

KOMATSU®

CD110R-2

FLYWHEEL HORSEPOWER
182 kW **244 HP** @ 1900 rpm

OPERATING WEIGHT
15,600 kg **34,390 lb**

Utility

**CD
110R**



CRAWLER CARRIER

Photo may include optional equipment.
The rubber shoe (tread pattern) shown in the photo is different from that of the standard model.

GALEO

PRODUCTIVITY FEATURES

High efficiency hauling operation on uneven and soft grounds

A Full 360 Degree Rotation Capability; Forward-Facing Operator Position Under Any Conditions: Minimizes Space Required for Turn-Arounds

The ability of the cab and dump body integrated upperstructure to rotate 360 degrees enables dumping at any angle, while minimizing site-damage. This results in minimal wear of undercarriage, due to reduced steering necessity. The full rotation capability means the operator can always execute jobs in a forward-facing position, leading to dramatically enhanced speed of operation, without sacrificing comfort.

Feature 1: Superb low ground pressure

Advantage

- Does not bog down in wet & swampy areas
- Keep working on rainy days

Ground pressure

- Unloaded 0.25 kg/cm² 3.6 psi
- Loaded 0.43 kg/cm² 6.1 psi



Feature 2: Excellent gradeability Relatively short haul distance

Advantage

- Faster climbing speed on steep slopes
- Reduced slippage in wet conditions
- Eliminates need for road maintenance machines



Feature 3: Extra space for turn-arounds not required

Advantage

- Able to work in confined areas
- Always keep forward-facing operation
- Minimize ground disturbance
- Longer rubber shoe life



Feature 4: Easy to side dump

Advantage

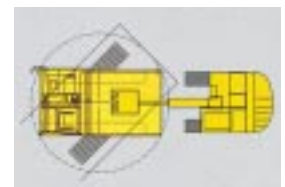
- Easy to dump materials along road e.g. Pipe laying, Smooth spreading



Feature 5: Easy positioning for loading

Advantage

- Easy to load material from any direction



Applications

Environmental Jobs

- Marsh/creek maintenance
- Creek/stream restoration
- Road building in forestry applications
- Reclamation of lakes
- Rip/rap for bank protection

Residential housing site preparation

- Pond building
- Garden expansion
- Hauling materials

Utility Jobs

- Hauling gravel, etc. in wetlands/variable terrain
- Piping installation along forestry roads

Others

- Golf course building



High-performance and operator comfort

Improved travel performance

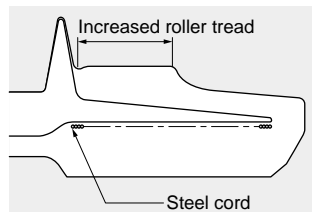
Travel performance on soft ground and slopes is greatly improved by reducing the operating weight, increasing the drawbar pull, and reducing the ground pressure. Productivity and ability to travel on soft ground and slopes are vastly improved.

Automatic high-low down-shift function

If the travel load increases when the machine is traveling in the high-speed range, the transmission gear automatically down-shifts to the low speed range to increase the drive force.

Long-life rubber shoe

The newly developed rubber shoe has a wider roller tread and more steel cords for higher durability. It also has a new tread pattern to obtain the same drawbar pull in both forward and reverse travel directions.



Track frame

The carrier roller design reduces the accumulation and packing of mud, snow, soil, etc. and extends the life of the rubber track and carrier roller.



Large wide cab

Komatsu's large cab meets ISO working space standards to provide secure, safe, and comfortable operation. The wide entrance provides easy entry and exit for various size operators.



Advanced cab features

The CD110R-2 offers all the conveniences an operator could want. Superior ventilation and air conditioning are standard equipment. Excellent seating position and well placed low effort controls make work easy on any job site.

Easy dumping by foot pedal operation

Hand levers and joysticks are used to control forward/reverse direction and the rotation of the upperstructure. Dumping is controlled by a foot pedal allowing effective, well-balanced use of both hands and feet.

Excellent safety, reliability, and durability

The engine is Tier 2 EPA, EU, and Japan emissions certified.

ROPS / FOPS

The CD110R-2 is equipped with ROPS and FOPS to protect the operator from falling objects or in the event of a rollover.

Field-proven hydraulic components

The CD110R-2 incorporates the most advanced hydraulic components in the market today by utilizing field-proven Komatsu hydraulic excavator technology. Rotation and control functions offer excellent performance with unmatched reliability.

Strong and deformation-resistant dump body

The dump body is made of high tensile strength steel and reinforced with ribs to prevent deformation.

