

Maintenance

A-4 Lubricate the Boom



Genie specifications require that this procedure be performed every 8 hours or daily, whichever comes first.

Greasing the specified locations is essential for good machine performance and service life.

Operating the machine with little or no grease may cause the machine to perform poorly and continued use may cause component damage.

Grease Specification

MASCHERPA GR 529

Genie part number 09.4693.0007

1. Fully extend and raise the boom, then retract the boom, checking to insure it operates smoothly. There should be a light film of lubricant on wear pad contact surfaces.
 - ⊙ Result: Boom operates smoothly and a thin film of lubricant is visible. Proceed to step 4.
 - ☒ Result: Boom does not extend or retract smoothly and no lubricant is visible on wear pad contact surfaces. Proceed to step 2.
2. Apply a thin layer of grease to the underside of the number 2 boom tube where it makes contact with the number 1 boom tube lower wear pads.
3. Lubricate the top and side boom tube wear pads.
4. Return the boom to the stowed position.
5. Reach the pivot end of the boom and lubricate the chain return pulley using a grease gun.

A-5 Perform Engine Maintenance - Perkins Models



Engine specifications require that this procedure be performed every 8 hours or daily, whichever comes first.

Deutz TD 2.9 L4

Lubricating oil level - check/add

Coolant level - check/add

Visual inspection

Suction air filter/dry air filter - check

Fuel pre-filter - check/empty water

Only for Deutz TD 2.9 L4 - Stage IIIB

**Exhaust system including exhaust
aftertreatment components - check for leaks**

Required maintenance procedures and additional engine information is available in the Deutz TD 2.9 L4 Operation and Maintenance Manual (Deutz part number 0312 3893).

Deutz TD 2.9 L4 Operation and Maintenance Manual

Genie part number

57.4700.0006

Maintenance

Scheduled Maintenance

Machines that have been out of service for more than three months must receive the quarterly inspection before they are put back into service.

Model
Serial number
Date
Hour meter
Machine owner
Inspected by (print)
Inspector signature
Inspector title
Inspector company

Instructions

- Make copies of this report to use for each inspection.
- Select the appropriate checklist(s) for the type of inspection to be performed.

☐

Daily or 8 hours

Inspection: A

- Place a check in the appropriate box after each inspection procedure is completed.
- Use the step-by-step procedures in this section to learn how to perform these inspections.
- If any inspection receives an "N", tag and remove the machine from service, repair and re-inspect it. After repair, place a check in the "R" box.

Checklist A	Y	N	R
A-1 Manuals and decals			
A-2 Pre-operation inspect			
A-3 Function tests			
A-4 Lubricate the boom			
A-5 Engine maintenance			
Perform after first 10 hours:			
A-6 Axle maintenance			
Perform after first 100/250 hours:			
A-7 Axle maintenance			

Interlocks Spare Parts	
LMI Display & Board	56.0016.0132
Enabling Function Switch on Joystick	07.0741.0225
Emergency Stop Switch	56.0016.0091
Seat Switch	07.0703.0484

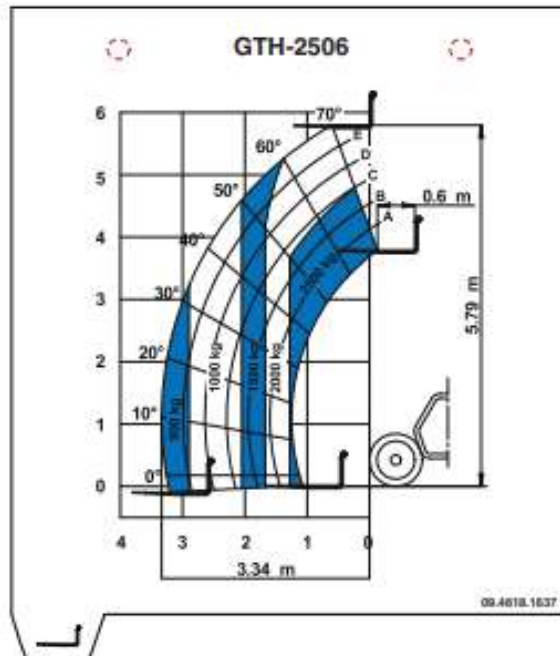
Specifications

GTH-2506	
Height, stowed	1.92 m
Length, stowed, at fork-holder plate	3.84 m
Width, standard tires	1.81 m
Wheelbase	2.36 m
Ground clearance, center	0.33 m
Weight	4,580 kg
Working fork height, maximum	5.79 m
Horizontal reach maximum	3.35 m
Reach at maximum height	0.60 m
Lift capacity, maximum height	2,000 kg
Lift capacity, maximum reach	900 kg
Maximum lift capacity	2,500 kg
Drive speed, maximum,	23 km/h
Turning radius, outside, 2 wheel steer	5.4 m
Turning radius, outside, 4 wheel steer	4 m
Fuel tank capacity	60 L
Maximum grade	50 %
Horn sound level, manufacturer's rating	112 dB
Backup alarm sound level, manufacturer's rating	95 dB
Mean assessed vibration level transmitted to body	0.44 m/s ²
Sound pressure level at the operator position (in accordance with EN12053) only for STAGE 3B	78 dB
Guaranteed sound power level LwA (in accordance with the Directive 2000/14/CE) only for stage 3B	104 dB
Floor loading information	
Tire load, maximum	3,500 kg
Occupied floor pressure	7.5 kPa

GTH-3007	
Height, stowed	2.07 m
Length, stowed, at fork-holder plate	4.66 m
Width, standard tires	1.99 m
Wheelbase	2.66 m
Ground clearance, center	0.43 m
Weight	5,970 kg
Working fork height, maximum	6.89 m
Horizontal reach maximum	3.99 m
Reach at maximum height	0.76 m
Lift capacity, maximum height	2,500 kg
Lift capacity, maximum reach	1,000 kg
Maximum lift capacity	3,000 kg
Drive speed, maximum,	30 km/h
Turning radius, outside, 2 wheel steer	7.1 m
Turning radius, outside, 4 wheel steer	4.4 m
Fuel tank capacity	90 L
Maximum grade	35 %
Horn sound level, manufacturer's rating	112 dB
Backup alarm sound level, manufacturer's rating	95 dB
Mean assessed vibration level transmitted to body	0.40 m/s ²
Sound pressure level at the operator position (in accordance with EN12053) only for STAGE 3B	78 dB
Guaranteed sound power level LwA (in accordance with the Directive 2000/14/CE) only for STAGE 3B	104 dB
Floor loading information	
Tire load, maximum	2,285 kg
Occupied floor pressure	7.2 kPa

Load Charts

GTH-2506, Standard Carriage



GTH-2506, Hook

