


# RD40-130 DPF

## Tandem roller

Powerful and versatile

The articulated RD40 is a powerful roller that offers balanced weight distribution on the front and rear drum which provides very even compaction results. It offers high degree of driving stability and is easy to maneuver. Additionally, the excellent view compacted area and the large drum diameter contribute to first-class results. The ROPS roll-over protective structure, which can be folded away to the rear for transport, makes for a safer working environment.

## Highlights

- Ergonomic work platform
- Uniform operating concept
- Large line-of-sight, compact construction

## Technical Data

### Mechanical - Output Details

| | |
|---|---|
| Gradeability | 30.0 % |
| Gradeability max. (without vibration) | 40.0 % |
| Travel speed | 0.0 - 11.0 km/h |
| Static linear load (front) | 1.63 kg/mm |
| Linear load with vibration Level I (rear) | 6.53 kg/mm |
| Linear load with vibration Level II (rear) | 4.57 kg/mm |
| Compaction force Level I (front) | 84 kN |
| Compaction force Level II (front) | 59 kN |
| Compaction force I (rear) | 83 kN |
| Compaction force II (rear) | 58 kN |
| Vibration frequency Level I (front) | 60.0 Hz |
| Vibration frequency Level II (front) | 51.0 Hz |
| Vibration frequency Level I (rear) | 60.0 Hz |
| Vibration frequency Level II (rear) | 51.0 Hz |
| Amplitude Level I (front) | 0.5100 mm |
| Amplitude Level II (front) | 0.3100 mm |
| Amplitude Level II (rear) | 0.3100 mm |
| Centrifugal force Level I (front) | 64 kN |
| Centrifugal force Level I (rear) | 64 kN |

### Mechanical Details

| | |
|---|---|
| Length | 2,965.0 mm |
| Width | 1,426.0 mm |
| Height | 2,590.0 mm |
| Operating weight | 4,165.0 kg |
| Dry Weight | 3,910.0 kg |
| Gross vehicular weight | 4,340.0 kg |
| Curb clearance right | 63.0 mm |
| Curb clearance left | 63.0 mm |
| Operating width | 1,300.0 mm |
| Ground clearance | 305.0 mm |
| Turning radius inside | 2,690.0 mm |
| Operating weight with roll-over protective structure | 4,165.0 kg |
| Operating weight with cabin | 4,415.0 kg |
| Wheelbase | 1,950.0 mm |
| Operating weight, max. | 5,360.00 kg |
| Curb clearance (left) | 720.0 mm |
| Curb clearance (right) | 720.0 mm |
| Total height with cabin | 2,720.0 mm |
| Empty weight with cabin | 4,170.0 kg |
| Empty weight with ROPS | 3,910.0 kg |
| Turning radius outside | 3,990.0 mm |
| Drum width (front) | 1,300.0 mm |
| Drum width (rear) | 1,300.0 mm |
| Drum diameter (front) | 900.0 mm |

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.


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| | |
|---|---|
| Drum diameter (rear) | 900.0 mm |
| Drum thickness (front) | 17.0 mm |

## Engine

| | |
|---|---|
| Cylinder capacity | 2,434.0 cm³ |
| Effective power | 37.4 kW |
| Nominal Engine speed | 2,700.0 1/min |
| Standard (Effective power) | ISO 14396 |
| Starter battery Voltage | 12.0 V |
| Battery capacity (nom. value) | 95.0 Ah |
| Engine Manufacturer | Kubota |
| Engine Designation | V2403-CR |

## Environment Data

| | |
|---|---|
| Sound level LpA | 88.0 dB(A) |
| Sound power LWA, guaranteed | 104.0 dB(A) |
| Exhaust aftertreatment | DOC-DPF |
| Catalyst | yes |
| Particle filter | yes |
| CO (NRTC) | 0.1 g/KWh |
| CO2 (NRTC) | 834.6 g/KWh |
| HC + NOx (NRTC) | 3.0 g/KWh |
| PM (NRTC) | 0.0 g/KWh |

## Operating Fluids

| | |
|---|---|
| Water tank capacity | 285.0 l |
| Fuel Tank capacity | 73.0 l |

## Chassis

| | |
|---|---|
| Pendulum angle +/- | 8.0 ° |

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