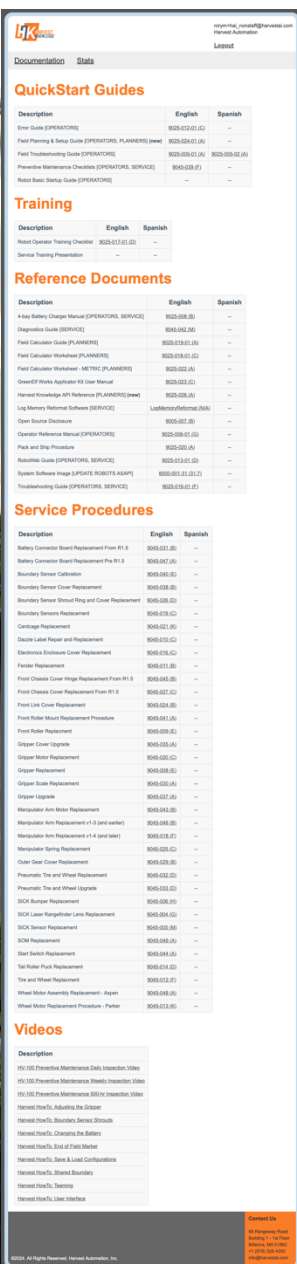


## Harvest Knowledge: Online Documentation

// Comprehensive and up to date documentation for setup, training, service, and more



**QuickStart Guides**

Description	English	Spanish
Error Guide [OPERATORS]	9025-012-01 (C)	--
Field Planning & Setup Guide [OPERATORS, PLANNERS] (new)	9025-024-01 (A)	--
Field Troubleshooting Guide [OPERATORS]	9025-005-01 (A)	--
Preventive Maintenance Checklists [OPERATORS, SERVICE]	9045-039 (F)	--
Robot Basic Startup Guide [OPERATORS]	--	--

**Training**

Description	English	Spanish
Robot Operator Training Checklist	9025-017-01 (D)	--
Service Training Presentation	--	--

**Reference Documents**

Description	English	Spanish
4-bay Battery Charger Manual [OPERATORS, SERVICE]	9025-008 (B)	--
Diagnostics Guide [SERVICE]	9045-042 (M)	--
Field Calculator Guide [PLANNERS]	9025-019-01 (A)	--
Field Calculator Worksheet [PLANNERS]	9025-018-01 (C)	--
Field Calculator Worksheet - METRIC [PLANNERS]	9025-022 (A)	--
Harvest Knowledge API Reference [PLANNERS] (new)	9025-028 (A)	--
Log Memory Reference Software [SERVICE]	9045-042 (M)	--
Open Source Database	9045-007 (B)	--
Operator Reference Manual [OPERATORS]	9025-006-01 (G)	--
Pack and Ship Procedure	9025-000 (A)	--
Reassembly Guide [OPERATORS, SERVICE]	9025-013-01 (D)	--
System Software Upgrade [OPERATORS, PLANNERS]	9025-013-01 (D)	--
Troubleshooting Guide [OPERATORS, SERVICE]	9025-018-01 (C)	--

**Service Procedures**

Description	English	Spanish
Battery Connector Board Replacement From R1.5	9045-031 (B)	--
Battery Connector Board Replacement Pre R1.5	9045-047 (A)	--
Boundary Sensor Calibration	9045-040 (E)	--
Boundary Sensor Cover Replacement	9045-038 (B)	--
Boundary Sensor Shroud Ring and Cover Replacement	9045-026 (D)	--
Boundary Sensor Shroud Replacement	9045-026 (D)	--
Cartage Replacement	9045-021 (A)	--
Drive Line Repair and Replacement	9045-010 (C)	--
Electronics Enclosure Cover Replacement	9045-018 (C)	--
Front Roller Replacement	9045-011 (B)	--
Front Chassis Cover Ring Replacement From R1.5	9045-048 (B)	--
Front Chassis Cover Replacement From R1.5	9045-027 (C)	--
Front Link Cover Replacement	9045-024 (B)	--
Front Roller Mount Replacement Procedure	9045-041 (A)	--
Front Roller Replacement	9045-018 (C)	--
Gripper Cover Upgrade	9045-022 (A)	--
Gripper Motor Replacement	9045-000 (A)	--
Gripper Replacement	9045-008 (B)	--
Gripper Scale Replacement	9045-020 (A)	--
Gripper Upgrade	9045-022 (A)	--
Manipulator Arm Motor Replacement	9045-048 (B)	--
Manipulator Arm Replacement (1.0 and earlier)	9045-048 (B)	--
Manipulator Arm Replacement (1.4 and later)	9045-018 (F)	--
Manipulator Spring Replacement	9045-025 (C)	--
Outer Gear Cover Replacement	9045-028 (B)	--
Pressure: Tire and Wheel Replacement	9045-010 (C)	--
Pressure: Tire and Wheel Upgrade	9045-010 (C)	--
SICK Barcode Replacement	9045-006 (B)	--
SICK Laser Rangefinder Lens Replacement	9045-004 (G)	--
SICK Sensor Replacement	9045-005 (B)	--
SICK Replacement	9045-048 (A)	--
Star Sensor Replacement	9045-048 (A)	--
Tag Roller Push Replacement	9045-010 (C)	--
Tire and Wheel Replacement	9045-012 (F)	--
Wheel Motor Assembly Replacement - Japan	9045-048 (A)	--
Wheel Motor Replacement Procedure - Partner	9045-013 (B)	--

**Videos**

Description
HV-100 Preventive Maintenance Daily Inspection Video
HV-100 Preventive Maintenance Weekly Inspection Video
HV-100 Preventive Maintenance 500-hr Inspection Video
Harvest HowTo: Adjusting the Gripper
Harvest HowTo: Boundary Sensor Shrouds

### QuickStart Guides

Description	English
Error Guide [OPERATORS]	9025-012-01 (C)
Field Planning & Setup Guide [OPERATORS, PLANNERS] (new)	9025-024-01 (A)
Field Troubleshooting Guide [OPERATORS]	9025-005-01 (A)
Preventive Maintenance Checklists [OPERATORS, SERVICE]	9045-039 (F)
Robot Basic Startup Guide [OPERATORS]	--

### Training

Description	English	Spanish
Robot Operator Training Checklist	9025-017-01 (D)	--
Service Training Presentation	--	--

### Reference Documents

Description	English
4-bay Battery Charger Manual [OPERATORS, SERVICE]	9025-008 (B)
Diagnostics Guide [SERVICE]	9045-042 (M)
Field Calculator Guide [PLANNERS]	9025-019-01 (A)
Field Calculator Worksheet [PLANNERS]	9025-018-01 (C)
Field Calculator Worksheet - METRIC [PLANNERS]	9025-022 (A)

### Videos

Description
<a href="#">HV-100 Preventive Maintenance Daily Inspection Video</a>
<a href="#">HV-100 Preventive Maintenance Weekly Inspection Video</a>
<a href="#">HV-100 Preventive Maintenance 500-hr Inspection Video</a>
<a href="#">Harvest HowTo: Adjusting the Gripper</a>
<a href="#">Harvest HowTo: Boundary Sensor Shrouds</a>

### Service Procedures

Description	English	Spanish
Battery Connector Board Replacement From R1.5	9045-031 (B)	--
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Boundary Sensor Calibration	9045-040 (E)	--
Boundary Sensor Cover Replacement	9045-038 (B)	--
Boundary Sensor Shroud Ring and Cover Replacement	9045-026 (D)	--

### // ABOUT HARVEST AUTOMATION

Harvest Automation was founded in 2008 by a small team of robotic pioneers who met a greenhouse grower with challenging labor issues. Plant spacing was one of the most challenging jobs on the farm and prone to injuries, so we set to work developing what is now the HV-100: the world's first fully autonomous robotic system for the horticulture industry. Our current focus is supporting our fantastic customers, expanding deployments in other parts of the world, and developing new accessories that make the HV-100 easier to use and more productive. Robots are no longer just dreams of the future, but are here to help now!