



## 2080T

### Telescopic wheel loaders

#### Technical Data

##### ■ Standard engine data

|  |                        |
|--|------------------------|
| Engine manufacturer                        | Deutz                  |
| Motor type                                 | TD 2.9 L4 S5           |
| Cylinder                                   | 4                      |
| Drive output                               | 45 kW                  |
| Drive output                               | 61 HP                  |
| at max. rpm                                | 2,300 rpm              |
| Cylinder capacity                          | 176.97 in <sup>3</sup> |
| Type of coolant                            | Water                  |
| Exhaust standard level                     | V                      |
| Exhaust aftertreatment                     | DOC/DPF                |
| Average sound power level LwA (cabin)      | 98.8 dB(A)             |
| Guaranteed sound power level LwA (cabin)   | 100 dB(A)              |
| Specified sound pressure level LpA (cabin) | 74 dB(A)               |

##### ■ Engine data Option 1

|  |                        |
|--|------------------------|
| Engine manufacturer                        | Deutz                  |
| Motor type                                 | TCD 2.9 L4 S5          |
| Cylinder                                   | 4                      |
| Drive output                               | 55.4 kW                |
| Drive output                               | 75 HP                  |
| at max. rpm                                | 2,300 rpm              |
| Cylinder capacity                          | 176.97 in <sup>3</sup> |
| Type of coolant                            | Water/charge air       |
| Exhaust standard level                     | V                      |
| Exhaust aftertreatment                     | DOC/DPF                |
| Average sound power level LwA (cabin)      | 100 dB(A)              |
| Guaranteed sound power level LwA (cabin)   | 101 dB(A)              |
| Specified sound pressure level LpA (cabin) | 77 dB(A)               |

##### ■ Electrical system

|                   |      |
|-------------------|------|
| Operating voltage | 12 V |
|-------------------|------|

|         |        |
|---------|--------|
| Battery | 100 Ah |
|---------|--------|

|            |      |
|------------|------|
| Alternator | 95 A |
|------------|------|

##### ■ Weights

|  |           |
|--|-----------|
| Operating weight   | 10,141 lb |
| Tipping load with bucket – machine straight, loading frame horizontal      | 5,983 lb  |
| Tipping load with bucket – machine pivoted, loading frame horizontal       | 4,982 lb  |
| Tipping load with bucket – machine straight (extended)                     | 3,444 lb  |
| Tipping load with bucket – machine pivoted (extended)                      | 2,855 lb  |
| Tipping load with pallet fork – machine straight, loading frame horizontal | 5,254 lb  |
| Tipping load with pallet fork – machine pivoted, loading frame horizontal  | 4,407 lb  |
| Tipping load with pallet fork – machine straight (extended)                | 3,208 lb  |
| Tipping load with pallet fork – machine pivoted (extended)                 | 2,674 lb  |

##### ■ Driver's cab

|              |     |
|--------------|-----|
| Driver's cab | Cab |
|--------------|-----|

##### ■ Filling levels

|                                 |              |
|---------------------------------|--------------|
| Tank capacity for fuel          | 19.81 US gal |
| Tank capacity for hydraulic oil | 13.21 US gal |

##### ■ Drive system

|                       |   |
|-----------------------|---|
| Type of drive         | Hydrostatic   |
| drive unit            | universal joint shaft   |
| Speed levels          | 2   |
| Axle                  | PA 1200   |
| Travel speed Standard | 0-12,43 mph   |
| Travel speed Option 1 | 0-17,40 mph   |
| Operating brake       | Hydrostatic drive system acting on all 4 wheels (wear-free)       |
| Parking brake         | Service and parking brake in the drive train acts on all 4 wheels |
| Differential lock     | 100 % front axle + rear axle                                      |

### ■ Hydraulic system

|  |                   |
|--|-------------------|
| Drive hydraulics working pressure (max.) | 6527 psi          |
| Work hydraulics discharge volume (max.)  | 15,19 (19,55) gpm |
| Work hydraulics working pressure (max.)  | 3408 psi          |

### ■ Kinematics

|                     |           |
|---------------------|-----------|
| Lifting cylinder    | 1         |
| Tipping cylinder    | 1         |
| Quick change system | hydraulic |

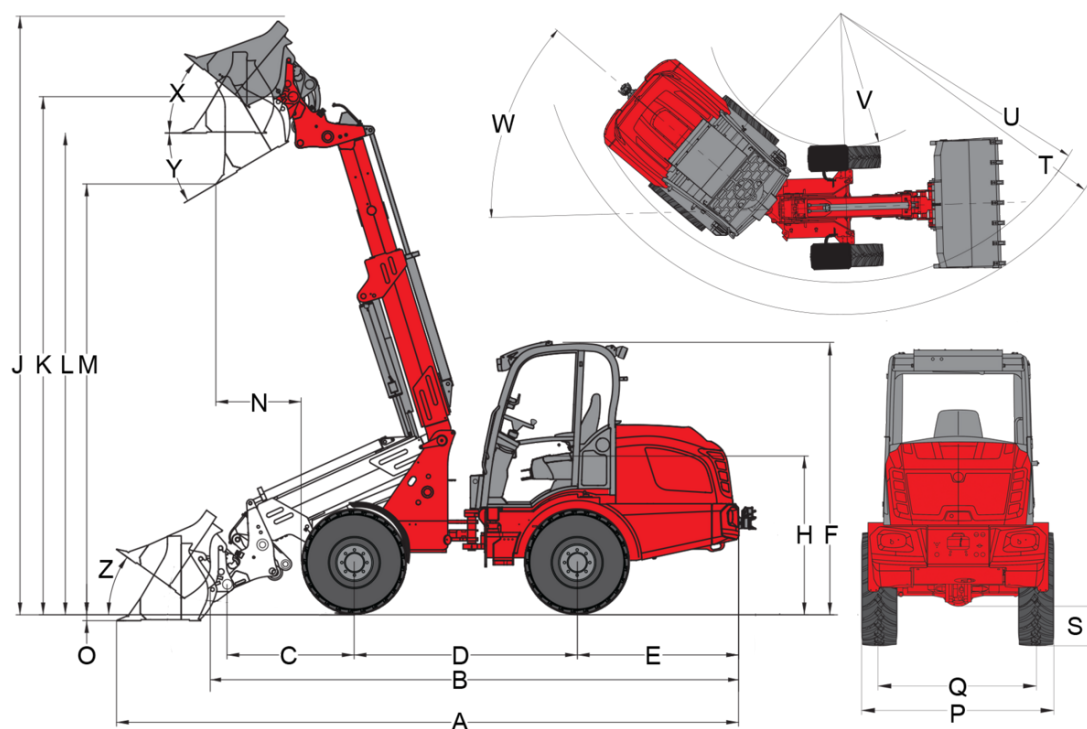
### ■ Steering

|                   |   |
|-------------------|---|
| Steering type     | Hydraulically activated articulated pendulum steering |
| Steering cylinder | 1   |
| Oscillating angle | ±12 degree  |

### ■ Other information

FSD = operator's canopy  
DPF = diesel particulate filter  
DOC = diesel oxidation catalyst  
SCR = selective catalytic reduction  
Tipping load calculation according to ISO 14397

## Dimensions



### Telescopic arm (Z-kinematics)

|           |   |                        |
|-----------|---|------------------------|
|           | Standard components                       | 11.5/80 - 15.3 AS ET40 |
| <b>A</b>  | Total length                              | 216.5 in               |
| <b>B</b>  | Total length without bucket               | 165.0 in               |
| <b>C</b>  | Bucket pivot point (to center of axle)    | 26.8 in                |
| <b>D</b>  | Wheel base                                | 80.7 in                |
| <b>E</b>  | Rear overhang                             | 55.9 in                |
| <b>F</b>  | Height with lowered operator's canopy     |                        |
|           | Height with operator's canopy raised      |                        |
|           | Height with cab lowered                   | 92.9 in                |
|           | Height with cab raised                    | 100.0 in               |
|           | Height with cab                           |                        |
| <b>H</b>  | Seat height                               | 56.3 in                |
| <b>J</b>  | Total working height                      | 200.0 in               |
| <b>K</b>  | Bucket pivot point (max. lift height)     | 168.9 in               |
| <b>L1</b> | Load-over height telescopic arm retracted |                        |
| <b>L</b>  | Load-over height telescopic arm extended  | 155.1 in               |
|           | Load-over height                          |                        |
| <b>M1</b> | Dumping height telescopic arm retracted   |                        |
| <b>M</b>  | Dumping height                            |                        |
|           | Dumping height telescopic arm extended    | 133.9 in               |
| <b>N</b>  | Reach (at M)                              | 35.0 in                |
| <b>O</b>  | Digging depth                             | 5.9 in                 |
| <b>P</b>  | Total width                               | 55.5 in                |
| <b>Q</b>  | Track width                               | 44.1 in                |
| <b>S</b>  | Ground clearance                          | 11.8 in                |
| <b>T</b>  | Maximum radius                            | 150.8 in               |
| <b>U</b>  | Radius on the outer edge                  | 130.7 in               |
| <b>V</b>  | Inner radius                              | 68.1 in                |
| <b>W</b>  | Articulation angle                        | 45 °                   |
| <b>X</b>  | Rollback angle at max. lift height        | 40 °                   |
| <b>Y</b>  | Dumping angle                             | 33 °                   |
| <b>Z</b>  | Rollback angle on ground                  | 32 °                   |

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.