



GG613-1

TELEHANDLER

The machine is equipped with a three-cylinder, turbocharged Yanmar 3TNV86CT engine with a displacement of 1.6L, delivering 32.4 kW (45 HP) at 3000 rpm and a maximum torque of 92 Nm. The engine provides dynamic and smooth operation while maintaining low fuel consumption. Thanks to liquid cooling, it meets emission standards and offers long-lasting performance.

The GG613-1 features a hydrostatic drive system that ensures smooth acceleration and precise maneuvering under various conditions. The PWG hydraulic pump, with a flow rate of 54 L/min and a working pressure of 225 bar, enables fast and accurate control of the attachments, greatly improving work efficiency. The GG613-1 offers a lifting capacity of up to 1200 kg, making it an ideal tool for working in tough conditions. The maximum lifting height is 5.28 m with a standard bucket, and 4.98 m with pallet forks. The bucket capacity is 0.5 m³, ensuring efficient handling of loose materials and pallets. The working range at the maximum loading height is 2.29 m.

■ Specifications

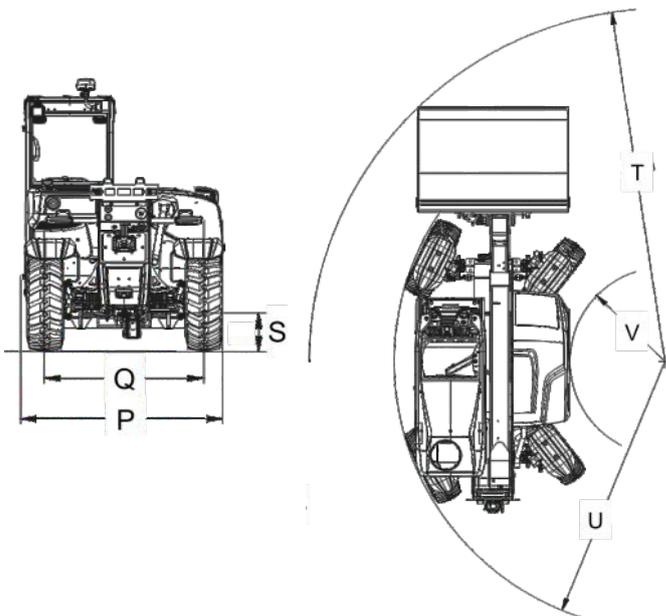
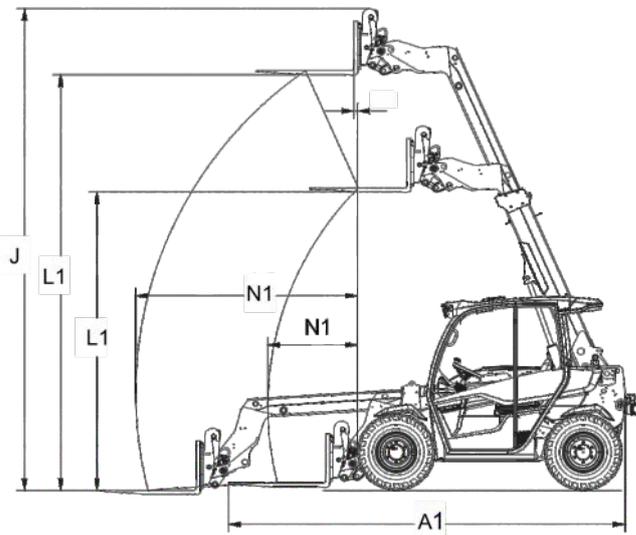
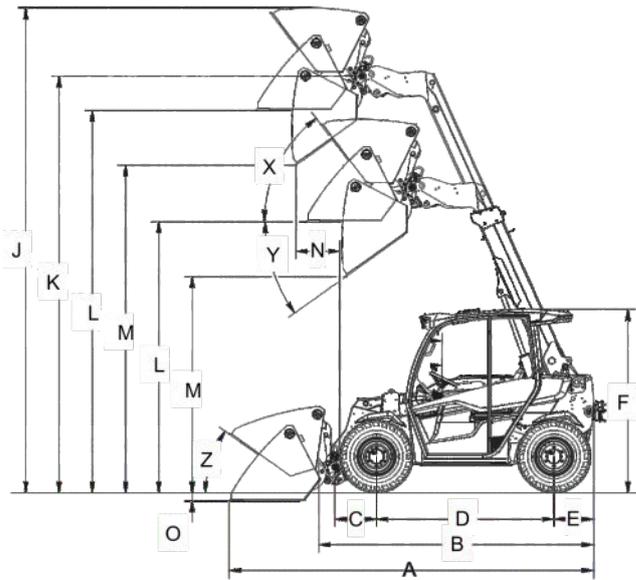
Maximum Load Capacity	1200 kg
Operating Weight	2900 kg
Engine	Yanmar 3TNV86CT
Number of Cylinders	3
Engine Type	Water-cooled, turbocharged, 4-stroke
Rated Power / Speed	32.4 kW / 45 HP at 3000 rpm
Engine Displacement	1.6 L
Drive Type	Hydrostatic driveshaft
Axle	Planetary drive on the steering axle
Hydraulic System	PWG
Working Pump Type	Gear pump
Discharge volume	54 L
Pump Pressure	225 Bar
Fuel Tank Capacity	36 L
Hydraulic Oil Tank Capacity	33 L

■ Scope of work

Bucket Capacity	0.5 m ³
First Gear Speed	0-8 km/h
Second Gear Speed	0-20 km/h
Tires	10.0/75 - 15.3

■ Dimensions

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

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
L	Retracted Boom Loading Height	2949 mm
L1	Loading Height (with pallet forks)	4301/3087 mm
M	Extended Boom Dumping Height	3566 mm
M	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°

