Genie Industries

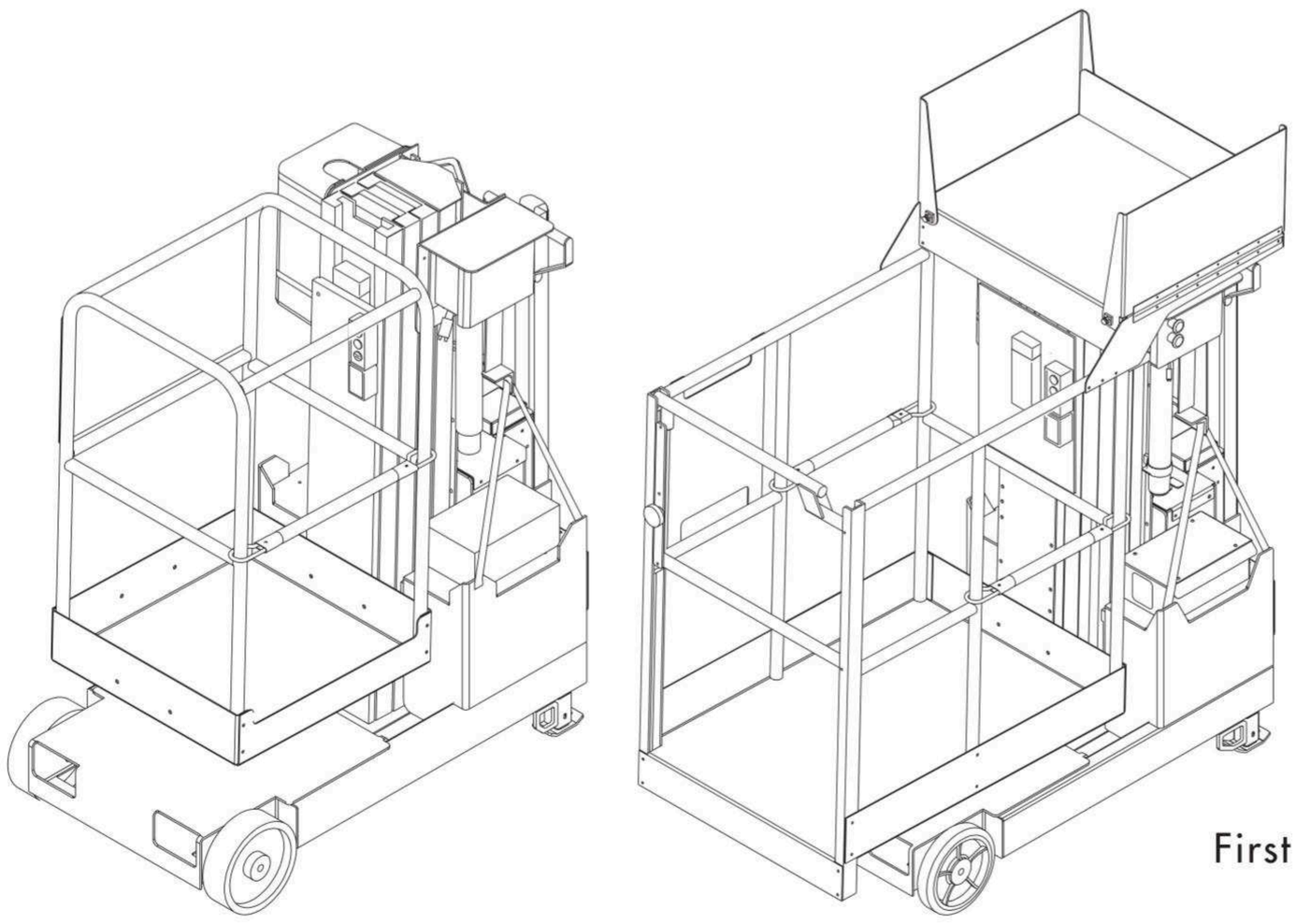
Technical Publications

Genie®
A TEREX COMPANY

Genie® CWP SUPER SERIES

Genie® StockPicker SUPER SERIES

Service Manual



First Edition, First Printing
Part No. 40460

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Specifications

Specifications		
Height, working maximum		
CWP-8	13 ft 11 in	4.2 m
CWP-12	17 ft 3 in	5.3 m
CWP-15	20 ft 8 in	6.3 m
Height, platform maximum		
CWP-8	7 ft 11 in	2.4 m
CWP-12	11 ft 3 in	3.4 m
CWP-15	14 ft 8 in	4.5 m
Lift capacity All models	350 lbs	159 kg
Lift capacity with outreach option	300 lbs	136 kg
Power source		
DC models		12V
AC models		110V or 220V
Machine weight (AC / DC models)		
CWP-8	740 / 830 lbs	336 / 376 kg
CWP-12	800 / 890 lbs	363 / 404 kg
CWP-15	880 / 970 lbs	399 / 440 kg
Height, stowed	63 in	160 cm
Width	29 1/2 in	75 cm
Length	59 in	149.9 cm
Ambient operating temperature		-20°F to 135°F -29°C to 57°C
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		80 dB
Current Protection Rating		
220V AC models		8A fuse, circuit breaker 5A fuse, printed circuit board
110V AC models		15A fuse, circuit breaker 5A fuse, printed circuit board
DC models		175A fuse, power unit 5A fuse, printed circuit board

Platform dimensions	
Standard platform (l x w x h) gated or sliding mid-rail	27 x 26 x 44 3/4 in 69 x 66 x 113.7 cm
Gated ultra-narrow platform (l x w x h)	22 x 18 x 44 3/4 in 56 x 46 x 117 cm
Gated narrow platform (l x w x h)	26 x 20 x 44 3/4 in 66 x 51 x 113.7 cm
Standard fiber platform (l x w x h)	29 x 26 1/2 x 43 1/2 in 74 x 67 x 110 cm
Narrow fiber platform (l x w x h)	26 x 22 x 43 1/2 in 66 x 56 x 110 cm
3-sided entry platform (l x w x h)	30 x 28 x 43 1/2 in 76 x 71 x 110 cm
Extra large platform (l x w x h)	30 x 28 x 43 1/2 in 76 x 71 x 110 cm

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Troubleshooting Flow Charts



Observe and Obey:

- ☑ Troubleshooting and repair procedures shall be completed by a person trained and qualified on the repair of this machine.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunction before operating the machine.

Before Troubleshooting:

- ☑ Read, understand and obey the safety rules and operating instructions printed in the *Genie CWP Super Series Operator's Manual* and the *Genie StockPicker Super Series Operator's Manual*.
- ☑ Be sure that all necessary tools and test equipment are available and ready for use.
- ☑ Read each appropiate flow chart thoroughly. Attempting shortcuts may produce hazardous conditions.
- ☑ Be aware of the following hazards and follow generally accepted safe workshop practices.

⚠DANGER Electrocution hazard. Contact with electrically charged circuits may result in death or serious injury. Remove all rings, watches and other jewelry.

⚠WARNING Bodily injury hazard. Spraying hydraulic oil can penetrate and burn skin. Loosen hydraulic connections very slowly to allow the oil pressure to dissipate gradually. Do not allow oil to squirt or spray.

NOTICE Perform all troubleshooting on a firm level surface.

NOTICE Two persons will be required to safely perform some troubleshooting procedures.

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Schematics

Observe and Obey:

- ☑ Troubleshooting and repair procedures shall be completed by a person trained and qualified on the repair of this machine.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunction before operating the machine.

Before Troubleshooting:

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- ☑ Be sure that all necessary tools and test equipment are available and ready for use.

About This Section

There are two groups of schematics in this section.

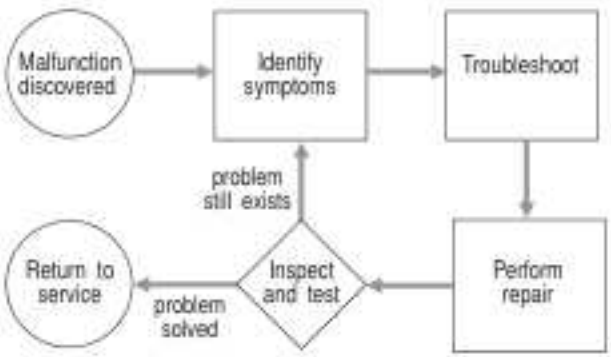
Electrical Schematics

⚠WARNING Electrocution hazard. Contact with electrically charged circuits may result in death or serious injury. Remove all rings, watches and other jewelry.

Hydraulic Schematics

⚠WARNING Bodily injury hazard. Spraying hydraulic oil can penetrate and burn skin. Loosen hydraulic connections very slowly to allow the oil pressure to dissipate gradually. Do not allow oil to squirt or spray.

General Repair Process



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