



GG613-1

TELEHANDLER



Powered by a three-cylinder, turbocharged Yanmar 3TNV86CT engine with a displacement of 1.6L (45 HP, 3000 rpm), the engine meets emissions standards, providing optimal torque with minimal fuel consumption. The hydrostatic drive system and the PWG hydraulic pump with a flow rate of 54 l/min and a pressure of 225 bar ensure smooth and precise control, enabling efficient management of attachments. The GG613-1 telehandler offers a maximum lifting height of 5280 mm with a standard bucket and 4981 mm with pallet forks. This makes it an ideal solution for loading and transporting materials without the need for additional equipment.

With a 36L fuel tank and a 36L hydraulic oil tank, the machine allows for long work periods without the need for frequent breaks. The 0.5 m³ bucket capacity and a lifting capacity of up to 1200 kg ensure high productivity and operational efficiency. The total length of the GG613-1 (with a standard bucket) is 3944 mm, and its width is 1564 mm, allowing for easy maneuverability even in confined spaces. The turning radius is 3550 mm, providing excellent agility in tight areas.

Specifications

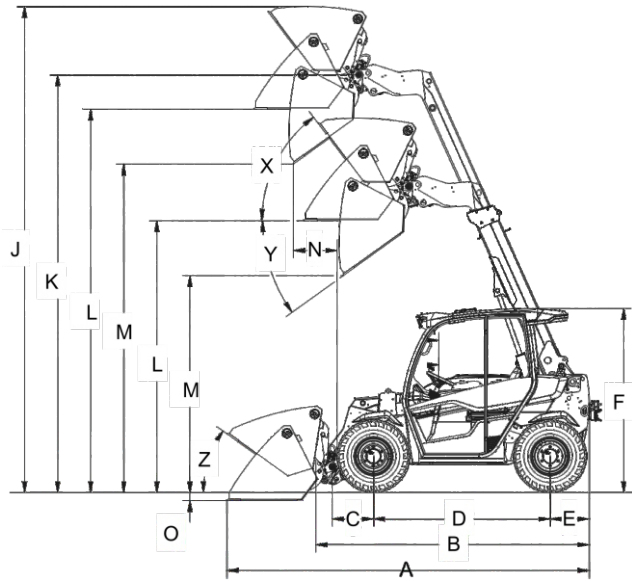
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|-----------------------------|--------------------------------------|
| Maximum Load Capacity | 1200 kg |
| Operating Weight | 2900 kg |
| Engine | Yanmar 3TNV86CT |
| Number of Cylinders | 3 |
| Engine Type | Water-cooled, turbocharged, 4-stroke |
| Rated Power / Speed | 45 KM 3000 rpm |
| Engine Displacement | 1.6 L |
| Drive Type | Hydrostatic driveshaft |
| Axle | Planetary drive on the steering axle |
| Hydraulic System | PWG |
| Working Pump Type | Gear pump |
| Discharge volume | 54 l/min |
| Pump Pressure | 225 Bar |
| Fuel Tank Capacity | 33 L |
| Hydraulic Oil Tank Capacity | 36 L |

Scope of work

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|------------------------------|--------------------|
| Bucket Capacity | 0.5 m ³ |
| Total attachment swing angle | 148 ° |
| First Gear Speed | 0-8 km/h |
| Second Gear Speed | 0-20 km/h |
| Tires | 10.0/75 - 15.3 |

Dimensions

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|----------------------------------------------------------|--------------|
| Overall Length (with standard bucket) | 3944 mm |
| Overall Length (with pallet forks) | 4081 mm |
| Overall Length (without standard bucket) | 2977 mm |
| Bucket Pivot Point (to axle center) | 450 mm |
| Wheelbase | 1922 mm |
| Rear Overhang | 427 mm |
| Height with Cabin | 1995 mm |
| Total Working Height (with standard bucket) | 5280 mm |
| Total Working Height (with pallet forks) | 4981 mm |
| Max Blade Pivot Height | 4537 mm |
| Extended Boom Loading Height | 4163 mm |
| Retracted Boom Loading Height | 2949 mm |
| Loading Height (with pallet forks) | 4301/3087 mm |
| Extended Boom Dumping Height | 3566 mm |
| Retracted Boom Dumping Height | 2352 mm |
| Working Distance | 476 mm |
| Maximum Reach at Loading Height | 2289/932 mm |
| Digging Depth | 96 mm |
| Overall Width | 1564 mm |
| Tire Width | 1245 mm |
| Ground Clearance | 294 mm |
| Maximum Outer Turning Radius (depending on bucket width) | 3550 mm |
| Outer Edge Turning Radius | 2695 mm |
| Inner Turning Radius | 951 mm |
| Tilt Angle at Maximum Lift Height | 52° |
| Dump Angle at Maximum Lift Height | 31° |
| Tilt Angle at Maximum Lift Height | 44° |
| Dump Angle at Maximum Lift Height | 7° |



■ **Diagram GG 613-1**

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|----|----------------------------------------------------------|--------------|
| A | Overall Length (with standard bucket) | 3944 mm |
| A1 | Overall Length (with pallet forks) | 4081 mm |
| B | Overall Length (without standard bucket) | 2977 mm |
| C | Bucket Pivot Point (to axle center) | 450 mm |
| D | Wheelbase | 1922 mm |
| E | Rear Overhang | 427 mm |
| F | Height with Cabin | 1995 mm |
| J | Total Working Height (with standard bucket) | 5280 mm |
| J1 | Total Working Height (with pallet forks) | 4981 mm |
| K | Max Blade Pivot Height | 4537 mm |
| L | Extended Boom Loading Height | 4163 mm |
| L1 | Retracted Boom Loading Height | 2949 mm |
| L1 | Loading Height (with pallet forks) | 4301/3087 mm |
| M | Extended Boom Dumping Height | 3566 mm |
| M1 | Retracted Boom Dumping Height | 2352 mm |
| N | Working Distance | 476 mm |
| N1 | Maximum Reach at Loading Height | 2289/932 mm |
| O | Digging Depth | 96 mm |
| P | Overall Width | 1564 mm |
| Q | Tire Width | 1245 mm |
| S | Ground Clearance | 294 mm |
| T | Maximum Outer Turning Radius (depending on bucket width) | 3550 mm |
| U | Outer Edge Turning Radius | 2695 mm |
| V | Inner Turning Radius | 951 mm |
| X | Outer Edge Turning Radius | 52° |
| Y | Inner Turning Radius | 31° |
| Z | Outer Edge Turning Radius | 44° |

