Bolt-on Type | | ● |
| 2.8m³ Bucket Cutting Edge, ISO QC | | ● |
| ISO type Quick Coupler | | ● |
| GUARDS | | |
| Crankcase | | ● |
| Transmission | | ● |
| Cabin Glass (Front / Rear) | | ● |
| Mud Guard | | ● |

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