



## WL 30

Wheel Loaders: bucket capacity < 0.65 m<sup>3</sup>



### WL 30 Articulated Wheel Loader

The WL 30 articulated wheel loader is the ideal machine for year round applications. The reliable and environmentally friendly unit delivers extremely high performance even under continuous use. The spacious cab offers all the creature comforts necessary to reduce operator fatigue and increase productivity. The rugged unit offers unmatched performance while protecting the environment with low emissions. The WL 30 features excellent break-out force, digging, and lifting capabilities along with high dump heights.

- Universal style quick hitch and standard auxiliary hydraulics for use with multiple attachments.
- Hydrostatic four-wheel drive and articulated steering with 45-degree articulation allows the operator to point the attachment in the direction of travel.
- The tilting driver's cab provides optimum service access
- Operators station is easily accessible from both sides for added convenience. Choice of canopy or cab.
- Excellent visibility; infinitely adjustable steering column; platform is side tilting for better serviceability



## Technical specifications

|   | <b>Canopy</b> | <b>Cabin</b> |
|---|---------------|--------------|
| <b>Engine / Motor</b>                                     |               |              |
| Engine / Motor manufacturer                               | Perkins       | Perkins      |
| Engine / Motor type                                       | 404 D-22      | 404 D-22     |
| Cylinder  | 4             | 4            |
| Engine performance hp                                     | 48            | 48           |
| at rpm maximum rpm  | 2,600         | 2,600        |
| Displacement in <sup>3</sup>                              | 135           | 135          |
| Coolant type  | Water         | Water        |
| <b>Operating data and Weights</b>                         |               |              |
| Operating weight lb                                       | 6,724         | 6,878        |
| Speed Level 1 mph   | 0-4.6         | 0-4.6        |
| Speed Level 2 mph   | 0-12.4        | 0-12.4       |
| Bucket capacity Standard bucket yd <sup>3</sup>           | 0.59          | 0.59         |
| Lifting force maximum lb                                  | 7,259         | 7,259        |
| Breakaway force maximum lbf                               | 9,089         | 9,089        |
| Tipping load with bucket - machine straight lb            | 4,215         | 4,438        |
| Tipping load with pallet fork - machine straight lb       | 3,389         | 3,583        |
| Tipping load with bucket - machine at angle lb            | 3,583         | 3,779        |
| Tipping load with pallet fork - machine at angle lb       | 2,866         | 3,036        |
| Tipping load with bucket - machine at angle (40°) lb      | 3,583         | 3,779        |
| Tipping load with pallet fork - machine at angle (40°) lb | 2,866         | 3,036        |
| <b>Hydraulic system</b>                                   |               |              |
| Driving hydraulics - operating pressure psi               | 6,527         | 6,527        |
| Driving hydraulics - discharge capacity US gpm            | 20.6          | 20.6         |
| Operating hydraulics - operating pressure psi             | 3,046         | 3,046        |
| Operating hydraulics - discharge capacity US gpm          | 12.9          | 12.9         |
| <b>Filling capacities</b>                                 |               |              |
| Tank capacity (fuel) US gal                               | 14            | 14           |
| Engine oil US qt  | 8.8           | 8.8          |
| Hydraulic oil tank US qt                                  | 33.8          | 33.8         |
| Hydraulic system US qt                                    | 42.3          | 42.3         |
| Coolant US qt   | 12            | 12           |



|  | <b>Canopy</b> | <b>Cabin</b> |
|--|---------------|--------------|
| Front axle US qt                                 | 3.4           | 3.4          |
| Rear axle US qt                                  | 4.1           | 4.1          |
| <b>Electrical system</b>                         |               |              |
| Operating voltage V                              | 12            | 12           |
| Battery Ah                                       | 77            | 77           |
| Alternator A                                     | 65            | 65           |
| Cabin - specified sound pressure level LpA dB(A) | 85            | 85           |
| Sound level (LwA) dB(A)                          | 101           | 101          |

Standard bucket = digging bucket, width 1400 mm

**Dimensions**

|   |   |          |
|---|---|----------|
| A | Overall length                              | 179 in   |
| B | Overall length without bucket               | 148 in   |
| C | Bucket pivot point to axle center           | 28.4 in  |
| D | Wheelbase                                   | 68 in    |
| E | Rear overhang                               | 46.4 in  |
| F | Height with driver's canopy                 | 87.8 in  |
| F | Height with folding driver's canopy         | 92.3 in  |
| F | Height with folding driver's canopy, folded | 72 in    |
| F | Height with cab                             | 88.6 in  |
| H | Seat height                                 | 49.4 in  |
| J | Total operating height                      | 160.2 in |
| K | Bucket pivot point max.stroke height        | 126.3 in |
| L | Overhead loading height                     | 117.7 in |
| M | Dumping height                              | 95 in    |
| N | Range at M                                  | 13 in    |
| O | Scraping depth                              | 1 in     |
| P | Overall width                               | 53 in    |
| Q | Track width                                 | 37 in    |
| S | Ground clearance                            | 10.3 in  |
| T | Radius maximum                              | 136 in   |
| U | Radius at outer edge                        | 121 in   |
| V | Inside turning radius                       | 67.5 in  |
| W | Articulation angle                          | 40 °     |
| X | Reverse roll angle at max.stroke height     | 50 °     |
| Y | Tip-out angle maximum                       | 43 °     |
| Z | Reverse roll angle at ground level          | 43 °     |



**WACKER  
NEUSON**

**Please note**

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

Copyright © 2014 Wacker Neuson SE.