



Operator's Manual

S-100

S-105

S-120

S-125

AUS
Australia

with
Maintenance
Information

Sixth Edition
Second Printing
Part No. 226484

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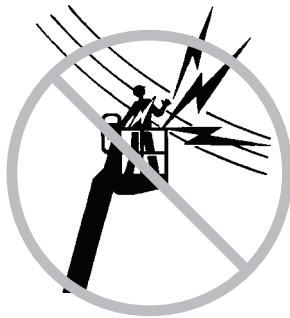


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Work Area Safety

⚠️ Electrocuting Hazards

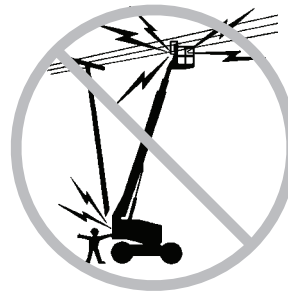


This machine is not electrically insulated and will not provide protection from contact with or proximity to electrical current.

Maintain safe distances from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart.

| Line Voltage | Required Clearance |
|-----------------|--------------------|
| 0 to 50KV | 3.0 m |
| 50KV to 200KV | 4.6 m |
| 200KV to 350KV | 6.1 m |
| 350KV to 500KV | 7.6 m |
| 500KV to 750KV | 10.6 m |
| 750KV to 1000KV | 13.7 m |

Allow for platform movement, electrical line sway or sag and beware of strong or gusty winds.



Keep away from the machine if it contacts energized power lines. Personnel on the ground or in the platform must not touch or operate the machine until energized power lines are shut off.

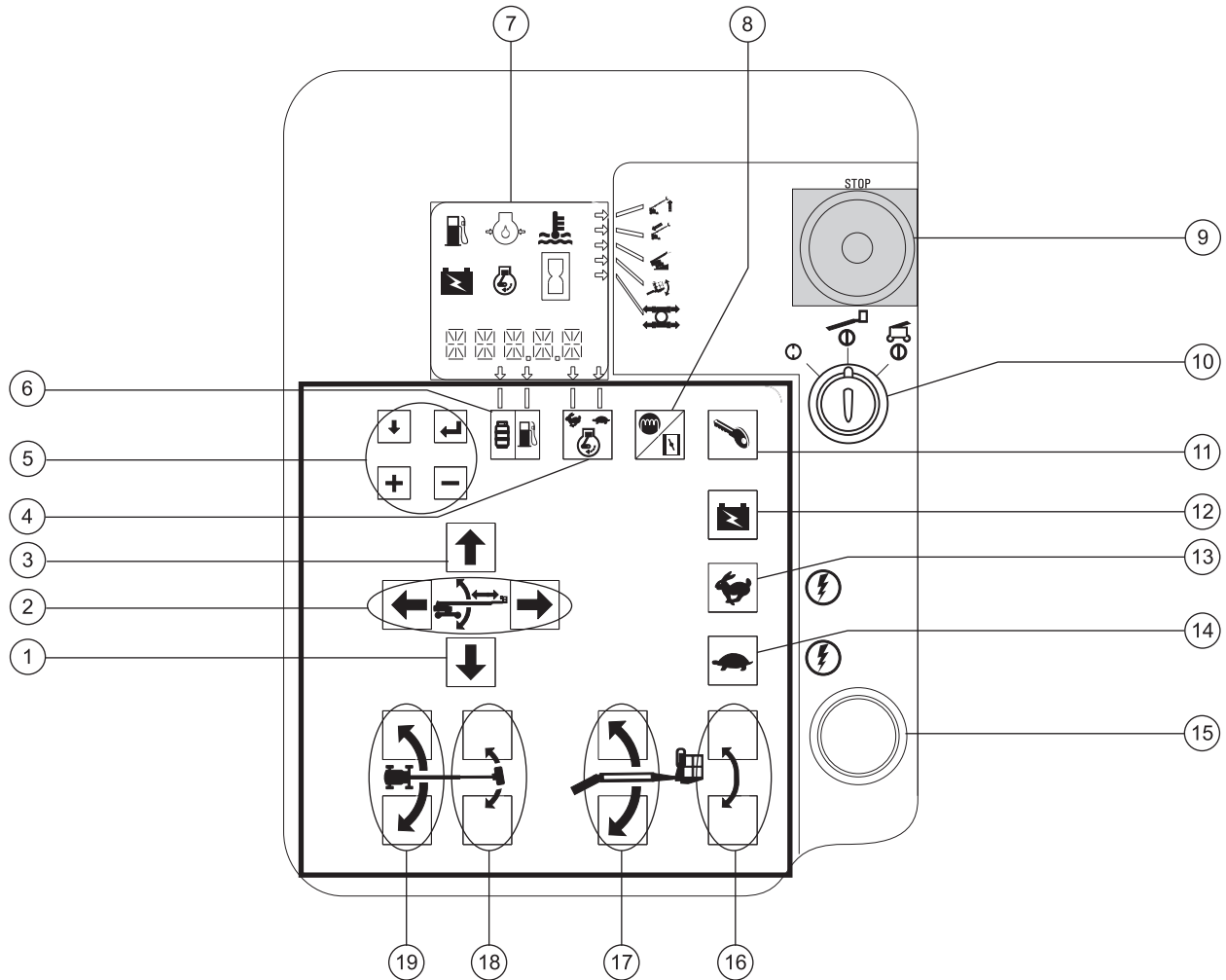
Do not use the machine as a ground for welding unless the machine is equipped with the weld line to platform option and it is properly connected.

⚠️ Tip-over Hazards

Occupants, equipment and materials shall not exceed the maximum platform capacity.

| Maximum platform capacity | |
|---------------------------|--------|
| S-100 | 340 kg |
| S-105 | 227 kg |
| S-120 | 340 kg |
| S-125 | 227 kg |
| Maximum occupants | |
| | 2 |

Controls



Ground Control Panel

- | | |
|--|---|
| 1 Boom down button | 11 Engine start button |
| 2 Boom extend/retract buttons | 12 Emergency power button |
| 3 Boom up button | 13 High speed function enable button |
| 4 Engine speed select button | 14 Low speed function enable button |
| 5 LCD screen control buttons | 15 Alarm |
| 6 Gasoline/LPG select button | 16 Platform level up/down buttons |
| 7 LCD readout screen | 17 S-105 and S-125 models: Jib boom up/down buttons |
| 8 Diesel models: Glow plug button Gasoline/LPG models: Choke button | 18 Platform rotate left/right buttons |
| 9 Red Emergency Stop button | 19 Turntable rotate left/right buttons |
| 10 Key switch for off/platform/ground selection | |

Inspections



Do Not Operate Unless:

- ☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

- 1 Avoid hazardous situations.
- 2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

Know and understand the function tests before going on to the next section.

- 4 Inspect the workplace.
- 5 Only use the machine as it was intended.

Function Test Fundamentals

The function tests are designed to discover any malfunctions before the machine is put into service. The operator must follow the step-by-step instructions to test all machine functions.

A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service. Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

After repairs are completed, the operator must perform a pre-operation inspection and function tests again before putting the machine into service.

- 1 Select a test area that is firm, level and free of obstruction.

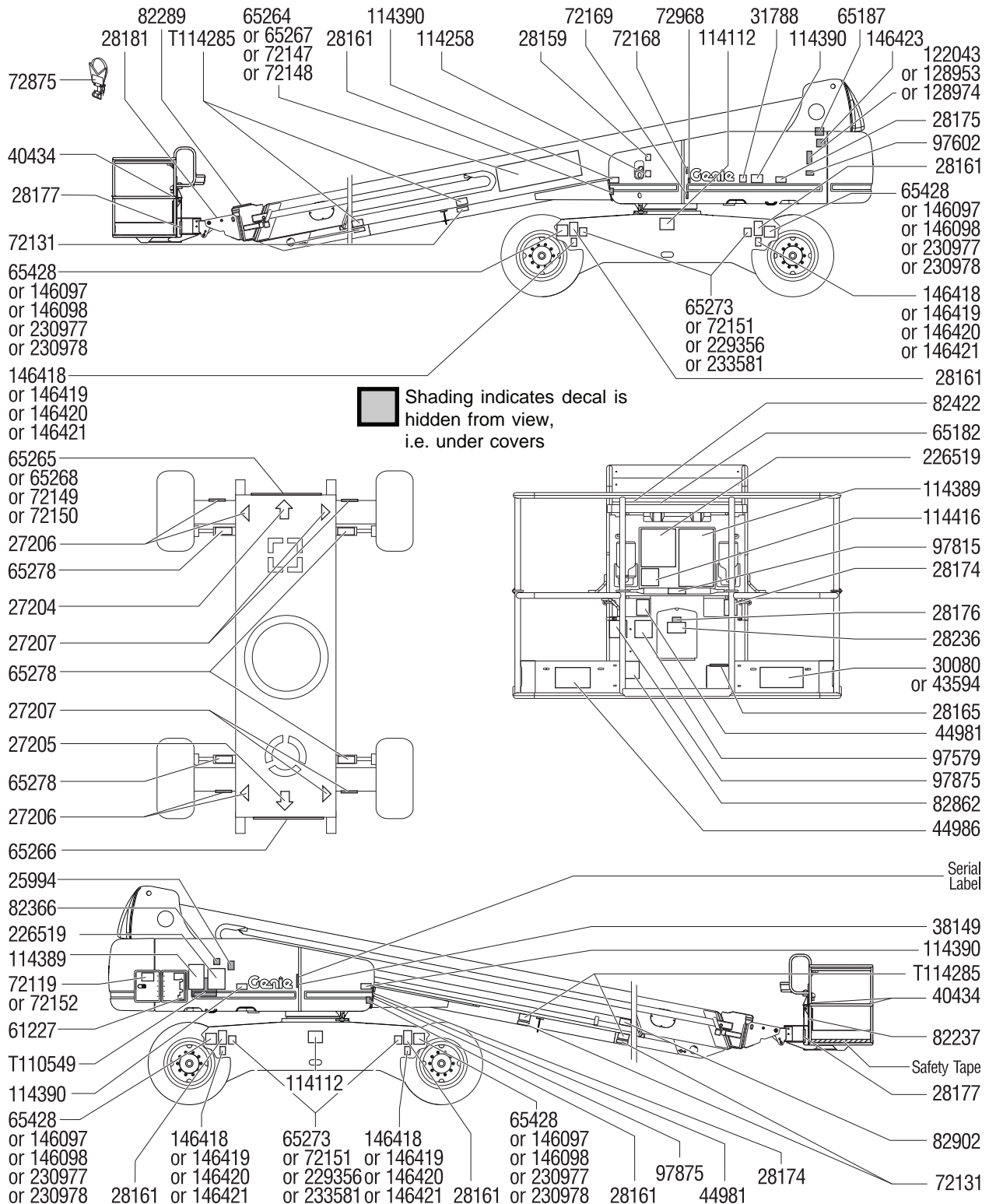
At the Ground Controls

- 2 Turn the key switch to ground control.
- 3 Pull out the red Emergency Stop button to the on position.
- ⦿ Result: The LCD screen will come on and display no error messages. The beacon (if equipped) should flash.

Note: In cold climates, the LCD readout screen will need to warm up before the display appears.

- 4 Start the engine (see Operating Instructions section).

Inspections





Transport Instructions Observe and Obey:

- ☑ Genie Industries provides this securement information as a recommendation. Drivers are solely responsible for making sure machines are properly secured and the correct trailer is selected pursuant to US Department of Transportation regulations, other localized regulations, and their company policy.
- ☑ Genie customers needing to containerize any lift or Genie product should source a qualified freight forwarder with expertise in preparing, loading and securing construction and lifting equipment for international shipment.
- ☑ Only qualified aerial lift operators should move the machine on or off the truck.
- ☑ Transport vehicle must be parked on a level surface.
- ☑ Transport vehicle must be secured to prevent rolling while machine is being loaded.
- ☑ Be sure vehicle capacity, loading surfaces and chains or straps are sufficient to withstand the machine weight. Genie lifts are very heavy relative to their size. See the serial label for the machine weight. See the Decals section for the serial label location.

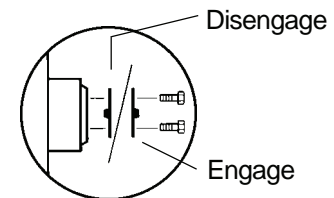
Transport and Lifting Instructions

- ☑ Be sure the turntable is secured with the turntable rotation lock before transporting. Be sure to unlock the turntable for operation.
- ☑ Do not drive the machine on a slope that exceeds the slope or side slope rating. See Driving on a Slope in the Operating Instructions section.
- ☑ If the slope of the transport vehicle bed exceeds the uphill or downhill maximum slope rating, the machine must be loaded and unloaded using a winch as described.

Free-wheel Configuration for Winching

Chock the wheels to prevent the machine from rolling.

Release the wheel brakes by turning over all four torque hub disconnect caps.



Be sure the winch line is properly secured to the drive chassis tie points and the path is clear of all obstructions.

Reverse the procedures described to re-engage the brakes.

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