



**WACKER
NEUSON**
all it takes!



RC50p US

Single-drum roller

Unrestricted view of the work field and easy operation

A perfect view in all directions makes working with Wacker Neuson single drum rollers safer and also more comfortable. Thanks to the compact design and specially-shaped engine hood, the operator always has the working area and the drums in view from his seat. The simple operation via an intuitively-designed display and joystick also make working easier and ensure that the operator is familiar with the machine in no time.

Highlights

- Padded (sheepsfoot) drum
- Ergonomic work platform
- Uniform operating concept
- Large line-of-sight, compact construction

Technical Data

■ Mechanical - Output Details

| | |
|--|---------------|
| Gradeability | 55.0 % |
| Gradeability max. (without vibration) | 60.0 % |
| Travel speed | 0.0 - 7.8 m/H |
| Linear load with vibration Level I (front) | 388.20 lb/in |
| Compaction force Level I (front) | 20,907 lbf |
| Vibration frequency Level I (front) | 30.0 Hz |
| Centrifugal force Level I (front) | 15,512 lbf |

■ Mechanical Details

| | |
|--|-------------|
| Length | 159.1 " |
| Height Ramming shoe | 3.1 " |
| Operating weight | 11,364.8 lb |
| Dry Weight | 11,078.2 lb |
| Gross vehicular weight | 11,464.0 lb |
| Curb clearance right | 2.6 " |
| Curb clearance left | 2.6 " |
| Operating width | 53.9 " |
| Turning radius inside | 132.9 " |
| Operating weight with roll-over protective structure | 10,879.8 lb |
| Operating weight with cabin | 11,364.8 lb |
| Wheelbase | 85.4 " |
| Ramming shoes (Number) | 60.0 |

| | |
|-------------------------|--------------|
| Operating weight, max. | 12,191.57 lb |
| Curb clearance (left) | 13.0 " |
| Curb clearance (right) | 13.0 " |
| Total height with cabin | 112.9 " |
| Total height with ROPS | 110.6 " |
| Empty weight with cabin | 11,078.2 lb |
| Empty weight with ROPS | 10,593.2 lb |
| Slope angle (front) | 43.0 ° |
| Slope angle (rear) | 36.0 ° |
| Turning radius outside | 186.8 " |

■ Engine

| | |
|-------------------------------|---------------|
| Cylinder capacity | 203.3 Inch3 |
| Effective power | 74.3 hp |
| Nominal Engine speed | 2,200.0 1/min |
| Standard (Effective power) | ISO 14396 |
| Starter battery Voltage | 12.0 V |
| Battery capacity (nom. value) | 152.0 Ah |
| Engine Manufacturer | Kubota |
| Engine Designation | V3307-CR-T |

■ Environment Data

| | |
|-----------------------------|-------------|
| Sound level LpA | 87.0 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) | 807.2 g/KWh |
| HC + NOx (NRTC) | 3.0 g/KWh |
| PM (NRTC) | 0.0 g/KWh |

■ Operating Fluids

| | |
|--------------------|-------------|
| Fuel Tank capacity | 32.5 gal US |
|--------------------|-------------|

■ Chassis

| | |
|----------------------------|-----------------|
| Pendulum angle +/- | 10.0 ° |
| Width over tires (rear) | 59.1 " |
| Number of tires (rear) | 2.0 |
| Wheel size (rear) | TR 12.4-24 8 PR |
| Wheel load per tire (rear) | 2,656.6 lb |