Technical Specifications

NIQO

RoboWeeder

Available in 20 & 24 Ft.

SYSTEM SPECIFICATIONS	
Bed Height Supported (In Inches)	Min: 0 | Max: 8
Crop Size in Height (In Inches)	Min: 1 | Max: 6
Network Connectivity	Starlink
IP Rating	IP66 for all subsystems
Tractor Compatibility	CAT II / CAT III three-point hitch
Power Source	Tractor Battery & Alternator
Battery Voltage	12 DC (V)

DIMENSIONS, WEIGHT & OTHER SPECIFICATIONS		
Requirement	**RoboWeeder™ F24**	**RoboWeeder™ F20**
Operational Dimensions (In Feet) W × L × H	24' × 7' 4" × 4' 11"	20' × 7' 4" × 4' 10"
Transport Dimensions (In Feet) W × L × H	10' 6" × 7' 4" × 11'	10' × 7' 4" × 9'
Wheel Spacing (In Inches)	90 to 74	84 to 68
Implement Weight	3330 lbs	2965 lbs
Number of Cameras	8	6
Camera Working Height From the image sensor to bed	600 mm	600 mm
Pumps	Weeding: AR185 (Hydraulic) Beneficial: Shurflo (Electric)	Weeding: AR120 (Hydraulic) Beneficial: Shurflo (Electric)
Number of Weeding Nozzles	Option 1: **180** | Option 2: **112**	Option 1: **96** | Option 2: **156**
Number of Beneficial Nozzles	24	24
Spray Tip	TeeJet 1502 Flat Fan	TeeJet 1502 Flat Fan
Spray Region (In Inches) Left end to right end	284	238
Boom Type	Wet Boom	Wet Boom
Auto Leveler	Yes	Yes
Day-Night Operations	Yes	Yes

Technical Specifications

NIQO

RoboWeeder

Available in 16 Ft.

DIMENSIONS & WEIGHT	
Operational Dimensions (LxBxH)	5 × 2.3 × 1.5 m
Transport Dimensions (LxBxH)	3.0 × 2.3 × 2.8 m
Wheel Spacing	2.2 to 1.7 m
Implement Weight (Incl. Fluids)	2665 kgs

SYSTEM SPECIFICATIONS			
Bed Height Supported (In mm)	Min: 0 | Max: 200	Pumps	Weeding: AR120 (Hydraulic) Beneficial: Shurflo (Electric)
Crop Size (In mm)	Min: 25 | Max: 150	Number of Weeding Nozzles	Option 1: 80 | Option 2: 124
Network Connectivity	Starlink	Number of Beneficial Nozzles	24
IP Rating	IP66 for all subsystems	Spray Tip	TeeJet 2502 Even Flat Fan
Tractor Compatibility	CAT 2 / CAT 3 type of mounting	Boom Type	Wet Boom
Power Source	Tractor Battery & Alternator	Spray region Left to right (In mm)	7214
Battery Voltage	12 DC (V)	Auto Leveler	Yes
Acid compatibility with MSV	Optional	Day Night Operations	Yes
Camera Working Height From image sensor to bed **(In mm)**	600	Nozzle to ground height (In mm)	**Min: 70 | Max: 280**