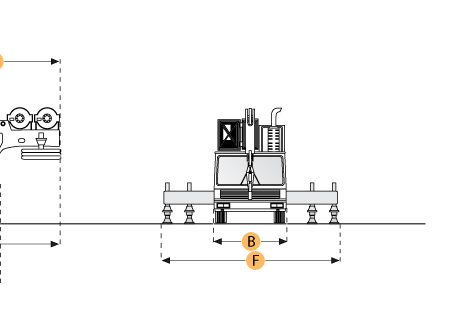
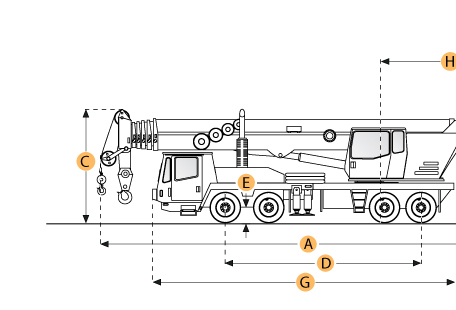
**KATO nk800 Hydraulic Truck Crane**



**Selected Dimensions**

|  |  |  |
| --- | --- | --- |
| Boom | | |
| I. Min Height @ Max Raise Angle | 49.2 ft in | 15 m |
| J. Max Height @ Max Raise Angle - no jib | 154.2 ft in | 47 m |
| K. Min Working Radius | 8.2 ft in | 2.5 m |
| L. Max Working Radius | 101.7 ft in | 31 m |
| M. Max Elevating Angle | 82 degrees |  |
| Dimensions | | |
| A. Transport Length | 50.5 ft in | 15400 mm |
| B. Transport Width | 9.8 ft in | 3000 mm |
| C. Transport Height | 12.5 ft in | 3800 mm |
| F. Width w/ Outriggers Extended | 24.9 ft in | 7600 mm |
| H. Upper Structure Tail Swing Radius | 13.9 ft in | 4250 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| UPPER STRUCTURE ENGINE | | |
| Make | Mitsubishi | |
| Model | 8DC8 | |
| Gross Power | 197.1 hp | 147 kw |
| Power Measured @ | 2000 rpm | |
| Max Torque | 578.2 lb ft | 784 Nm |
| Torque Measured @ | 1400 rpm | |
| Displacement | 908.5 cu in | 14.9 L |
| CARRIER ENGINE | | |
| Make | Mitsubishi | |
| Model | 8DC9-1A | |
| Gross Power | 315.1 hp | 235 kw |
| Power Measured @ | 2200 rpm | |
| Max Torque | 795.1 lb ft | 1078 Nm |
| Torque Measured @ | 1400 rpm | |
| Displacement | 978.3 cu in | 16 L |
| Operational | | |
| Operating Weight | 132497.8 lb | 60100 kg |
| Carrier Fuel Capacity | 79.3 gal | 300 L |
| Operating Voltage | 24 V | |
| Tire Size | 14.00-20-18PR | |
| Transmission | | |
| Number of Forward Gears | 9 | |
| Number of Reverse Gears | 2 | |
| Max Speed - Forward | 34.2 mph | 55 km/h |
| Boom | | |
| Number of Sections | 5 | |
| Min Height @ Max Raise Angle | 49.2 ft in | 15 m |
| Max Height @ Max Raise Angle - no jib | 154.2 ft in | 47 m |
| Max Elevating Angle | 82 degrees | |
| Max Lift Capacity | 176369.8 lb | 80000 kg |
| Min Working Radius | 8.2 ft in | 2.5 m |
| Max Working Radius | 101.7 ft in | 31 m |
| Swing Speed | 1.6 rpm | |
| Dimensions | | |
| Transport Length | 50.5 ft in | 15400 mm |
| Transport Width | 9.8 ft in | 3000 mm |
| Transport Height | 12.5 ft in | 3800 mm |
| Width w/ Outriggers Extended | 24.9 ft in | 7600 mm |
| Upper Structure Tail Swing Radius | 13.9 ft in | 4250 mm |