

# KOMATSU®

## CD60R-1A

**NET HORSEPOWER**  
99 kW **133 HP** @ 2000 rpm

**PAYLOAD**  
6000 kg **13,230 lb**

**OPERATING WEIGHT**  
(Without Payload)  
8500 kg **18,740 lb**



**CD  
60R**

CRAWLER CARRIER



Photos may include optional equipment.

# WALK-AROUND

## ***World Class Komatsu Quality***

35 years of experience and technology is manufactured into every crawler carrier. Komatsu's ISO certification and critical quality control ensure that every crawler carrier will satisfy the most demanding customer. From design to production, from sales to service, Komatsu means total quality.

## ***Advanced Cab Features***

The CD60R offers all the conveniences an operator could want. Superior ventilation combined with excellent seating position and well placed low effort controls make work easy on any job site.

## ***A Full 360 Degree Rotation Capability; Forward-Facing Operator Position Under Any Conditions: No Space Required for U-Turns.***

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

## ***Field-Proven Hydraulic Components***

The CD60R 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.

## ***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 foot pedal allowing effective, well-balanced use of both hands and feet.

## ***Automatic Parking Brake***

When the CD60R comes to a stop, the parking brake will be automatically activated. When in operation, the parking brake will automatically disengage.

## ***High/Low Automatic Transmission***

In cases where the load increases during high-speed travel, the transmission will automatically shift down to low-speed range, providing optimum driving force.



# SPECIFICATIONS



## ENGINE

Model ..... Komatsu S6D102E1A  
 Type ..... Water-cooled, 4-cycle  
 Aspiration ..... Turbocharged  
 Number of cylinders ..... 6  
 Bore x stroke ..... 102 mm x 120 mm **4.0" x 4.7"**  
 Piston displacement ..... 5.9 ltr **359 in³**  
 Horsepower rating @ 2000 rpm (SAE J1349)  
 Net horsepower ..... 99 kW **133 HP**  
 Fuel system ..... Direct injection  
 Electrical system ..... 4.5kW/24 V  
 Batteries ..... 110 Ah/2 X 12 V  
 Air cleaner ..... Dry-type, dual element with automatic dust evacuator



## TRANSMISSION

Two speed hydrostatic transmission with differential planetary reduction.

Travel speed	Forward	Reverse
1st	0–6.0 km/h <b>0–3.7 mph</b>	0–6.0 km/h <b>0–3.7 mph</b>
2nd	0–8.5 km/h <b>0–5.3 mph</b>	0–8.5 km/h <b>0–5.3 mph</b>



## UNDERCARRIAGE

Bogie type with rubber track for excellent ride and flotation. Track tension is easily adjusted with grease gun.

Suspension ..... Bogie type  
 Track frame . . . box-section, high tensile strength steel construction  
 Track shoes. . Steel reinforced rubber track, mono-block rubber shoe  
 Track shoe width ..... 600 mm **24.0"**  
 Number of carrier rollers ..... 4 each side  
 Number of track rollers ..... 8 each side



## OPERATING WEIGHT

Net weight-unloaded ..... 8500 kg **18,740 lb**  
 Gross weight-loaded ..... 14580 kg **32,150 lb**  
 Ground pressure (unloaded) ..... 0.22 kg/cm **3.1 psi**



## STANDARD EQUIPMENT

- Adjustable operators' seat
- Alternator condition indicator light
- Decelerator pedal
- Dump body control lever
- Dump body without tailgate
- Engine coolant temperature gauge
- Engine oil pressure indicator light
- Engine pre-heat with indicator light
- Front driving lights (2)
- Fuel gauge
- Horn
- Hour meter
- Hydrostatic charge pressure indicator light
- Operator controls lock lever
- Parking brake
- Rear view mirrors (2)
- Reverse travel indicator light
- ROPS/FOPS canopy
- Seat belt, 76 mm **3"**
- Swing control lever with indicator light
- Swing lock switch with indicator light
- Tachometer
- Tool Box
- Travel alarm
- Travel speed selector switch
- Two independent track control travel levers
- Upper structure centering indicator light



## OPTIONAL EQUIPMENT

- Enclosed cab with front and side opening glass
- Heater and defroster
- Windshield wiper and washer



## BRAKES

Travel:

Service Brake ..... Dynamic with hydraulic lock  
 Parking Brake ..... Wet, sealed, multiple disc  
 (Parking brake engages automatically when machine is stopped)

Swing:

Service Brake ..... Hydraulic lock  
 Holding Brake ..... Wet, sealed, multiple disc



## PERFORMANCE

Maximum Payload ..... 6000 kg **13,230 lb**  
 Dump body capacity, struck ..... 2.0 m³ **2.6 yd³**  
 Dump body capacity, heaped ..... 3.2 m³ **4.2 yd³**  
 Gradeability (unloaded) ..... 30°  
 Maximum dumping angle ..... 58°  
 Dump body, dump speed ..... 8.1 sec.  
 Dump clearance ..... 930 mm **3'1"**  
 Upper structure swing radius ..... 2695 mm **8'10"**  
 Upper structure swing speed ..... 4 rpm



## HYDRAULICS

System ..... Variable displacement axial piston pump  
 Hydraulic pressure ..... 175 kg/cm² **2490 psi**



## COOLANT AND LUBRICANT CAPACITY (REFILLING)

Coolant ..... 20 ltr **5.3 U.S. gal**  
 Fuel tank ..... 130 ltr **34.3 U.S. gal**  
 Engine oil ..... 19 ltr **5.0 U.S. gal**  
 Hydraulic system ..... 45 ltr **11.9 U.S. gal**  
 Final drive (each side) ..... 2.1 ltr **0.6 U.S. gal**

