

# KOMATSU

## WB93R-8

EU Stage IV Engine

RIGID BACKHOE LOADER

PRELIMINARY



# WB93R

**ENGINE POWER**

75 kW / 102 HP @ 2.200 rpm

**OPERATING WEIGHT**

8.130 kg

**STD. BUCKET CAPACITY**

1,03 m<sup>3</sup> (loader)



**NEW** *New styling, state of the art Komatsu design*

**NEW** *KOMTRAX 3G mobile communications and increased operational data*

**NEW** *Improved operator comfort & safety*

**NEW** *Extended service intervals*

**NEW** *Unrivalled front visibility by lateral exhaust pipe*

**NEW** *Low consumption EU Stage IV engine*

**NEW** *Improving fuel efficiency by E-mode and fan clutch*

**NEW** *New monitoring system with Eco gauge*

**NEW** *Up to 3% lower fuel consumption (vs. WB93R-5)*

## ENGINE

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| Type                  | Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel |
| Engine power          |                                                                                             |
| ISO 14396             | 75 kW / 102 HP                                                                              |
| at rated engine speed | 2.200 rpm                                                                                   |
| No. of cylinders      | 4                                                                                           |
| Displacement          | 3,4 l                                                                                       |

## ENVIRONMENT

|                  |                                                              |
|------------------|--------------------------------------------------------------|
| Engine emissions | Fully complies with EU Stage IV exhaust emission regulations |
|------------------|--------------------------------------------------------------|

## DIMENSIONS & TRAVEL PERFORMANCE

|                             |          |
|-----------------------------|----------|
| Overall width               | 2.320 mm |
| Overall height (top of cab) | 2.900 mm |
| Overall length              | 5.817 mm |
| Turning radius over bucket  | 4.350 mm |
| Min. turning radius         | 3.200 mm |
| Max. travel speed           | 40 km/h  |

## LOADER

|                                              |          |
|----------------------------------------------|----------|
| Lifting capacity at maximum height           | 3.900 kg |
| Lifting capacity at ground level (ISO 14397) | 5.300 kg |
| Breakout force (ISO 14397)                   | 6.500 kg |
| Max. digging depth                           | 137 mm   |
| Dumping reach                                | 724 mm   |
| Hinge pin height                             | 3.428 mm |
| Max. dumping clearance                       | 2.778 mm |

## BACKHOE

|                              |          |
|------------------------------|----------|
| Max. digging depth (SAE)     | 5.369 mm |
| Max. loading reach (SAE)     | 3.816 mm |
| Max. reach ground level      | 6.767 mm |
| Max. digging height          | 6.497 mm |
| Max. dumping height          | 4.550 mm |
| Max. digging force of bucket | 6.100 kg |
| Max. digging force of arm    | 4.000 kg |