

# INTRODUCTION

With correct maintenance and proper use, the Gehl V270/V330 and Mustang 2700V/3300V skid-steer loaders will give years of dependable service. This service manual is intended to be a guide in the assembly and disassembly, installation and removal, adjustment and testing, troubleshooting and replacement of components that together make up the Gehl V270/V330 and Mustang 2700V/3300V skid-steer loaders.

In many of the procedures found within, the installation steps are the exact opposite of the removal steps, and therefore the opposite procedure is not written. Instead, a note to reverse the procedure is stated. This reduces redundancy and excessive pages in the manual. In cases though, where the assembly and disassembly or removal and installation procedures differ, and additional steps or safety concerns are paramount, the entire reverse procedure is written to include the additional information.

The Table of Contents and the Index can be used to make finding a procedure easier. Many schematics, photographs and line art drawings are used to help perform the necessary repairs, tests and adjustments that the skid-steer loader needs to keep it in good running condition.

If you have any questions, please contact your authorized Gehl or Mustang dealer, or call the Gehl and Mustang Service Department for assistance.

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**SPECIFICATIONS**

<b>Model</b>	<b>V270 / 2700V</b>	<b>V330 / 3300V</b>
Engine Make	Yanmar	Yanmar
Engine Model	4TNV98T-ZNMS	4TNV98T-ZNMS
Fuel	Diesel	Diesel
Displacement	202 CID (3,31 L)	202 CID (3,31 L)
Horsepower - Net	84 hp (63 kW) @ 2500 rpm	84 hp (63 kW) @ 2500 rpm
Peak Torque	215 lbf-ft. (292 N•m) @ 1850 rpm	215 lbf-ft. (292 N•m) @ 1850 rpm
Rated Operating Capacity*	2700 lbs. (1225 kg)	3300 lbs. (1497 kg)
Operating Weight	8100 lbs. (3674 kg)	9010 lbs. (4087 kg)
Shipping Weight	7300 lbs. (3211 kg)	8400 lbs. (3810 kg)
<b>Capacities</b>	<b>Capacities</b>	
Engine Oil	11.0 US qts. (10,4 L)	11.0 US qts. (10,4 L)
Fuel Tank	20.0 US gal. (75,7 L)	20.0 US gal. (75,7 L)
Chaincase (each)	10.0 US qts. (9,5 L)	10.0 US qts. (9,5 L)
Hydraulic Reservoir	10.5 US gal. (39,7 L)	10.5 US gal. (39,7 L)
Engine Coolant	9.0 US qts. (8,5 L)	9.0 US qts. (8,5 L)
<b>Electrical System</b>	<b>Specifications</b>	
Battery	12-V DC, Group 31, 950 CCA, 170 Res.	12-V DC, Group 31, 950 CCA, 170 Res.
Starter	12-V DC (3,0 kW)	12-V DC (3,0 kW)
Alternator	95 A	95 A
<b>Hydraulic System</b>	<b>Specifications</b>	
Hydraulic System Relief Pressure	3300 psi (228 bar)	3450 psi (238 bar)
High-Flow System Relief Pressure	3200 psi (221 bar)	3200 psi (221 bar)
Standard Auxiliary Flow Rate	21.75 gpm (82,3 L/min)	21.75 gpm (82,3 L/min)
High-Flow Auxiliary Flow Rate	36.3 gpm (137,4 L/min)	36.3 gpm (137,4 L/min)
Travel Speed - Single-Speed	0 to 8.1 mph (0 to 13,03 km/h)	0 to 8.1 mph (0 to 13,03 km/h)
Travel Speed - Two-Speed (option)	0 to 11.9 mph (0 to 19,2 km/h)	0 to 11.9 mph (0 to 19,2 km/h)
<b>Tire Options</b>	<b>Description</b>	
12 x 16.5 Heavy-Duty 10-Ply	Flotation	Flotation
12 x 16.5 Heavy-Duty 10-Ply	Flotation, Foam-Filled	Flotation, Foam-Filled
33 x 15.5 x 16.5 Heavy-Duty 12-Ply	Extra Wide	Extra Wide
14 x 17.5 Heavy-Duty 12-Ply	Flotation	Flotation
12 x 16.5 Severe-Duty 12-Ply	Severe Duty	Severe Duty
12 x 16.5 Severe-Duty 12-Ply	Severe Duty, Foam-Filled	Severe Duty, Foam-Filled
12 x 16.5 Heavy-Duty 10-Ply	Flotation, Quik-Gel	Flotation, Quik-Gel
14 x 17.5 Severe-Duty 14-Ply	Flotation	Flotation
12 x 16.5 Solid-Flex	Solid, Foam-Filled	Solid, Foam-Filled
14 x 17.5 Solid-Flex	Solid, Foam-Filled	Solid, Foam-Filled
8 x 16 Solid Rubber	Solid Rubber	Solid Rubber
<b>Buckets and Capacities</b>		
<b>Width - Description</b>	<b>Capacity (Heaped)</b>	
70 inches (1778 mm) - Dirt/Construction	16.9 cubic feet; (0,48 cubic meters)	16.9 cubic feet; (0,48 cubic meters)
74 inches (1879 mm) - Dirt/Construction	20.2 cubic feet; (0,57 cubic meters)	20.2 cubic feet; (0,57 cubic meters)
15.75-19.68-24 inches (400-500-610 mm) Pallet	Not Applicable	Not Applicable

\* V270/2700V Models: Operating load rated with an 70 in. (1778 mm) 16.1 cu. ft. (0.46 m3) Dirt Construction bucket with spill-guard and 12 x 16.5 NHS tires in accordance with SAE J818 and ISO 14397-1.

\* V330/3300V Models: Operating load rated with an 74 in. (1879 mm) 19.2 cu. ft. (0.54 m3) Dirt Construction bucket with spill-guard and 14 x 17.5 NHS tires in accordance with SAE J818 and ISO 14397-1.