

WHEEL LOADER

WA120-3

ADVANCE LOADER

FLYWHEEL HORSEPOWER: 85 HP 63 kW @2400 RPM

BUCKET CAPACITIES: 1.2~1.7 m³ 1.55~2.25 cu.yd

OPERATING WEIGHT: 7790 kg 17170 lb



Model shown may include optional equipment.

- The powerful Komatsu S4D102E engine provides fuel-efficient operation
- Large bucket capacity and dumping clearance enhance overall productivity and working efficiency
- Orbit-roll full-hydraulic steering system ensures fast steering response and minimum operator effort
- Torque proportioning differentials ensure smoother, positive ride on rough terrain for longer tire life
- Viscous-mounted floor frame reduces vibration and noise
- Adjustment-free service and parking brakes account for higher performance and reduced downtime
- Gull-wing engine side covers facilitate engine access for easy checking/replacement of engine oil or filters
- Rust-resistant high-quality paint assures good appearance and longer service life

KOMATSU

Easy, Comfortable Operation, With High Reliability and Productivity



Photo shows model with four-speed transmission. Model shown may include optional equipment.

Ergonomically-Designed Controls

All controls in the WA120-3 – including the steering wheel and instrument panel – are designed to minimize operator fatigue, and hence maximize productivity and safety.

Low Noise & Vibration

The cab rests on rubber mounts to reduce noise and vibration transmission to the cab and hence reduce operator fatigue.

One-Glance Monitors

The WA120-3 has an automotive-type instrument panel, with analog gauges so the operator has a quick, clear understanding of operating conditions. The steering wheel is a two-spoke design providing a clear view of the instruments.

Easy-To-Use Brake Pedals

The WA120-3 has an organ-type service brake pedal, which can be operated in the same way as the accelerator pedal, without lifting the heel, to significantly reduce fatigue. The parking brake pedal is a foot-depressing type to ensure effective braking with light foot pressure.



Integrated Light Switch

The light switch is integrated with the turning signal switch, for more simple operation.

Positive Engine Starting

Thanks to the quick heater system automatic preheating system, the required preheating time is reduced, ensuring smooth engine starting even in cold weather.

Orbit-Roll Steering

The WA120-3 has Komatsu's Orbit-roll full hydraulic steering system for faster steering response and reduced operator fatigue. Minimum steering effort is required, even in tight turns.

Large Dumping Clearance

The WA120-3 has designed with ample dumping clearance for on-highway dump trucks. The operator can easily level materials in the bed of the dump truck.

Excellent Stability

The WA120-3 has a wide 1780mm(5'10") tread and a long 2600mm(8'6") wheelbase for maximum machine stability and hence greater operator safety in loading and travelling.

Gull-Wing Side Covers, Full-Opening Rear Grill

Gull-Wing engine side covers fully open upwards at a finger-touch. The covers allow for easy checking of engine and enable repair from ground level if required. In addition, a fully opening rear radiator grill features one-touch opening/closing with gas springs for easy battery checking and radiator cleaning.



Easy Fuel Refill Access

The fuel port is located within the rear frame and is protected by a cover plate. This design prevents fuel contamination from dirt thrown onto the side of the machine.



Reliable Power Train

The engine, torque converter and transmission as well as the hydraulic equipment and electrical parts undergo strict quality control checks for enhanced reliability and durability.

High-Quality Paint

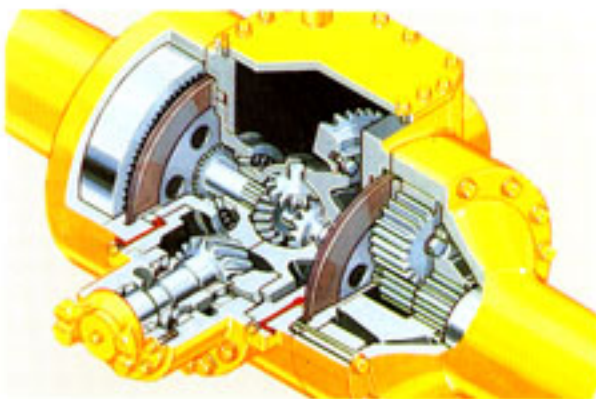
Most exterior plates are treated with a cation electro-deposition undercoat and melamine baked final paint for rust resistance and longer service life. In addition, some exterior components employ resin.

Extended Tire Life

The torque proportioning differential for both axles enables smoother ride in muddy or sandy terrain, reducing tire slippage and extending tire life.

Dependable Braking System

The WA120-3 has two independent hydraulically-actuated service brake circuits, for increased safety. The brakes are fully sealed, wet-disk units, which prevent intrusion of dust and dirt, and hence maximize service life. Komatsu's wet-disk brakes require no pad adjustment.



Clog-Free Radiator Fins

An improved radiator fin design reduces the chance of clogging and fin damage, and provides easier cleaning.