



Waste solutions



Photo may include optional equipment

Wheel loaders

WA200-8
WA270-8
WA320-8
WA380-8
WA475-11
WA485-11
WA500-8

Excavators

PC210LC-11
PC360LC-11
PC390LC-11

Dozers

D65EX/PX-18
D85EX/PX-18
D155AX-8

Features that make waste operations more efficient

Variable geometry turbocharger (VGT) uses a hydraulic actuator to provide optimum air flow under all speed and loading conditions.

Diesel particulate filter (DPF) and selective catalytic reduction (SCR) system reduces particulate matter and NOx while providing automatic regeneration that does not interfere with daily operation.

Fluid neutral or better

Total fuel and diesel exhaust fluid (DEF) is less than fuel consumed by the prior model.

Closed-center load sensing system (CLSS)

provides quick response and smooth operation to maximize productivity.

Rearview monitoring system (standard) displays the area behind the machine onto the wide landscape view color monitor screen.

Auto idle shutdown helps reduce non-productive engine idle time and reduces operating costs.

Operator identification system records Komtrax machine operation and application data for up to 100 individual operators.



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The Komtrax telematics system is standard on Komatsu equipment with no subscription fees. Using the latest wireless technology, Komtrax transmits valuable information such as location, utilization, and maintenance records to a PC or smartphone app. Custom machine reports are provided for identifying machine efficiency and operating trends. Komtrax also provides advance machine troubleshooting capabilities by continuously monitoring machine health.

Enhanced working environment

- Large, quiet and pressurized cab
- Aux plug for audio player and two 12-volt connections
- High-capacity, heated air suspension seat

Large LCD color monitor panel

- 7" high resolution display
- Rearview camera display integrated into the default monitor screen
- Onboard diagnostics do not require use of a laptop computer
- Includes an ecology gauge and provides ecology guidance for greater fuel efficiency
- Easy-to-navigate menus allow operators to change settings, review machine performance records and track periodic maintenance items



Dozer waste package



Photo may include optional equipment



Cab air precleaner
Removes large particles and extends the life of the cab air filter.



Additional sealing and deflector bars
Chassis and door seals reduce amount of debris entering engine compartment. Deflector bars redirect larger debris.



Final drive seal guards
Provides an extra level of protection from wear and contamination due to debris. The clamshell design ensures a tight fit around the final drive housing, used hardened hardware and bolt head protectors.



Relocated hydraulic cooler

Moved to rear of machine to increase cooling efficiency.



Track shoe holes

Allows debris to be pushed through and reduces track compacting.



Relocated A/C condenser

Mounted to the roof to protect it from debris and to increase cooling efficiency.



Engine precleaner

Blocks and removes large particles from the air before they reach the engine air filter.



Powered underguard

Provides access to engine compartment to clean accumulated debris.



Rear box

Optimizes machine balance and has bolt-on rear striker bars along with a hitch.



Additional LED work lights

Improves visibility over trash rack and guards protect the light bulbs from debris.



Front and rear striker bars

Reduces debris from riding up on the tracks and damaging the chassis.



Auto-reversing fan

Allows fan to auto-reverse based on adjustable interval and duration. The D155 is equipped with an indicator lamp.



Trash rack

Ensures good operator visibility and increases blade capacity.



Engine thermal guard

Covers the exhaust manifold, KDPF, SCR system and hot side of the turbocharger, reducing the potential for combustible debris to come in contact with hot surfaces.



Powered air engine pre-cleaner

The powered engine air pre-cleaner provides cleaner air to the engine extending engine and filter life (D85 only).



Tank guard

Protects the sides and rear of the fuel and hydraulic tank from damage and debris.



Alternator precleaner

The direct mount cover and filter protect the alternator from debris.

Dozer specifications



Dozer waste package

	Engine power	Operating weight	Blade capacity
D65EX-18 semi-u	217 HP (162 kW) @ 1,950 rpm	50,259 lbs. (22,797 kg)	14.8 yd ³ (11.3 m ³)
D65EX-18 power angle	217 HP (162 kW) @ 1,950 rpm	53,076 lbs. (24,075 kg)	14.5 yd ³ (11.1 m ³)
D65PX-18 straight tilt	217 HP (162 kW) @ 1,950 rpm	53,136 lbs. (24,102 kg)	12.9 yd ³ (9.9 m ³)
D65PX-18 power angle	217 HP (162 kW) @ 1,950 rpm	56,337 lbs. (25,554 kg)	15.1 yd ³ (11.5 m ³)
D85EX-18 semi-u	264 HP (197 kW) @ 1,900 rpm	70,718 lbs. (32,077 kg)	18.4 yd ³ (14.1 m ³)
D85PX-18 straight tilt	264 HP (197 kW) @ 1,900 rpm	69,860 lbs. (31,688 kg)	18.4 yd ³ (14.1 m ³)
D155AX-8 semi-u	354 HP (264 kW) @ 1,900 rpm	94,421 lbs. (42,828 kg)	26.8 yd ³ (20.5 m ³)
D155AX-8 full-u	354 HP (264 kW) @ 1,900 rpm	94,421 lbs. (42,828 kg)	33.2 yd ³ (25.4 m ³)

*Operating weight shown includes lubricant, coolant, full fuel tank, ROPS cab and operator

Efficient engine

- Diesel engine provides excellent fuel economy
- Tier 4 Final emissions certified

Ergonomic operator controls

- Palm command control system (PCCS)
- Automatic/manual shift selectable mode

Hydrostatic steering system (HSS)

Provides smooth power to both tracks when turning.

Excavator waste package



Photo may include optional equipment



Cab air precleaner

Provides precleaned, filtered air to the HVAC system and pressurizes the cab, reducing odors and extending HVAC filter life.



Severe duty revolving frame undercovers

The .35" (9 mm) thick undercovers protect vital internal machine components. The hinged door helps make debris removal easier.

Waste solutions



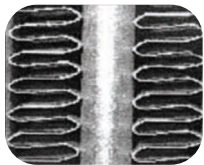
Chassis seal package

Reduces the amount of debris entering the engine compartment.

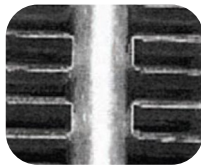


Engine precleaner

Removes large particulates from the engine air resulting in longer air filter life.



Standard cooler
(0.07" (1.75 mm) fin spacing)



Waste handler cooler
(0.15" (4 mm) fin spacing)

Wide core cooling package

Reduces debris accumulation and keeps air flowing through the radiator, hydraulic oil cooler, A/C condenser and charge air cooler.



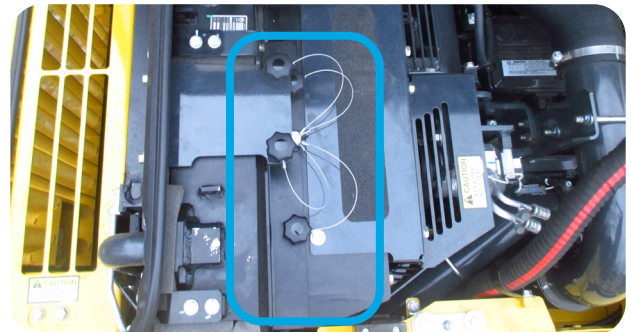
Auto-reversing fan

Keeps radiator clean. The manual switch allows for regular purging of the radiator.



Corrugated and perforated screen package

Maximizes effective open area for increased airflow to the coolers.



Radiator cleanout access cover

Allows access to the engine side of the radiator for cleaning through a removable cover with tethered knobs.



Operator cab guarding

OPG Level 2 top and front guards are bolt-on options to a base ROPS cab that already meets OPG Level 1 requirements for top guards.

Excavator specifications

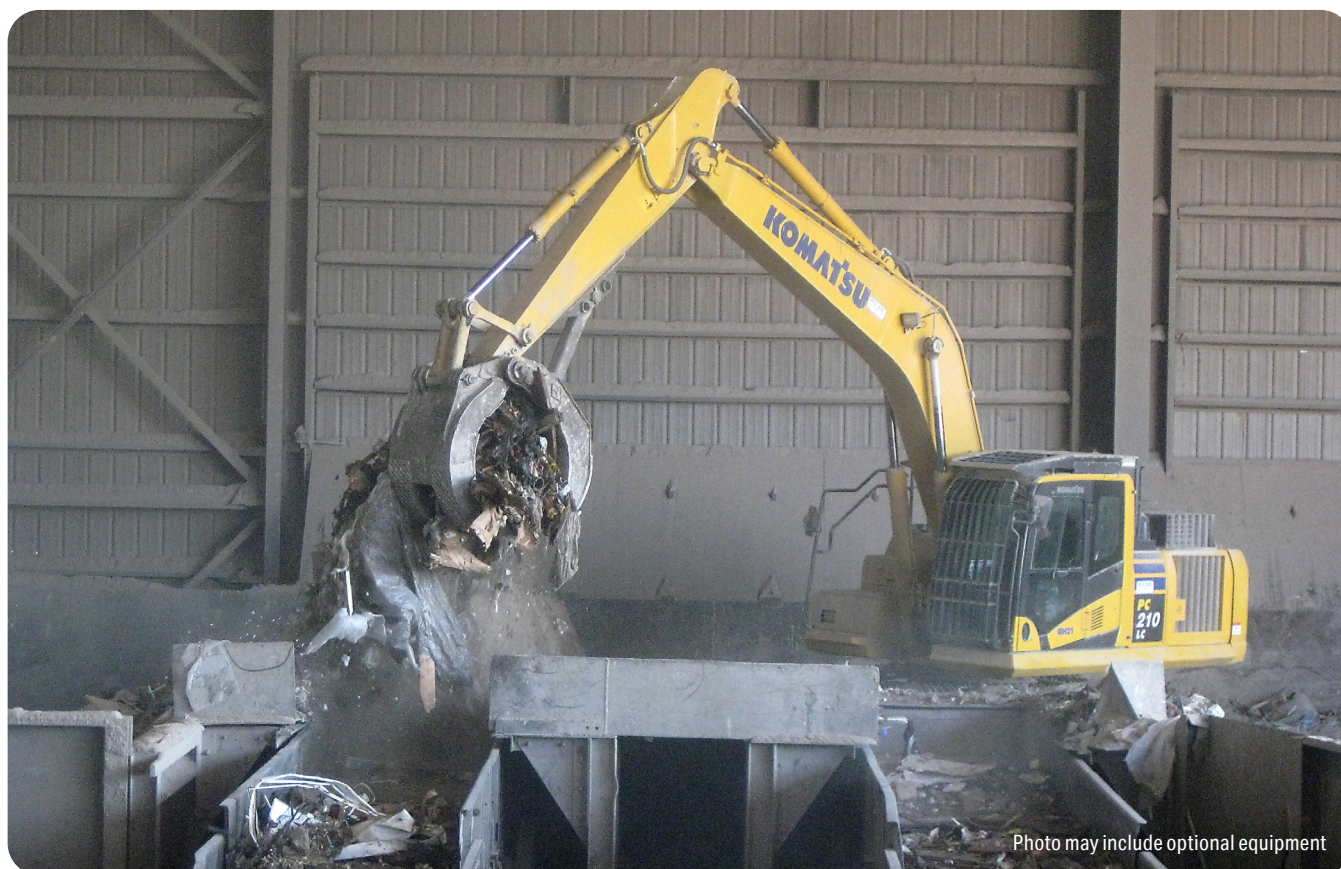


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Excavator waste package

	Engine power	Operating weight	Max lift capacity
PC210LC-11	165 HP (123 kW) @ 2,000 rpm	51,397-53,882 lbs. (23,313-24,440 kg)	40,850 lbs. (18,500 kg)
PC360LC-11	257 HP (192 kW) @ 1,950 rpm	78,645-80,457 lbs. (35,627-36,535 kg)	45,280 lbs. (20,540 kg)
PC390LC-11	257 HP (192 kW) @ 1,950 rpm	87,867-90,441 lbs. (39,856-41,023 kg)	44,700 lbs. (20,250 kg)

*Operating weight shown includes lubricant, coolant, full fuel tank, ROPS cab and operator

Comfortable working space

Wide spacious, climate controlled and pressurized cab.

Unrivalled hydraulic performance

Working mode selection allows for application optimization.

Durability

Large individual steel castings in boom foot, boom tip and arm tip provide long-term durability.

Serviceability

Easy access to centralized engine oil check points.

Wheel loader waste package



Photo may include optional equipment

Guarding options per machine

Description	WA200	WA270	WA320	WA380	WA475	WA485	WA500
Air intake guard (if fenders are removed)				•			
Articulation guard		•	•		•	•	
Axle seal guards (4)		•	•	•	•	•	
Beacon lamp ready switch		•	•				
Beacon lamp				•	•	•	•
Boom cylinder hose guards (plates) (2)				•			•
Boom cylinder hose wraps (wraps) (4)		•	•	•	•	•	
Bucket cylinder guards (HL)		•	•	•	•		
Bucket cylinder guards (STD)		•	•	•	•	•	
Cooling screens (3)	•	•	•	•	•	•	
Fender support for suppression system		•	•	•	•	•	•
Front frame underguard (2)	•	•	•	•	•	•	•
Front light guards (2)		•	•	•	•	•	•
Front window guard		•	•	•	•	•	•
Fuel tank guard				•	•	•	•
Rear frame underguard	•	•	•	•	•	•	•
Rear frame underguard (powertrain)		•	•				
Rear light guard (2)		•	•	•	•	•	•
Rear grille guard				•	•	•	



Bucket cylinder guard

Protects the bucket cylinder rod from falling debris. Bucket position sensors and wiring protection available on WA270 and WA320.



Cab beacon lamp

The cab is prewired for a roof-mounted beacon or strobe light. The switch for the beacon is integrated into the dashboard.



Cooling screens

Increases effective open area for airflow while reducing amount of debris reaching the coolers.



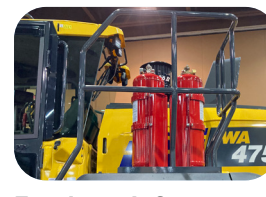
Front window guard

Provides an additional layer of protection to the window and operator from large debris.



Articulation guard

Protects components in the rear frame from debris and allows for full access to all daily maintenance points.



Fender reinforcement

The rear fender is reinforced to support the additional weight of locally added wet and dry chemical suppression system tanks.



Rear frame underguard

Protects the engine oil pan, oil drain and fuel tank drain while reducing amount of debris pulled into rear frame.



Front frame underguard

Reduces debris buildup and shields power train and hydraulic components. Hinged access panel for easy service access and cleanout.



Axle seal guards

Adjustable to ensure fit and reduces debris build up around shaft and seals.



Fuel tank guard

Encloses the exposed surfaces of the fuel tank to minimize damage and transfers impact forces into the rear frame and counterweight.



Boom cylinder hose guards

Provides additional protection to the hydraulic hoses.



Boom cylinder hose wraps

Protect the boom cylinder hoses from wear, abrasion and cuts.



Rear frame powertrain underguard

Protects the hydraulic pump, motors and transfer case. Available on WA270 and WA320.



Rear grille guard

Mounts through the counterweight using existing bolt holes. It protects the cooling system and rear grill without obstructing rear camera visibility. The guard fully swings open to allow access for cleaning.



Front and rear light guards

Guards and protects front and rear lights from impact damage.



Wheel loader specifications



Wheel loader waste package

	Engine power	Operating weight	Full turn tip load
WA200-8	126 HP (94 kW) @ 2,000 rpm	25,827-26,489 lbs. (11,715-12,015 kg)	13,558-16,854 lbs. (6,150-7,645 kg)
WA270-8	149 HP (111 kW) @ 2,000 rpm	28,208-29,079 lbs. (12,795-13,190 kg)	18,761-19,886 lbs. (8,510-9,020 kg)
WA320-8	165 HP (123 kW) @ 2,100 rpm	34,128-34,987 lbs. (15,480-15,870 kg)	16,998-21,561 lbs. (7,710-9,780 kg)
WA380-8	191 HP (143 kW) @ 2,100 rpm	40,532-41,932 lbs. (18,385-19,020 kg)	22,943-29,630 lbs. (10,407-13,440 kg)
WA475-11	343 HP (256 kW) @ 1,600 rpm	56,482-57,077 lbs. (25,620-25,890 kg)	38,272-39,595 lbs. (17,360-17,960 kg)
WA485-11	362 HP (270 kW) @ 1,600 rpm	61,432-64,992 lbs. (27,865-29,480 kg)	39,970-41,920 lbs. (18,130-19,015 kg)
WA500-8	353 HP (263 kW) @ 1,900 rpm	76,897-77,856 lbs. (34,880-35,315 kg)	54,622-55,373 lbs. (24,776-25,117 kg)

*Full turn tipping and operating weight shown includes lubricant, coolant, full fuel tank, ROPS cab and operator

** Addition of guarding options and solid tires impact operating weight. Contact your local Komatsu dealer.

Fuel efficient engine

Tier 4 Final emissions certified engines provide exceptional performance while reducing fuel consumption.

Low noise design

Rubber mounting leads to a quiet, low-vibration, comfortable operating environment.

Powertrain performance

Komatsu's large-capacity torque converter is optimized for efficiency and has improved acceleration.

Support equipment

Articulated trucks

To fully maximize a waste fleet, consider Komatsu's articulated trucks. When the terrain is challenging, and underfoot conditions are severe, customers count on Komatsu's HM articulated truck model line and its Komatsu Traction Control System (KTCS). Payload management can be consistent and maximized through Komatsu's Payload Meter (PLM) system that integrates with Komtrax.

Intelligent Machine Control dozers and excavators

Envision assimilating Intelligent Machine Control technology into your fleet. Machines like the PC210LCi-11, PC360LCi-11, D65EXi-18 and D85EXi-18 can impact efficiency using GNSS to aid in cell design, and help monitor waste fill level. When capping a site, IMC machines can track top soil coverage to ensure compliance.



Komatsu helps you bring it all together

Get the most out of your fleet with My Komatsu

We've designed a portal that makes it easy to collect, visualize and monitor data for both Komatsu machines and other OEM machines. My Komatsu also gives you one easy source for accessing manuals and purchasing parts for your machines.

- Quickly collect, view and manage intuitive data displays in one location
- Help keep costs under control
- Benchmark machine performance and track fuel consumption
- Monitor for theft and unauthorized use
- Receive timely maintenance alerts



My Komatsu, our comprehensive portal, analyzes telematics data from your on-machine technology — Komtrax, Komtrax Plus or from other OEMs — and displays it on easy-to-read dashboards. Now you can get the powerful analytics you need to manage your costs and enhance your fleet's efficiency without a complicated process or expensive third-party solutions.



Data
Telematics data is generated by on-machine technology.

Storage

Telematics data flows into data storage. ISO 15143-3 (AEMP 2.0) facilitates the extraction and raw data to your choice of databases.



Connection

Choose how you want to connect and view your data. Go to multiple systems, send to a third party or easily connect it all through My Komatsu.

Analytics

My Komatsu connects telematics data from Komatsu and non-Komatsu equipment and creates powerful analytics dashboard views.



mykomatsu.komatsu

Connect your machines to Smart Construction to optimize your job sites

Your projects depend on robust data that is easily shared, replicated, updated and — most important of all — correct.



Take a step toward a digital transformation of your job sites with Komatsu's suite of Smart Construction solutions, where advanced automation and integrated technologies intersect to help you:

- Track costs of labor, machines and materials
- Receive real-time insights straight from the field
- Enhance workflow with fully integrated data
- Visualize your data for actionable results
- Quickly map your job site



Not sure where to begin? Komatsu-certified solution experts are available on the phone, online or at your job site to help you navigate and thrive along your digitalization journey.

komatsu.com/smart-construction

Komatsu maintenance and repair programs

Get the service and repairs you need your way. Komatsu offers a tiered maintenance and repair program that simplifies the upkeep of your machine to help control operating costs and get the most from your equipment. Manage your active coverage programs through the My Komatsu customer interface and take advantage of attractive financing options.

- Solutions that fit your needs and ease your mind
- Fixed maintenance and repair costs for the life of the contract
- National coverage

Komatsu Care Complimentary

Complimentary maintenance

Our complimentary scheduled maintenance program for the first three years or 2,000 hours, whichever occurs first.

Komatsu Care Plus

Extended maintenance

A continuation of the Komatsu Care program. Along with regularly scheduled maintenance and national distributor coverage, you get a variety of added benefits.

Komatsu Care Plus II

Extended maintenance and repair

Everything in the Komatsu Care Plus program bundled with comprehensive repair coverage for qualifying repairs.

Komatsu Care Plus III

Extended maintenance, repair and consumables

A comprehensive program that simplifies your equipment's total cost of ownership with a fixed cost per hour for qualifying repairs and replacements.

Komatsu Care Advantage Warranty

Extended warranty

Protect your equipment in the event a covered component fails due to a defect in material or workmanship. Repairs are performed by Komatsu-trained experts using Komatsu genuine parts.

komatsu.com/maintenance-repair

Komatsu Financial

Financing can be a major advantage for your operation, enabling you to get the equipment and service you need with terms to fit your business needs. Komatsu Financial offers services built for your business success.

komatsu.com/financing

Komatsu Genuine Parts

Engineered to help extend the life of your Komatsu machine. Now available on the My Komatsu parts store.

komatsu.com/parts

Komatsu training

Comprehensive training support — virtually, at our facility or where most convenient.

komatsu.com/training



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