

# WHEEL LOADERS

To fulfill the needs and demands of her customers TOBROCO offers a wide range of wheel loaders. This range consists out of different types of loaders with a service weight between 1.000 kg and 6.000 kg. In this leaflet, we will show you the range of GIANT's with a service weight of 3.100 kg to 3.400 kg. In this leaflet you find the machines in the heavy comfort range. For further information about other types and implements we refer to our other leaflets or our website ([www.tobroco-giant.com](http://www.tobroco-giant.com)).



V4502T X-TRA & V5003 X-TRA

The GIANT X-TRA range is based on the normal range. The lower front frame gives these GIANT's have a higher tipping load. And because of their lower centre of gravity our loaders are secure and have an good stability even under difficult conditions. The X-TRA models are often used in earthworks and road construction. The X-TRA models dont have Z-kinematic.

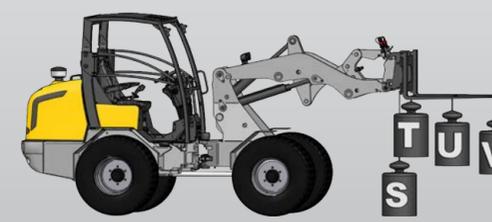
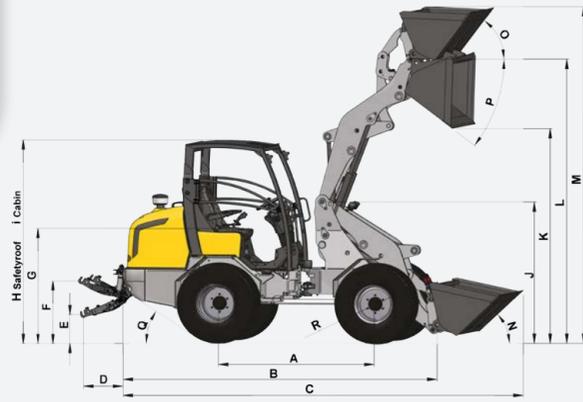
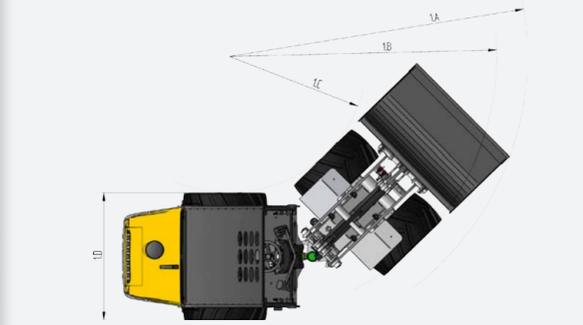
V4502T & V5003

The GIANT V4502T and the GIANT V5003 have an unique design, cyclone filter, main switch electro, ROPS/FOPS safetyroof, luxury seat, standard 1 counterweight integrated in the backside. Heavy planetary end drive axles with electric 100% differential lock on both 12 tons axles. The machine has a hydraulic quick change with 3e hydraulic function. Also a robust Z-kinematic on the lifting arm. The kinematic system has been designed in such a way to facilitate the quick loading and unloading of your cargo. There is a better visibility on the working tools with Z kinematic.

V5003 HD & V5003 X-TRA HD

The GIANT V5003 HD Series are equipped with a 50 hp Kubota turbo engine, 14 tons heavy planetary end drive axles with electric 100% differential-lock, top speed 28 km/h and is the strongest machine of the range. The V5003 HD has an Z-kinematic lifting arm, lifting height 329 cm. The kinematic system has been designed in such a way to facilitate the quick loading and unloading of your cargo. There is a better visibility on the working tools with Z kinematic. The X-TRA has a lower front frame these GIANT's have a higher tipping load. And because of their lower centre of gravity our loaders are secure and have a good stability even under difficult conditions.

# TECHNICAL SPECIFICATIONS



	V4502T	V4502T X-TRA	V5003	V5003 X-TRA	V5003 HD	V5003 X-TRA HD
<b>Engine</b>	4 cylinder Kubota turbo 45 hp / 33 kW	4 cylinder Kubota turbo 45 hp / 33 kW	4 cylinder Kubota 50 hp / 36 kW	4 cylinder Kubota 50 hp / 36 kW	4 cylinder Kubota 50 hp / 36 kW	4 cylinder Kubota 50 hp / 36 kW
<b>Transmission</b>	Hydraulic 4WD with automotive control, drive shafts, 12 tonnes axles, Planetary end drive	Hydraulic 4WD with automotive control, drive shafts, 12 tonnes axles, Planetary end drive	Hydraulic 4WD with automotive control, drive shafts, 12 tonnes axles, Planetary end drive	Hydraulic 4WD with automotive control, drive shafts, 12 tonnes axles, Planetary end drive	Hydraulic 4WD with automotive control, drive shafts, 14 tonnes HD axles, Planetary end drive	Hydraulic 4WD with automotive control, drive shafts, 14 tonnes HD axles, Planetary end drive
<b>Driving speed</b>	0 - 10 km/h	0 - 10 km/h				
<b>Working hydraulics</b>	60 L/min, (215 bar)	60 L/min, (215 bar)	56 L/min, (215 bar)	56 L/min, (215 bar)	56 L/min, (215 bar)	56 L/min, (215 bar)
<b>Tipping load <sup>1</sup></b>	2.000 kg	3.480 kg	2.030 kg	3.500 kg	2.200 kg	3.800 kg
<b>Lift capacity</b>	2.460 kg	2.880 kg	2.480 kg	2.900 kg	2.500 kg	2.920 kg
<b>Weight <sup>2</sup></b>	3.200 kg	3.100 kg	3.300 kg	3.100 kg	3.400 kg	3.300 kg
<b>Parking brake</b>	Drum brake / mechanical	Drum brake / mechanical				
<b>Diesel capacity</b>	68 L	49 L	68 L	49 L	68 L	49 L
<b>Oil capacity</b>	83 L	83 L				
<b>Attachment bracket</b>	GIANT STANDARD Hydraulic	GIANT STANDARD Hydraulic				
<b>Tyres</b>	*11.5x80-15.3 AS* (1.340 mm)	*12.0/75-18 TR-11* (1.400 mm)	*12.0/75-18 TR-11* (1.400 mm)			

	V4502T	V4502T X-TRA	V5003	V5003 X-TRA	V5003 HD	V5003 X-TRA HD
<b>A Wheel base</b>	1.831	1.831	1.831	1.831	1.831	1.831
<b>B Total lenght without bucket</b>	3.790	3.690	3.790	3.690	3.790	3.690
<b>C Total lenght with bucket</b>	4.525	4.525	4.525	4.525	4.525	4.525
<b>D Lenght 3-point lifting arm (option)</b>	540	540	540	540	540	540
<b>E Min height 3 point hitch</b>	253	253	253	253	253	253
<b>F Max. height 3 point hitch</b>	652	652	652	652	652	652
<b>G Seat height</b>	1.225	1.225	1.225	1.225	1.270	1.270
<b>H Max. height with ROPS/FOPS safetyroof</b>	2.275	2.275	2.275	2.275	2.320	2.320
<b>I Max. height with cabin</b>	2.242	2.242	2.242	2.242	2.287	2.287
<b>J Height frontframe</b>	1.711	1.680	1.711	1.680	1.711	1.680
<b>K Max. dump bucket</b>	2.449	1.800	2.449	1.800	2.494	1.845
<b>L Max. bucket pin height</b>	3.247	2.658	3.247	2.658	3.292	2.703
<b>M Height with bucket</b>	3.753	3.244	3.753	3.244	3.798	3.244
<b>N Roll back angle ground level</b>	41°	41°	41°	41°	41°	41°
<b>O Roll back angle</b>	57°	44°	57°	44°	57°	44°
<b>P Max. dump angle</b>	43°	47°	43°	47°	43°	47°
<b>Q Max. drive angle</b>	30°	30°	30°	30°	30°	30°
<b>R Diameter standaard tyre</b>	Ø 850	Ø 850	Ø 850	Ø 850	Ø 940	Ø 940
<b>1A Maximum radius</b>	3.281	3.281	3.281	3.281	3.281	3.281
<b>1B Outer turning radius</b>	2.859	2.859	2.859	2.859	2.859	2.859
<b>1C Inner turning radius</b>	1.476	1.476	1.476	1.476	1.476	1.476
<b>1D Total width (until)</b>	1.340	1.340	1.340	1.340	1.400	1.400

	V4502T	V4502T X-TRA	V5003	V5003 X-TRA	V5003 HD	V5003 X-TRA HD
<b>S</b>	2.000 kg	3.530 kg	2.030 kg	3.550 kg	2.200 kg	3.800 kg
<b>T</b>	1.950 kg	2.700 kg	1.980 kg	2.720 kg	2.250 kg	2.850 kg
<b>U</b>	1.450 kg	1.990 kg	1.470 kg	2.010 kg	1.685 kg	2.200 kg
<b>V</b>	1.150 kg	1.450 kg	1.170 kg	1.470 kg	1.375 kg	1.575 kg
<b>W</b>	2.700 kg	3.800 kg	2.720 kg	3.820 kg	3.150 kg	4.100 kg
<b>X</b>	1.920 kg	2.450 kg	1.950 kg	2.460 kg	2.275 kg	2.650 kg
<b>Y</b>	1.450 kg	1.640 kg	1.470 kg	1.660 kg	1.800 kg	1.880 kg

Sizes in mm. Tippingload in straight position, without extra counterweights. Data is subject to change.  
<sup>1</sup> Measured on hinge point in straight position.  
<sup>2</sup> Measured with standard bucket and driver.