

KOMATSU



Industry Solutions
SALT & CHEMICAL

Wheel Loaders

A corrosive environment is one of the toughest challenges for any machine. Upgraded with a special coating on the metal parts and with various optional modifications to fit the application at hand, Komatsu “Salt & Chemical” configured wheel loaders hold up even under the most aggressive conditions. Reduced downtime, less maintenance and repair costs and a long lifetime: Komatsu machines perform as well and last as long as in a non-corrosive environment.



Special protective paint

To increase their resistance, the main parts of the machine are given an additional layer of iron mica paint: a protective “armor” is formed against corrosion, UV radiation, air pollution and chemicals.



Gasket protection for the cylinder seals

In an aggressive environment, even the highest quality hydraulic cylinder sealing will fail after a short time. Our solution to prevent expensive repairs is a protective layer of grease which covers the sealing parts. In combination with this option, the central lubrication container’s volume can be increased.



Extra sealing of electrical connectors

To further enhance protection of the standard doublesealed connectors located outside the machine, an extra seal of shrinkable plastic and silicon has been added. This prevents impurities, such as moisture, salts, magnesium chloride and water from penetrating into the electrical system.

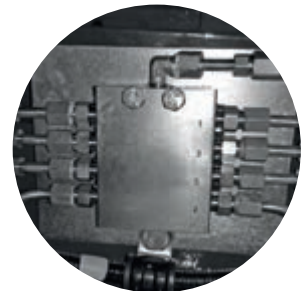
Additional sealing of the operator cabin

All openings of the cabin bottom are sealed to improve the overpressure characteristics of the cabin and to reduce the installation time of a protective ventilation system. The cab's profile elements are foamed to counteract penetration of corrosive material.



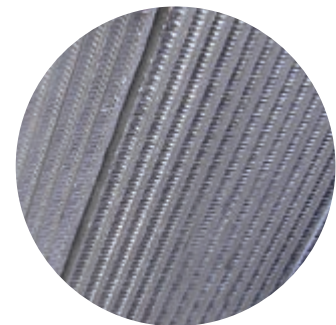
Stainless steel piping central lubrication system

Stainless steel tubing and valves overcome harsh conditions such as saline air. Individual assemblies can be quickly changed, minimize labor costs and maximize the operating hours of your machine.



Teflon coated cooling components

Teflon coating prevents foreign material from sticking to the cooler's components, increasing their resistance to corrosion and minimizing cleaning requirements.



Sealed alternator 160 A with air intake filtration

The cooled and protected alternator offers more power at idle speed and therefore a higher voltage stability with switched loads such as lights.



Model Range

WA200-8	WA270-8	WA320-8	WA380-8	WA470-8
ENGINE POWER 95,2 kW / 128 HP	ENGINE POWER 115 kW / 153 HP	ENGINE POWER 127 kW / 170 HP	ENGINE POWER 143 kW / 192 HP	ENGINE POWER 204 kW / 273 HP
OPERATING WEIGHT 11.345 - 11.855 kg	OPERATING WEIGHT 13.030 - 13.470 kg	OPERATING WEIGHT 15.700 - 16.225 kg	OPERATING WEIGHT 18.155 - 19.765 kg	OPERATING WEIGHT 24.170 - 25.670 kg
BUCKET CAPACITY 1,9 - 2,1 m ³	BUCKET CAPACITY 2,1 - 2,5 m ³	BUCKET CAPACITY 2,6 - 3,2 m ³	BUCKET CAPACITY 3,2 - 6,5 m ³	BUCKET CAPACITY 4,1 - 6,0 m ³

Equipment for Salt & Chemical

SAFETY EQUIPMENT

Special protective paint (for fuel tank, hydraulic oil tanks, front and rear frame, boom, bellcrank, cabin mirror stay, steps and hand rails, engine hood, hydraulic cylinders, front and rear axle, counterweight, rear & front light brackets, roof rail, front and rear fender, battery box, front frame plate, rear frame service door (right and left), underbody cover rear frame)	<input type="checkbox"/>
Additional sealing of the operator cabin	<input type="checkbox"/>
Gasket protection for cylinder seals for lifting cylinders, bucket cylinder and steering cylinders	<input type="checkbox"/>
Teflon coated cooling components for water cooler, oil cooler, air-to-air cooler and air conditioner condenser	<input type="checkbox"/>

SERVICE AND MAINTENANCE

Stainless steel piping central lubrication system	<input type="checkbox"/>
Large-capacity grease tank for central lubrication (recommended in combination gasket protection for cylinder seals)	<input type="checkbox"/>

ELECTRICAL SYSTEM

Extra sealing of electrical connectors	<input type="checkbox"/>
Protective connector lubricant for electrical connectors inside cab	<input type="checkbox"/>
Sealed alternator 160 A with air intake filtration	<input type="checkbox"/>

Further equipment on request

- standard equipment
- optional equipment

Equipment availability depends on model.

Further work equipment, accessories and special application arrangements on request.

Komatsu wheel loaders are equipped in accordance with the safety regulations of the machinery guidelines 89/392 EWG ff and EN474.

Your Komatsu partner:

KOMATSU

**Komatsu Europe
International N.V.**

Mechelsesteenweg 586
B-1800 VILVOORDE (BELGIUM)
Tel. +32-2-255 24 11
Fax +32-2-252 19 81
www.komatsu.eu

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