

# Product Specification

## Leica mojo3D

### Overview

The Leica mojo3D is designed to grow with your farming operation. With many industry-leading advancements, the Leica mojo3D is a versatile guidance display with multiple upgrade options allowing users to uniquely customize the system to fit their individual needs. Choose from a range of option packs to add terrain-compensated electric or hydraulic auto-steer, single section or multi section control, or high accuracy RTK via the Leica mojoXact.

### Software

#### ■ Guidance

- Create and export treatment report direct from the Leica mojo3D to USB
- Ultimate curve
- AB parallel
- A+ heading parallel
- Fixed contour
- Pivot
- Save and recall waylines
- Export/import waylines via USB in kml and shape format

#### ■ Mapping

- Store worked area
- Record field boundary
- Calculate total area within a field
- Save/recall treatments
- Export/import treatments via USB in km2/GeoTIFF format
- Create and export treatment reports in PDF
- Export/import boundaries in kml and shape format

#### ■ Accuracy options

- Integrated L1 GPS receiver with GLIDE® technology
- SBAS standard (in locations where SBAS is available) WAAS, EGNOS
- GLONASS optional with Leica GeoPRO antenna, standard with Leica mojoXact
- Network DGPS optional with Leica GeoPRO antenna
- Dual frequency Guide with Leica mojoXact
- L1/L2 RTK with Leica mojoXact
- Network RTK (NTRIP) with Leica mojoXact
- RTK Guide fallback with Leica mojoXact



#### ■ Set up

- Setup wizards to make system setup easy
- Save and recall vehicle configuration
- Upgrade, backup and rollback of software through USB
- Helpful on-screen diagnostics
- Export/import vehicle configurations

#### ■ Section control

- Vehicle modeling for precise application
- Single section control standards
- Multi section control with Leica AS400 voltage controller
- Multi section control with third party controllers such as Amazone/Hardi

#### ■ Virtual Wrench

- Request assistance remotely with the press of a button
- Over-the-air software upgrades
- Technician able to see screen and system status for quick problem resolutions

#### ■ Upgrade and accessory options

- Leica GeoPRO GLONASS capable antenna with pass to pass accuracy of 15-18 cm
- Network DGPS
- Leica mojoXact provides RTK auto-steer for high-accuracy 2 cm positioning, using a base station or network RTK connection
- Multi section control kit
- Leica QuickSteer electric steering
- Leica SteerDirect CAN, SRK and Hydraulic

GLIDE is a registered trademark of NovAtel Inc.

# Product Specification

## Leica mojo3D

### Hardware

#### ■ Display

- True 3D graphics for enhanced user experience
- Easy-to-follow icon-based menu structure
- Automatic or manual day and night mode
- View in 3D perspective with first person or chase and top-down with heads-up or north-up modes
- Two lightbar modes: the traditional cross track only lightbar and the Leica smart lightbar
- Use the system as visual guidance or upgrade to auto steer
- Configurable status readouts (up to five on screen at once)
- Selectable units metric, imperial or US standard

#### ■ Steering kits

- Leica Quicksteer only (requires twist)
- Leica SteerDirect CAN, SRK and Hydraulic (requires twist or Leica mojoXact)

#### ■ Communications

- 2 x CAN-2B Bus
- 3 x RS232 Port
- Master switch input
- Radar simulation output
- Cell network: HSPA (EU and AU), CDMA (USA)
- USB for upgrade and logging

#### ■ Other specifications

- Power: 9-16Vdc 9W
- Display: 800x480 TFT LCD, 7", 265K Colours, 400cd/m Brightness, 400:1 Contrast Ratio
- User Input: Resistive Touch Screen, Power Button
- Virtual Wrench support

#### ■ Environmental

- Storage temperature: -40°C to 85°C
- Operating temperature: -10°C to 60°C
- Ingress protection: IP54
- FCC Part 15 Class A
- CE approved

#### Available accuracies and satellite constellations

