

# WHEEL LOADER

# WA120-3

## ***ADVANCE LOADER***

FLYWHEEL HORSEPOWER: 85 HP 63 kW @2400 RPM

BUCKET CAPACITIES: 1.2~1.7m<sup>3</sup> 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**

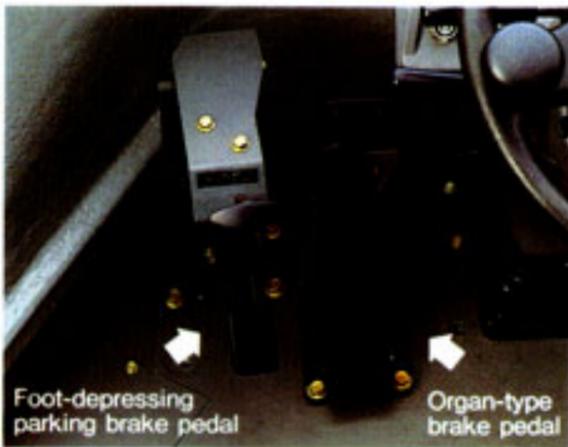
The cab rests on rubber mounts to reduce noise and vibration transmission to the cab and hence reduce operator fatigue.

## **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 fingertouch. 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

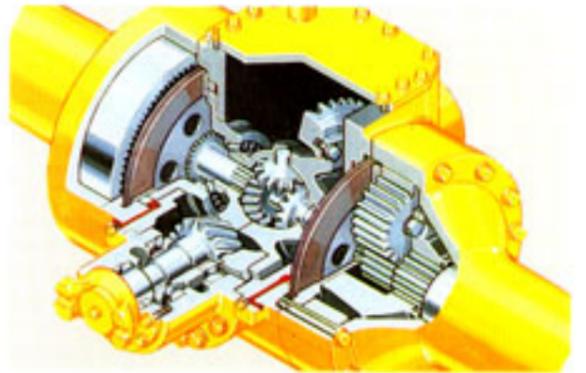
Most exterior plates are treated with a cation electro-deposition undercoat and melamine baked final paint for rust resistance and longer service life. In addition, some exterior components employ resin.

## 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.