

# 966H/972H

## Wheel Loaders



|   | 966H  | 972H  |
|---|---|---|
| <b>Engine Model</b>                               | Cat® C11 ACERT™                                       | Cat C13 ACERT   |
| <b>Net Power @ 1,800 rpm – ISO 9249/SAE J1349</b> | 194 kW (260 hp)                                       | 212 kW (285 hp)                                       |
| <b>Gross Power @ 1,800 rpm – ISO 14396</b>        | 209 kW (281 hp)                                       | 228 kW (305 hp)                                       |
| <b>Gross Power @ 1,800 rpm – SAE J1995</b>        | 213 kW (286 hp)                                       | 232 kW (311 hp)                                       |
| <b>Peak Net Torque @ 1,400 rpm – ISO 14396</b>    | 1299 N·m (958 lbf-ft)                                 | 1414 N·m (1,043 lbf-ft)                               |
| <b>Bucket Capacities</b>                          | 3.40-4.60 m <sup>3</sup> (4.45-6.02 yd <sup>3</sup> ) | 4.00-5.00 m <sup>3</sup> (5.23-6.54 yd <sup>3</sup> ) |
| <b>Operating Weight</b>                           | 23 125 kg (50,912 lb)*                                | 25 173 kg (55,480 lb)**                               |

\*For 4.0 m<sup>3</sup> (5.2 yd<sup>3</sup>) general purpose bucket with BOCE.

\*\*For 4.6 m<sup>3</sup> (6.0 yd<sup>3</sup>) general purpose bucket with BOCE.

**NOTE:** The horsepower (hp) provided is imperial horsepower.

# 966H/972H Wheel Loaders Specifications

## Engine – 966H

| Engine Model                | Cat C11 ACERT |                     |
|-----------------------------|---------------|---------------------|
| Net Power @ 1,800 rpm       |               |                     |
| ISO 9249/SAE J1349          | 194 kW        | 260 hp              |
| Gross Power @ 1,800 rpm     |               |                     |
| ISO 14396                   | 209 kW        | 281 hp              |
| SAE J1995                   | 213 kW        | 286 hp              |
| Peak Net Torque @ 1,400 rpm |               |                     |
| ISO 14396                   | 1299 N·m      | 958 lbf-ft          |
| Bore                        | 130 mm        | 5 in                |
| Stroke                      | 140 mm        | 6 in                |
| Displacement                | 11.1 L        | 677 in <sup>3</sup> |

- The horsepower (hp) provided is imperial horsepower.
- Caterpillar engine with ACERT™ Technology – EPA Tier 3, EU Stage III Compliant
- These ratings apply at 1,800 rpm when tested under the specified standard conditions.
- Rating for net power advertised based on power available when the engine is equipped with alternator, air cleaner, muffler and on-demand hydraulic fan drive at maximum fan speed.

## Weights – 966H

|                  |           |           |
|------------------|-----------|-----------|
| Operating Weight | 23 125 kg | 50,912 lb |
|------------------|-----------|-----------|

- For 4.0 m<sup>3</sup> (5.2 yd<sup>3</sup>) general purpose bucket with BOCE.

## Buckets – 966H

|                         |                          |                           |
|-------------------------|--------------------------|---------------------------|
| Bucket Capacities       | 3.40-4.60 m <sup>3</sup> | 4.45-6.02 yd <sup>3</sup> |
| Maximum Bucket Capacity | 5.06 m <sup>3</sup>      | 6.62 yd <sup>3</sup>      |

## Operating Specifications – 966H

|   |           |            |
|---|-----------|------------|
| Breakout Force                                      | 185 kN    | 41,695 lbf |
| Static Tipping Load, Full Turn (ISO)                | 14 028 kg | 30,918 lb  |
| Static Tipping Load, Full Turn (No Tire Deflection) | 15 298 kg | 33,718 lb  |

- For 4.0 m<sup>3</sup> (5.2 yd<sup>3</sup>) general purpose bucket with BOCE.

## Transmission – 966H

|           |           |          |
|-----------|-----------|----------|
| Forward 1 | 6.7 km/h  | 4.2 mph  |
| Forward 2 | 12.6 km/h | 7.8 mph  |
| Forward 3 | 22.1 km/h | 13.7 mph |
| Forward 4 | 37.4 km/h | 23.2 mph |
| Reverse 1 | 7.4 km/h  | 4.6 mph  |
| Reverse 2 | 13.9 km/h | 8.6 mph  |
| Reverse 3 | 24.3 km/h | 15.1 mph |
| Reverse 4 | 37.4 km/h | 23.2 mph |

- Maximum travel speeds (26.5-25 tires).

## Engine – 972H

| Engine Model                | Cat C13 ACERT |                     |
|-----------------------------|---------------|---------------------|
| Net Power @ 1,800 rpm       |               |                     |
| ISO 9249/SAE J1349          | 212 kW        | 285 hp              |
| Gross Power @ 1,800 rpm     |               |                     |
| ISO 14396                   | 228 kW        | 305 hp              |
| SAE J1995                   | 232 kW        | 311 hp              |
| Peak Net Torque @ 1,400 rpm |               |                     |
| ISO 14396                   | 1414 N·m      | 1,043 lbf-ft        |
| Bore                        | 130 mm        | 5 in                |
| Stroke                      | 157 mm        | 6 in                |
| Displacement                | 12.5 L        | 763 in <sup>3</sup> |

- The horsepower (hp) provided is imperial horsepower.
- Caterpillar engine with ACERT Technology – EPA Tier 3, EU Stage III Compliant
- These ratings apply at 1,800 rpm when tested under the specified standard conditions.
- Rating for net power advertised based on power available when the engine is equipped with alternator, air cleaner, muffler and on-demand hydraulic fan drive at maximum fan speed.

## Weights – 972H

|                  |           |           |
|------------------|-----------|-----------|
| Operating Weight | 25 173 kg | 55,480 lb |
|------------------|-----------|-----------|

- For 4.6 m<sup>3</sup> (6.0 yd<sup>3</sup>) general purpose bucket with BOCE.

## Buckets – 972H

|                         |                          |                           |
|-------------------------|--------------------------|---------------------------|
| Bucket Capacities       | 4.00-5.00 m <sup>3</sup> | 5.23-6.54 yd <sup>3</sup> |
| Maximum Bucket Capacity | 5.50 m <sup>3</sup>      | 7.19 yd <sup>3</sup>      |

## Operating Specifications – 972H

|   |           |            |
|---|-----------|------------|
| Breakout Force                                      | 218 kN    | 49,005 lbf |
| Static Tipping Load, Full Turn (ISO)                | 15 566 kg | 34,308 lb  |
| Static Tipping Load, Full Turn (No Tire Deflection) | 16 914 kg | 37,279 lb  |

- For 4.6 m<sup>3</sup> (6.0 yd<sup>3</sup>) general purpose bucket with BOCE.

## Transmission – 972H

|           |           |          |
|-----------|-----------|----------|
| Forward 1 | 7.2 km/h  | 4.5 mph  |
| Forward 2 | 12.6 km/h | 7.8 mph  |
| Forward 3 | 21.4 km/h | 13.3 mph |
| Forward 4 | 36.9 km/h | 22.9 mph |
| Reverse 1 | 8.2 km/h  | 5.1 mph  |
| Reverse 2 | 14.2 km/h | 8.8 mph  |
| Reverse 3 | 24.3 km/h | 15.1 mph |
| Reverse 4 | 38.8 km/h | 24 mph   |

- Maximum travel speeds (26.5-25 tires).

# 966H/972H Wheel Loaders Specifications

## Hydraulic System

|                                       |             |            |
|---------------------------------------|-------------|------------|
| Bucket/Work Tool System – Pump Output | 320 L/min   | 85 gal/min |
| Steering System Pump Type             | Piston      |            |
| Hydraulic Cycle Time – Raise          | 6.5 Seconds |            |
| Hydraulic Cycle Time – Dump           | 2.7 Seconds |            |
| Hydraulic Cycle Time – Lower          | 3.5 Seconds |            |
| Hydraulic Cycle Time – Float          | 2.8 Seconds |            |
| Hydraulic Cycle Time – Rack           | 2.5 Seconds |            |

- Implement System (Standard), Piston Pump – Rated at 2,100 rpm and 6900 kPa (1,000 psi).
- Cycle time with rated payload

## Brakes

|        |                           |
|--------|---------------------------|
| Brakes | Meets required standards. |
|--------|---------------------------|

- Meet ISO 3450-2011 standards.

## Axles

|                                    |                            |         |
|------------------------------------|----------------------------|---------|
| Front                              | Fixed front                |         |
| Rear                               | Oscillating $\pm 13^\circ$ |         |
| Maximum Single-Wheel Rise and Fall | 502 mm                     | 19.8 in |

## Tires

|       |   |
|-------|---|
| Tires | Choose from a variety of tires to match your application. |
|-------|---|

- Choice of:
  - 26.5, R25, 16PR, L3 Triangle
  - 26.5, R25, 20PR, L3 Bridgestone
  - 26.5, R25, 20PR, L3 Triangle
  - 26.5, R25, VJT, L3 Bridgestone
  - 26.5, R25, XHA2, L3 Michelin
  - 26.5, R25, VSDL, L5 Bridgestone
  - 26.5, R25, XLDD2, L5 Michelin
  - 750/65, R25, VLT, L3 Bridgestone
  - 26.5, R25, RB31, L3 Bridgestone
  - 26.5, R25, TB516, L3 Triangle Flexport
- NOTE: In certain applications (such as load and carry) the loader's productive capabilities might exceed the tires' tonnes-km/h (ton-mph) capabilities. Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model. The 26.5-25 size range and other special tires are available on request.

## Cab

|           |                      |
|-----------|----------------------|
| ROPS/FOPS | Meets ISO Standards. |
|-----------|----------------------|

- Caterpillar cab with integrated Rollover Protective Structure (ROPS) are standard.
- ROPS meets ISO 3471: 2008 criteria.
- Falling Objects Protective Structure (FOPS) meets ISO 3449: 2005 Level II.

## Sound

- The sound values indicated below are for specific operating conditions only. Machine and operator sound levels will vary at different engine and/or cooling fan speeds. The cab was properly installed and maintained. The tests were conducted with the cab doors and the cab windows closed. Hearing protection may be needed when the machine is operated with a cabin that is not properly maintained, or when the doors and/or windows are open for extended periods or in a noisy environment.
- The declared dynamic operator Sound Pressure Level for a standard machine configuration, measured according to the procedures specified in "ISO 6396:2008," is 72 dB(A) with the cooling fan speed set at maximum value.
- The declared average exterior sound pressure level for a standard machine configuration, measured according to the procedures specified in "SAE J88:2006 – Constant Speed Moving Test," is 75 dB(A) for the 966H and 76 dB(A) for the 972H. The measurement was conducted under the following conditions: distance of 15 m (49.2 ft), moving forward in an intermediate gear ratio, static hydraulic cycle (with no payload) and with the cooling fan speed set at maximum value.
- The declared exterior sound power level for a standard machine configuration, measured according to the procedures specified in "ISO 6395:2008," is 111 dB(A) with the cooling fan speed set at maximum value.

Sound Level Information for Machines in Countries that Adopt the "EU Directives"

- The declared dynamic operator sound pressure level for a standard machine configuration, measured according to the procedures specified in "ISO 6396:2008," is 69 dB(A) with a cooling fan speed set at 70 percent of the maximum value.
- The declared sound power level that is labeled on the machine is 107 LWA for the 966H and 108 LWA for the 972H. The measurement of the sound power level was made according to the test procedures and conditions that are specified in the European Union Directive "2000/14/EC" as amended by "2005/88/EC."

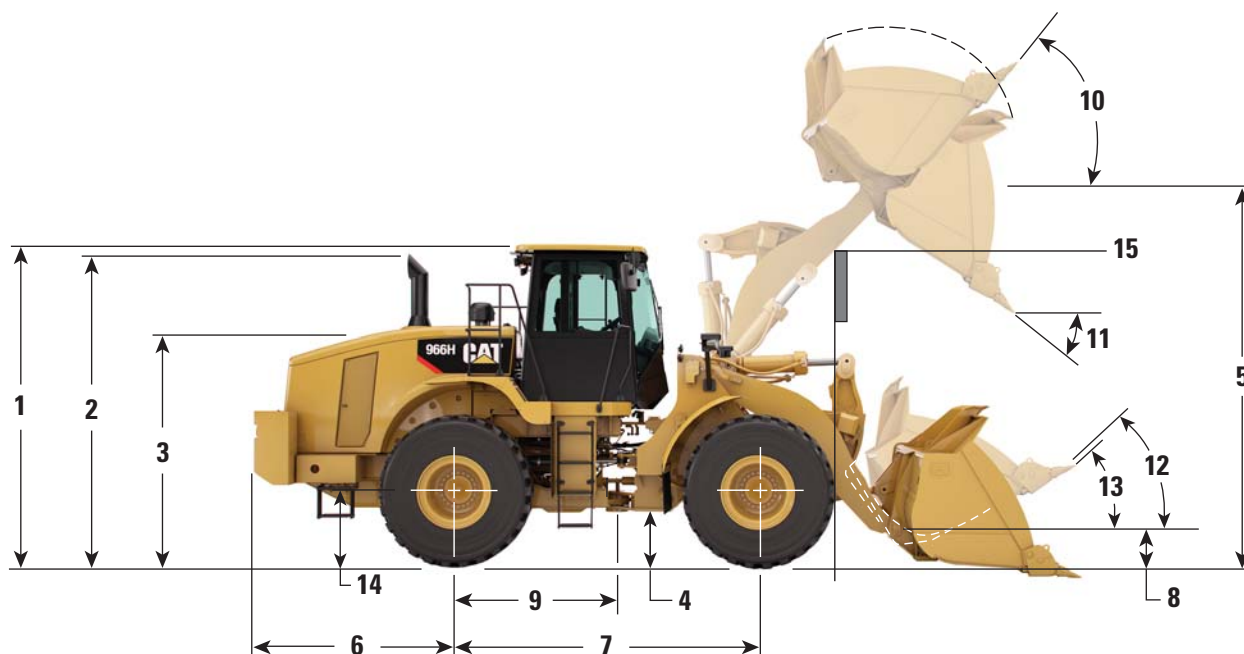
## Service Refill Capacities

|  |       |         |
|--|-------|---------|
| Fuel Tank – Standard                   | 380 L | 100 gal |
| Cooling System                         | 39 L  | 10 gal  |
| Crankcase                              | 35 L  | 9 gal   |
| Transmission                           | 44 L  | 12 gal  |
| Differentials and Final Drives – Front | 64 L  | 17 gal  |
| Differentials and Final Drives – Rear  | 64 L  | 17 gal  |
| Hydraulic Tank                         | 110 L | 29 gal  |

# 966H/972H Wheel Loaders Specifications

## 966H Dimensions

All dimensions are approximate and based on 26.5R25 L3 Michelin XHA2 radial tires.

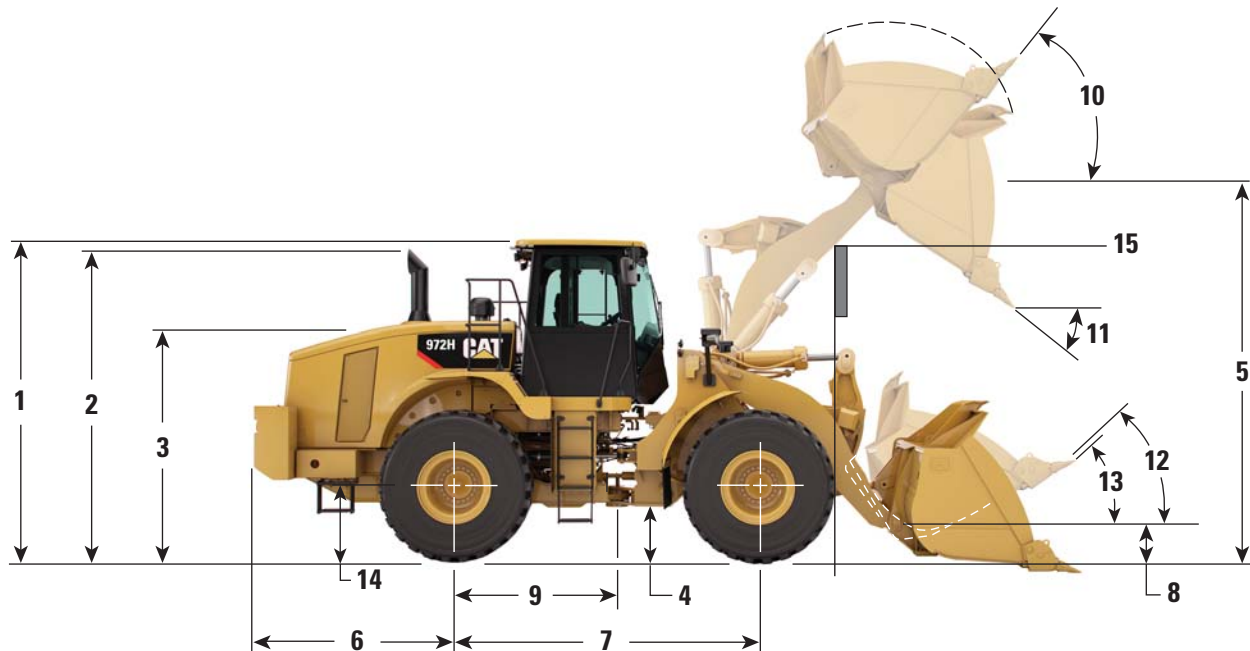


|  |              |        |
|--|--------------|--------|
| <b>1</b> Height to top of ROPS/FOPS                        | 3575 mm      | 11'7"  |
| <b>2</b> Height to top of exhaust pipe                     | 3524 mm      | 11'6"  |
| <b>3</b> Height to top of hood                             | 2655 mm      | 8'7"   |
| <b>4</b> Ground clearance with 26.5R25L-3 Michelin         | 434 mm       | 1'4"   |
| <b>5</b> B-Pin height – standard                           | 4235 mm      | 13'10" |
| B-Pin height – high-lift                                   | 4794 mm      | 15'8"  |
| <b>6</b> Center line of rear axle to edge of counterweight | 2279 mm      | 7'5"   |
| <b>7</b> Wheelbase   | 3450 mm      | 11'3"  |
| <b>8</b> B-Pin height @ carry – standard                   | 641 mm       | 2'1"   |
| B-Pin height @ carry – high lift                           | 788 mm       | 2'6"   |
| <b>9</b> Center line of rear axle to hitch                 | 1725 mm      | 5'7"   |
| <b>10</b> Rack back @ maximum lift – standard              | 61 degrees   |        |
| Rack back @ maximum lift – high lift                       | 71 degrees   |        |
| <b>11</b> Dump angle @ maximum lift                        | 48.2 degrees |        |
| <b>12</b> Rack back @ carry – standard                     | 50 degrees   |        |
| Rack back @ carry – high lift                              | 49 degrees   |        |
| <b>13</b> Rack back @ ground – standard                    | 42 degrees   |        |
| Rack back @ ground – high lift                             | 39 degrees   |        |
| <b>14</b> Height to center line of axle                    | 799 mm       | 2'7"   |
| <b>15</b> Lift arm clearance @ standard lift               | 3925 mm      | 12'9"  |
| Lift arm clearance @ high lift                             | 4484 mm      | 14'7"  |

# 966H/972H Wheel Loaders Specifications

## 972H Dimensions

All dimensions are approximate and based on 26.5R25 L3 Michelin XHA2 radial tires.



|  |              |       |
|--|--------------|-------|
| <b>1</b> Height to top of ROPS/FOPS                        | 3578 mm      | 11'7" |
| <b>2</b> Height to top of exhaust pipe                     | 3524 mm      | 11'6" |
| <b>3</b> Height to top of hood                             | 2655 mm      | 8'7"  |
| <b>4</b> Ground clearance with 26.5R25L-3 Michelin         | 434 mm       | 1'4"  |
| <b>5</b> B-Pin height – standard                           | 4458 mm      | 14'7" |
| B-Pin height – high-lift                                   | 4794 mm      | 15'8" |
| <b>6</b> Center line of rear axle to edge of counterweight | 2490 mm      | 8'2"  |
| <b>7</b> Wheelbase   | 3450 mm      | 11'3" |
| <b>8</b> B-Pin height @ carry – standard                   | 691 mm       | 2'3"  |
| B-Pin height @ carry – high lift                           | 788 mm       | 2'6"  |
| <b>9</b> Center line of rear axle to hitch                 | 1725 mm      | 5'7"  |
| <b>10</b> Rack back @ maximum lift – standard              | 55 degrees   |       |
| Rack back @ maximum lift – high-lift                       | 71 degrees   |       |
| <b>11</b> Dump angle @ maximum lift                        | 48.2 degrees |       |
| <b>12</b> Rack back @ carry – standard                     | 50 degrees   |       |
| Rack back @ carry – high-lift                              | 49 degrees   |       |
| <b>13</b> Rack back @ ground – standard                    | 41 degrees   |       |
| Rack back @ ground – high-lift                             | 39 degrees   |       |
| <b>14</b> Height to center line of axle                    | 799 mm       | 2'7"  |
| <b>15</b> Lift arm clearance @ standard lift               | 4148 mm      | 13'6" |
| Lift arm clearance @ high lift                             | 4484 mm      | 14'7" |



# 966H/972H Wheel Loaders Specifications

## 966H Operating Specifications – Standard

| Bucket Type   |                 | General Purpose – Pin On |                    |               |                    |               |                    |
|---|-----------------|--------------------------|--------------------|---------------|--------------------|---------------|--------------------|
|   |                 | Bolt-On Edges            | Teeth and Segments | Bolt-On Edges | Teeth and Segments | Bolt-On Edges | Teeth and Segments |
| Capacity – Rated (§)                                      | m <sup>3</sup>  | 3.80                     | 3.80               | 4.00          | 4.00               | 4.20          | 4.20               |
|   | yd <sup>3</sup> | 4.97                     | 4.97               | 5.23          | 5.23               | 5.49          | 5.49               |
| Capacity – Rated @ 110% Fill Factor                       | m <sup>3</sup>  | 4.18                     | 4.18               | 4.40          | 4.40               | 4.62          | 4.62               |
|   | yd <sup>3</sup> | 5.47                     | 5.47               | 5.75          | 5.75               | 6.04          | 6.04               |
| Width (§)   | mm              | 3220                     | 3271               | 3220          | 3271               | 3220          | 3271               |
|   | ft/in           | 10'6"                    | 10'8"              | 10'6"         | 10'8"              | 10'6"         | 10'8"              |
| Dump Clearance at Maximum Lift and 45° Discharge (§)      | mm              | 3067                     | 2915               | 3058          | 2905               | 2991          | 2837               |
|   | ft/in           | 10'0"                    | 9'6"               | 10'0"         | 9'6"               | 9'9"          | 9'3"               |
| Reach at Maximum Lift and 45° Discharge (§)               | mm              | 1327                     | 1467               | 1334          | 1473               | 1388          | 1525               |
|   | ft/in           | 4'4"                     | 4'9"               | 4'4"          | 4'10"              | 4'6"          | 5'0"               |
| Reach at Level Lift Arm and Bucket Level (§)              | mm              | 2739                     | 2943               | 2750          | 2955               | 2838          | 3043               |
|   | ft/in           | 8'11"                    | 9'7"               | 9'0"          | 9'8"               | 9'3"          | 9'11"              |
| Digging Depth (§)   | mm              | 124                      | 124                | 124           | 124                | 124           | 124                |
|   | in              | 4.9"                     | 4.9"               | 4.9"          | 4.9"               | 4.9"          | 4.9"               |
| Overall Length  | mm              | 8681                     | 8906               | 8693          | 8918               | 8780          | 9005               |
|   | ft/in           | 28'6"                    | 29'3"              | 28'7"         | 29'4"              | 28'10"        | 29'7"              |
| Overall Height with Bucket at Maximum Lift                | mm              | 5788                     | 5788               | 5902          | 5902               | 5902          | 5902               |
|   | ft/in           | 19'0"                    | 19'0"              | 19'5"         | 19'5"              | 19'5"         | 19'5"              |
| Loader Clearance Circle with Bucket at Carry Position (§) | mm              | 14 727                   | 14 899             | 14 733        | 14 905             | 14 778        | 14 951             |
|   | ft/in           | 48'4"                    | 48'11"             | 48'5"         | 48'11"             | 48'6"         | 49'1"              |
| Static Tipping Load, Straight (ISO)*                      | kg              | 16 045                   | 15 863             | 16 024        | 15 842             | 15 831        | 15 648             |
|   | lb              | 35,364                   | 34,963             | 35,319        | 34,915             | 34,893        | 34,488             |
| Static Tipping Load, Straight (No Tire Deflection)*       | kg              | 17 316                   | 17 131             | 17 305        | 17 120             | 17 104        | 16 917             |
|   | lb              | 38,164                   | 37,757             | 38,141        | 37,733             | 37,697        | 37,287             |
| Static Tipping Load, Articulated (ISO)*                   | kg              | 14 052                   | 13 869             | 14 028        | 13 845             | 13 848        | 13 664             |
|   | lb              | 30,971                   | 30,569             | 30,918        | 30,514             | 30,522        | 30,117             |
| Static Tipping Load, Articulated (No Tire Deflection)*    | kg              | 15 312                   | 15 128             | 15 298        | 15 113             | 15 111        | 14 925             |
|   | lb              | 33,749                   | 33,342             | 33,718        | 33,309             | 33,304        | 32,894             |
| Breakout Force** (§)                                      | kN              | 187                      | 185                | 185           | 183                | 173           | 171                |
|   | lbf             | 42,151                   | 41,781             | 41,695        | 41,326             | 38,984        | 38,618             |
| Operating Weight*   | kg              | 23 073                   | 23 211             | 23 125        | 23 263             | 23 181        | 23 319             |
|   | lb              | 50,853                   | 51,157             | 50,968        | 51,272             | 51,091        | 51,395             |

\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

\*\* Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

# 966H/972H Wheel Loaders Specifications

## 966H Operating Specifications – Standard

| Bucket Type   |                 | General Purpose – Pin On |                    | Rock – Pin On |                    | Material Handling – Pin On – Standard |                    |
|---|-----------------|--------------------------|--------------------|---------------|--------------------|---------------------------------------|--------------------|
|   |                 | Bolt-On Edges            | Teeth and Segments | Bolt-On Edges | Teeth and Segments | Bolt-On Edges                         | Teeth and Segments |
| Capacity – Rated (§)                                      | m <sup>3</sup>  | 4.60                     | 4.60               | 3.40          | 3.40               | 4.00                                  | 4.00               |
|   | yd <sup>3</sup> | 6.02                     | 6.02               | 4.45          | 4.45               | 5.23                                  | 5.23               |
| Capacity – Rated @ 110% Fill Factor                       | m <sup>3</sup>  | 5.06                     | 5.06               | 3.74          | 3.74               | 4.40                                  | 4.40               |
|   | yd <sup>3</sup> | 6.62                     | 6.62               | 4.89          | 4.89               | 5.75                                  | 5.75               |
| Width (§)   | mm              | 3220                     | 3271               | 3252          | 3252               | 3220                                  | 3271               |
|   | ft/in           | 10'6"                    | 10'8"              | 10'8"         | 10'8"              | 10'6"                                 | 10'8"              |
| Dump Clearance at Maximum Lift and 45° Discharge (§)      | mm              | 2977                     | 2823               | 3124          | 3026               | 2978                                  | 2815               |
|   | ft/in           | 9'9"                     | 9'3"               | 10'2"         | 9'11"              | 9'9"                                  | 9'2"               |
| Reach at Maximum Lift and 45° Discharge (§)               | mm              | 1400                     | 1537               | 1454          | 1576               | 1252                                  | 1379               |
|   | ft/in           | 4'7"                     | 5'0"               | 4'9"          | 5'2"               | 4'1"                                  | 4'6"               |
| Reach at Level Lift Arm and Bucket Level (§)              | mm              | 2857                     | 3062               | 2818          | 2974               | 2769                                  | 2973               |
|   | ft/in           | 9'4"                     | 10'0"              | 9'2"          | 9'9"               | 9'1"                                  | 9'9"               |
| Digging Depth (§)   | mm              | 124                      | 124                | 68            | 68                 | 124                                   | 124                |
|   | in              | 4.9"                     | 4.9"               | 2.7"          | 2.7"               | 4.9"                                  | 4.9"               |
| Overall Length  | mm              | 8799                     | 9024               | 8745          | 8906               | 8711                                  | 8936               |
|   | ft/in           | 28'11"                   | 29'8"              | 28'9"         | 29'3"              | 28'7"                                 | 29'4"              |
| Overall Height with Bucket at Maximum Lift                | mm              | 5874                     | 5874               | 5845          | 5845               | 5858                                  | 5858               |
|   | ft/in           | 19'4"                    | 19'4"              | 19'3"         | 19'3"              | 19'3"                                 | 19'3"              |
| Loader Clearance Circle with Bucket at Carry Position (§) | mm              | 14 787                   | 14 961             | 14 813        | 14 901             | 14 742                                | 14 914             |
|   | ft/in           | 48'7"                    | 49'1"              | 48'8"         | 48'11"             | 48'5"                                 | 49'0"              |
| Static Tipping Load, Straight (ISO)*                      | kg              | 15 822                   | 15 636             | 16 255        | 16 185             | 15 834                                | 15 653             |
|   | lb              | 34,872                   | 34,463             | 35,826        | 35,672             | 34,899                                | 34,499             |
| Static Tipping Load, Straight (No Tire Deflection)*       | kg              | 17 120                   | 16 931             | 17 542        | 17 471             | 17 078                                | 16 894             |
|   | lb              | 37,732                   | 37,318             | 38,663        | 38,507             | 37,640                                | 37,235             |
| Static Tipping Load, Articulated (ISO)*                   | kg              | 13 829                   | 13 643             | 14 217        | 14 147             | 13 861                                | 13 680             |
|   | lb              | 30,479                   | 30,070             | 31,334        | 31,180             | 30,551                                | 30,151             |
| Static Tipping Load, Articulated (No Tire Deflection)*    | kg              | 15 116                   | 14 928             | 15 496        | 15 425             | 15 097                                | 14 913             |
|   | lb              | 33,316                   | 32,901             | 34,153        | 33,998             | 33,274                                | 32,870             |
| Breakout Force** (§)                                      | kN              | 170                      | 168                | 186           | 185                | 182                                   | 181                |
|   | lbf             | 38,277                   | 37,912             | 41,828        | 41,704             | 41,111                                | 40,742             |
| Operating Weight*   | kg              | 23 221                   | 23 359             | 24 004        | 24 056             | 23 134                                | 23 272             |
|   | lb              | 51,179                   | 51,483             | 52,905        | 53,019             | 50,987                                | 51,291             |

\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

\*\* Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

# 966H/972H Wheel Loaders Specifications

## 966H Operating Specifications

|   |                 | Material Handling –<br>Pin On – Standard |                       | High Lift<br>Change in<br>Specs |
|---|-----------------|--|-----------------------|---------------------------------|
|   |                 | Bolt-On<br>Edges                         | Teeth and<br>Segments |                                 |
| Capacity – Rated (§)                                      | m <sup>3</sup>  | 4.60                                     | 4.60                  |                                 |
|   | yd <sup>3</sup> | 6.02                                     | 6.02                  |                                 |
| Capacity – Rated @ 110% Fill Factor                       | m <sup>3</sup>  | 5.06                                     | 5.06                  |                                 |
|   | yd <sup>3</sup> | 6.62                                     | 6.62                  |                                 |
| Width (§)   | mm              | 3220                                     | 3271                  |                                 |
|   | ft/in           | 10'6"                                    | 10'8"                 |                                 |
| Dump Clearance at Maximum Lift and 45° Discharge (§)      | mm              | 2893                                     | 2730                  | 558                             |
|   | ft/in           | 9'5"                                     | 8'11"                 | 1'9"                            |
| Reach at Maximum Lift and 45° Discharge (§)               | mm              | 1337                                     | 1464                  | (24)                            |
|   | ft/in           | 4'4"                                     | 4'9"                  | -0'0"                           |
| Reach at Level Lift Arm and Bucket Level (§)              | mm              | 2889                                     | 3093                  | 404                             |
|   | ft/in           | 9'5"                                     | 10'1"                 | 1'3"                            |
| Digging Depth (§)   | mm              | 124                                      | 124                   | (25)                            |
|   | in              | 4.9"                                     | 4.9"                  | -0.9"                           |
| Overall Length  | mm              | 8831                                     | 9056                  | 501                             |
|   | ft/in           | 29'0"                                    | 29'9"                 | 1'8"                            |
| Overall Height with Bucket at Maximum Lift                | mm              | 5982                                     | 5982                  | 559                             |
|   | ft/in           | 19'8"                                    | 19'8"                 | 1'10"                           |
| Loader Clearance Circle with Bucket at Carry Position (§) | mm              | 14 804                                   | 14 978                | 481                             |
|   | ft/in           | 48'7"                                    | 49'2"                 | 1'7"                            |
| Static Tipping Load, Straight (ISO)*                      | kg              | 15 622                                   | 15 438                | (2618)                          |
|   | lb              | 34,431                                   | 34,026                | (5,771)                         |
| Static Tipping Load, Straight (No Tire Deflection)*       | kg              | 16 885                                   | 16 699                | (2950)                          |
|   | lb              | 37,216                                   | 36,805                | (6,503)                         |
| Static Tipping Load, Articulated (ISO)*                   | kg              | 13 655                                   | 13 471                | (2362)                          |
|   | lb              | 30,096                                   | 29,690                | (5,206)                         |
| Static Tipping Load, Articulated (No Tire Deflection)*    | kg              | 14 909                                   | 14 723                | (2684)                          |
|   | lb              | 32,861                                   | 32,450                | (5,917)                         |
| Breakout Force** (§)                                      | kN              | 166                                      | 165                   | (14)                            |
|   | lbf             | 37,481                                   | 37,117                | (3,167)                         |
| Operating Weight*   | kg              | 23 267                                   | 23 404                | 235                             |
|   | lb              | 51,279                                   | 51,583                | 517                             |

\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

\*\* Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

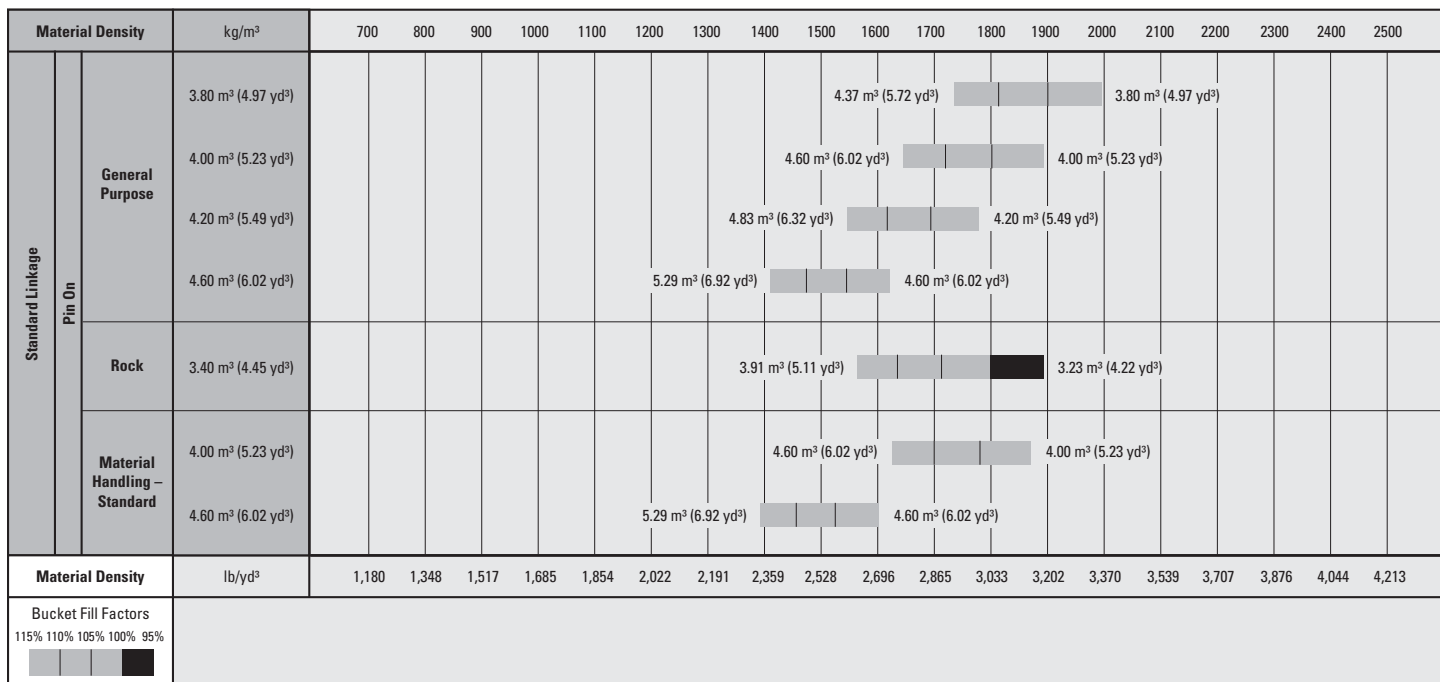
(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.



# 966H/972H Wheel Loaders Specifications

## 966H Bucket Selection Charts



Note: All buckets are showing Bolt-On Edges.

## Bucket Fill Factors

(as a % of ISO Rated Capacity)

| Loose Material              | Performance Series Bucket |
|-----------------------------|---------------------------|
| Earth/Clay                  | 115                       |
| Sand and Gravel             | 115                       |
| Aggregate:                  |                           |
| 25-76 mm (1 to 3 in)        | 110                       |
| 19 mm (0.75 in) and smaller | 105                       |
| Rock                        | 100                       |

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

# 966H/972H Wheel Loaders Specifications

## 972H Operating Specifications – Standard

| Bucket Type   |                 | General Purpose – Pin On |                    |               |                    | Material Handling – Pin On |                    |
|---|-----------------|--------------------------|--------------------|---------------|--------------------|----------------------------|--------------------|
|   |                 | Bolt-On Edges            | Teeth and Segments | Bolt-On Edges | Teeth and Segments | Bolt-On Edges              | Teeth and Segments |
| Capacity – Rated (§)                                      | m <sup>3</sup>  | 4.20                     | 4.20               | 4.60          | 4.60               | 4.60                       | 4.60               |
|   | yd <sup>3</sup> | 5.49                     | 5.49               | 6.02          | 6.02               | 6.02                       | 6.02               |
| Capacity – Rated @ 110% Fill Factor                       | m <sup>3</sup>  | 4.62                     | 4.62               | 5.06          | 5.06               | 5.06                       | 5.06               |
|   | yd <sup>3</sup> | 6.04                     | 6.04               | 6.62          | 6.62               | 6.62                       | 6.62               |
| Width (§)   | mm              | 3220                     | 3271               | 3220          | 3271               | 3220                       | 3271               |
|   | ft/in           | 10'6"                    | 10'8"              | 10'6"         | 10'8"              | 10'6"                      | 10'8"              |
| Dump Clearance at Maximum Lift and 45° Discharge (§)      | mm              | 3225                     | 3071               | 3187          | 3033               | 3120                       | 2957               |
|   | ft/in           | 10'6"                    | 10'0"              | 10'5"         | 9'11"              | 10'2"                      | 9'8"               |
| Reach at Maximum Lift and 45° Discharge (§)               | mm              | 1332                     | 1470               | 1363          | 1500               | 1286                       | 1413               |
|   | ft/in           | 4'4"                     | 4'9"               | 4'5"          | 4'11"              | 4'2"                       | 4'7"               |
| Reach at Level Lift Arm and Bucket Level (§)              | mm              | 2955                     | 3160               | 3004          | 3209               | 3014                       | 3219               |
|   | ft/in           | 9'8"                     | 10'4"              | 9'10"         | 10'6"              | 9'10"                      | 10'6"              |
| Digging Depth (§)   | mm              | 103                      | 103                | 103           | 103                | 103                        | 103                |
|   | in              | 4"                       | 4"                 | 4"            | 4"                 | 4"                         | 4"                 |
| Overall Length  | mm              | 9128                     | 9352               | 9177          | 9401               | 9187                       | 9411               |
|   | ft/in           | 30'0"                    | 30'9"              | 30'2"         | 30'11"             | 30'2"                      | 30'11"             |
| Overall Height with Bucket at Maximum Lift                | mm              | 5937                     | 5937               | 6195          | 6195               | 6162                       | 6162               |
|   | ft/in           | 19'6"                    | 19'6"              | 20'4"         | 20'4"              | 20'3"                      | 20'3"              |
| Loader Clearance Circle with Bucket at Carry Position (§) | mm              | 14 925                   | 15 105             | 14 951        | 15 133             | 14 957                     | 15 139             |
|   | ft/in           | 49'0"                    | 49'7"              | 49'1"         | 49'8"              | 49'1"                      | 49'8"              |
| Static Tipping Load, Straight (ISO)*                      | kg              | 18 040                   | 17 857             | 17 926        | 17 742             | 17 868                     | 17 684             |
|   | lb              | 39,761                   | 39,358             | 39,510        | 39,104             | 39,381                     | 38,976             |
| Static Tipping Load, Straight (No Tire Deflection)*       | kg              | 19 358                   | 19 173             | 19 254        | 19 068             | 19 175                     | 18 989             |
|   | lb              | 42,666                   | 42,258             | 42,436        | 42,026             | 42,262                     | 41,853             |
| Static Tipping Load, Articulated (ISO)*                   | kg              | 15 675                   | 15 492             | 15 566        | 15 382             | 15 517                     | 15 333             |
|   | lb              | 34,548                   | 34,144             | 34,308        | 33,902             | 34,200                     | 33,795             |
| Static Tipping Load, Articulated (No Tire Deflection)*    | kg              | 17 013                   | 16 828             | 16 914        | 16 728             | 16 845                     | 16 660             |
|   | lb              | 37,498                   | 37,090             | 37,279        | 36,868             | 37,128                     | 36,719             |
| Breakout Force** (§)                                      | kN              | 226                      | 224                | 218           | 216                | 216                        | 215                |
|   | lbf             | 50,833                   | 50,524             | 49,005        | 48,696             | 48,673                     | 48,365             |
| Operating Weight*   | kg              | 25 112                   | 25 250             | 25 173        | 25 311             | 25 168                     | 25 306             |
|   | lb              | 55,346                   | 55,650             | 55,480        | 55,784             | 55,469                     | 55,773             |

\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

\*\* Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

# 966H/972H Wheel Loaders Specifications

## 972H Operating Specifications – Standard

| Bucket Type   |                 | Rock – Pin On |                    | Material Handling – Pin On – Standard |                    |               |                    |
|---|-----------------|---------------|--------------------|---------------------------------------|--------------------|---------------|--------------------|
|   |                 | Bolt-On Edges | Teeth and Segments | Bolt-On Edges                         | Teeth and Segments | Bolt-On Edges | Teeth and Segments |
| Capacity – Rated (§)                                      | m <sup>3</sup>  | 4.00          | 4.00               | 4.60                                  | 4.60               | 5.00          | 5.00               |
|   | yd <sup>3</sup> | 5.23          | 5.23               | 6.02                                  | 6.02               | 6.54          | 6.54               |
| Capacity – Rated @ 110% Fill Factor                       | m <sup>3</sup>  | 4.40          | 4.40               | 5.06                                  | 5.06               | 5.50          | 5.50               |
|   | yd <sup>3</sup> | 5.75          | 5.75               | 6.62                                  | 6.62               | 7.19          | 7.19               |
| Width (§)   | mm              | 3252          | 3252               | 3220                                  | 3271               | 3220          | 3271               |
|   | ft/in           | 10'8"         | 10'8"              | 10'6"                                 | 10'8"              | 10'6"         | 10'8"              |
| Dump Clearance at Maximum Lift and 45° Discharge (§)      | mm              | 3233          | 3142               | 3120                                  | 2957               | 3070          | 2908               |
|   | ft/in           | 10'7"         | 10'3"              | 10'2"                                 | 9'8"               | 10'0"         | 9'6"               |
| Reach at Maximum Lift and 45° Discharge (§)               | mm              | 1463          | 1571               | 1286                                  | 1413               | 1335          | 1462               |
|   | ft/in           | 4'9"          | 5'1"               | 4'2"                                  | 4'7"               | 4'4"          | 4'9"               |
| Reach at Level Lift Arm and Bucket Level (§)              | mm              | 3073          | 3214               | 3014                                  | 3219               | 3084          | 3289               |
|   | ft/in           | 10'1"         | 10'6"              | 9'10"                                 | 10'6"              | 10'1"         | 10'9"              |
| Digging Depth (§)   | mm              | 44            | 44                 | 103                                   | 103                | 103           | 103                |
|   | in              | 1.7"          | 1.7"               | 4"                                    | 4"                 | 4"            | 4"                 |
| Overall Length  | mm              | 9235          | 9379               | 9187                                  | 9411               | 9257          | 9481               |
|   | ft/in           | 30'4"         | 30'10"             | 30'2"                                 | 30'11"             | 30'5"         | 31'2"              |
| Overall Height with Bucket at Maximum Lift                | mm              | 6159          | 6159               | 6162                                  | 6162               | 6223          | 6223               |
|   | ft/in           | 20'3"         | 20'3"              | 20'3"                                 | 20'3"              | 20'5"         | 20'5"              |
| Loader Clearance Circle with Bucket at Carry Position (§) | mm              | 15 039        | 15 123             | 14 957                                | 15 139             | 14 996        | 15 178             |
|   | ft/in           | 49'5"         | 49'8"              | 49'1"                                 | 49'8"              | 49'3"         | 49'10"             |
| Static Tipping Load, Straight (ISO)*                      | kg              | 18 511        | 18 441             | 17 888                                | 17 703             | 17 758        | 17 573             |
|   | lb              | 40,798        | 40,644             | 39,425                                | 39,019             | 39,139        | 38,731             |
| Static Tipping Load, Straight (No Tire Deflection)*       | kg              | 19 876        | 19 806             | 19 195                                | 19 009             | 19 078        | 18 891             |
|   | lb              | 43,808        | 43,652             | 42,306                                | 41,895             | 42,049        | 41,636             |
| Static Tipping Load, Articulated (ISO)*                   | kg              | 16 080        | 16 009             | 15 537                                | 15 353             | 15 410        | 15 225             |
|   | lb              | 35,440        | 35,285             | 34,244                                | 33,838             | 33,965        | 33,556             |
| Static Tipping Load, Articulated (No Tire Deflection)*    | kg              | 17 467        | 17 396             | 16 865                                | 16 679             | 16 752        | 16 564             |
|   | lb              | 38,498        | 38,342             | 37,172                                | 36,761             | 36,921        | 36,508             |
| Breakout Force** (§)                                      | kN              | 220           | 220                | 216                                   | 215                | 206           | 204                |
|   | lbf             | 49,563        | 49,451             | 48,687                                | 48,377             | 46,309        | 46,001             |
| Operating Weight*   | kg              | 25 969        | 26 020             | 25 146                                | 25 284             | 25 230        | 25 368             |
|   | lb              | 57,236        | 57,348             | 55,422                                | 55,726             | 55,607        | 55,911             |

\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

\*\* Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

# 966H/972H Wheel Loaders Specifications

## 972H Operating Specifications

|   |                                   | High Lift<br>Change in<br>Specs |
|---|-----------------------------------|---------------------------------|
| Capacity – Rated (§)                                      | m <sup>3</sup><br>yd <sup>3</sup> |                                 |
| Capacity – Rated @ 110% Fill Factor                       | m <sup>3</sup><br>yd <sup>3</sup> |                                 |
| Width (§)   | mm<br>ft/in                       |                                 |
| Dump Clearance at Maximum Lift and 45° Discharge (§)      | mm<br>ft/in                       | 335<br>1'1"                     |
| Reach at Maximum Lift and 45° Discharge (§)               | mm<br>ft/in                       | 23<br>0'0.9"                    |
| Reach at Level Lift Arm and Bucket Level (§)              | mm<br>ft/in                       | 273<br>0'10"                    |
| Digging Depth (§)   | mm<br>in                          | -4<br>-0.1"                     |
| Overall Length  | mm<br>ft/in                       | 336<br>1'2"                     |
| Overall Height with Bucket at Maximum Lift                | mm<br>ft/in                       | 336<br>1'2"                     |
| Loader Clearance Circle with Bucket at Carry Position (§) | mm<br>ft/in                       | 332<br>1'2"                     |
| Static Tipping Load, Straight (ISO)*                      | kg<br>lb                          | -1591<br>-3,507                 |
| Static Tipping Load, Straight (No Tire Deflection)*       | kg<br>lb                          | -1671<br>-3,683                 |
| Static Tipping Load, Articulated (ISO)*                   | kg<br>lb                          | -1438<br>-3,170                 |
| Static Tipping Load, Articulated (No Tire Deflection)*    | kg<br>lb                          | -1530<br>-3,372                 |
| Breakout Force** (§)                                      | kN<br>lbf                         | -6<br>-1,424                    |
| Operating Weight*   | kg<br>lb                          | 85<br>186                       |

\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

\*\* Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

# 966H/972H Wheel Loaders Specifications

## 972H Bucket Selection Charts

| Material Density           |                              | kg/m <sup>3</sup>                           | 700                     | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  | 2300  | 2400  | 2500  |       |  |
|----------------------------|------------------------------|---|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Standard Linkage<br>Pin On | General Purpose              | 4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> ) |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|                            |                              | 4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> ) |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|                            | Material Handling            | 4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> ) |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|                            |                              | 4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> ) |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|                            | Rock                         | 4.00 m <sup>3</sup> (5.23 yd <sup>3</sup> ) |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|                            | Material Handling – Standard | 4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> ) |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|                            |                              | 5.00 m <sup>3</sup> (6.54 yd <sup>3</sup> ) |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|                            | Material Density             |   | lb/yd <sup>3</sup>      | 1,180 | 1,348 | 1,517 | 1,685 | 1,854 | 2,022 | 2,191 | 2,359 | 2,528 | 2,696 | 2,865 | 3,033 | 3,202 | 3,370 | 3,539 | 3,707 | 3,876 | 4,044 | 4,213 |  |
|                            | Bucket Fill Factors          |   | 115% 110% 105% 100% 95% |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |

Note: All buckets are showing Bolt-On Edges.

## Bucket Fill Factors

(as a % of ISO Rated Capacity)

| Loose Material              | Performance Series Bucket |
|-----------------------------|---------------------------|
| Earth/Clay                  | 115                       |
| Sand and Gravel             | 115                       |
| Aggregate:                  |                           |
| 25-76 mm (1 to 3 in)        | 110                       |
| 19 mm (0.75 in) and smaller | 105                       |
| Rock                        | 100                       |

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.



## Standard Equipment

Standard equipment may vary. Consult your Cat dealer for details.

### ELECTRICAL

- Alarm, back-up
- Alternator, 115-amp brushed
- Batteries, maintenance free (2) 1,400 CCA
- Ignition key; start/stop switch
- Lighting system, halogen (6 total)
- Main disconnect switch
- Starter, electric, heavy-duty
- Starting and charging system (24-volt)
- Receptacle, starting, 24-volt

### OPERATOR ENVIRONMENT

- Air conditioner
- Bucket/work tool function lockout
- Cab, pressurized and sound-suppressed ROPS/FOPS
- Radio-ready (entertainment) includes antenna, speakers and converter (12-volt, 10-amp)
- Coat hook
- Computerized monitoring system
- Instrumentation, gauges:
  - Digital gear range indicator
  - Engine coolant temperature
  - Fuel level
  - Hydraulic oil temperature
  - Speedometer/tachometer
  - Transmission oil temperature
- Instrumentation, warning indicators:
  - Air inlet heater
  - Axle oil temperature
  - Electrical, alternator output
  - Engine inlet manifold temperature
  - Engine oil pressure
  - Fuel level
  - Fuel pressure, hi/low
  - Parking brake
  - Primary steering oil pressure
  - Service brake oil pressure
  - Transmission filter bypass

- Controls, electro-hydraulic, lift and tilt function
- Heater and defroster
- Horn, electric (console)
- Light, dome (cab)
- Lunch box, beverage holders and personal tray
- Mirror, rearview (internally mounted)
- Mirrors, external
- Seat, Cat Comfort (cloth) with air suspension
- Seat belt, retractable, 51 mm (2 in) wide
- Steering column, adjustable angle (steering wheel – command control steering) and length (command control steering)
- Wet-arm wipers and washers, front and rear – Intermittent front wiper
- Window, sliding (left and right side)

### POWER TRAIN

- Brakes, full hydraulic enclosed wet-disc with Integrated Braking System (IBS) and brake wear indicator
- Engine, Cat C7 with ACERT Technology and ATAAC
- Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand
- Filters, fuel, primary/secondary
- Filters, engine air, primary/secondary/tertiary
- Fuel priming pump (electric)
- Fuel/water separator
- Muffler, sound suppressed
- Radiator, unit core
- Starting aid, air inlet heater
- Switch, transmission neutralizer lockout
- Torque converter
- Transmission, automatic, planetary powershift (4F/4R)
- Single clutch speed shifting (SCSS)/torque based 2-1 shift

### OTHER

- Automatic bucket positioner
- Counterweight
- Couplings, Cat O-ring face seal
- Doors, service access (locked)
- Ecology drains, engine, transmission and hydraulics
- Fenders, steel (front and rear)
- Guard, airborne debris
- Hitch, drawbar with pin
- Hood, non-metallic, power tilting
- Hoses, Cat XT™
- Hydraulic oil cooler
- Kickout, lift and tilt, automatic (in-cab adjustable)
- Linkage, Z-bar, cast cross tube/tilt lever
- Oil sampling valves
- Product Link ready
- Remote diagnostic pressure taps
- Remote FNR
- Service center, electrical and hydraulic
- Sight gauges:
  - Engine coolant
  - Hydraulic oil
  - Transmission oil level
- Sun visor, front
- Steering, load sensing

### TIRES, RIMS, WHEELS

- A tire must be selected from the mandatory attachments section. Base machine price includes an allowance based on a premium radial tire.

### ANTIFREEZE

- Premixed 50% concentration of Extended Life Coolant with freeze protection to –34° C (–29° F)

## Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

- Aggregate Autodig System
- Autolube
- Buckets and work tools
- Bucket Ground Engaging Tools (GET) – see Cat dealer for details
- Camera, rear vision
- Ashtray
- Cooler, axle oil
- Differentials
  - Limited slip, front or rear
- Drain, axle ecology
- Fenders, roading
- Fender extensions
- Guard, axle seal
- Guard, front window, wide or small mesh
- Guard, power train
- Heater, engine coolant, 120- or 240-volt
- High Ambient Cooling Package
- Hydraulic arrangement, three-valve
- Joystick control, two- or three-valve
- Lights, directional
- Lights, high intensity discharge (HID)
- Lights, roading
- Light, warning beacon
- Lights, work, cab-mounted
- Machine Security System
- Mirrors, heated external, folding
- Payload Control System
  - Payload Control System Printer
- Platform, window cleaning
- Precleaner, turbine
- Precleaner, turbine/trash
- Product Link (GPS, GSM WW, GSM China)
- Quick Coupler
- Quick Coupler, Ready
- Radio, AM/FM Weatherband (CD)
- Radio, CB-ready
- Rear ladder, right
- Remote pressure taps, transmission
- Ride Control System, two- or three-valve
- Seat belt, 76 mm (3 in) wide
- Sound suppression, exterior
- Starting aid, ether
- Steering, Command Control System
- Steering, secondary
- Special Machine Arrangements
  - High Lift Arrangement, two- and three-valve (966H/972H)
  - Forest Machine Arrangement (966H)
  - Industrial Loader Arrangement (966H/972H)
- Tool box
- Variable Pitch Fan (VPF)

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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