PRESENTING

Niqo RoboThinner™

An AI-powered lettuce thinner built for your farm



Powered by cutting-edge AI, Niqo RoboThinner delivers industry-best speed, accuracy, and coverage

WHAT MAKES NIQO ROBOTHINNER DIFFERENT?

AI-powered
Easily thins on weedy fields

Coverage of 5 acres per hour
Max Speed: 4.5 mph
Recommended speed: 3 mph

Thinning & beneficials spray
Runs simultaneously or independently

No recurring fee
Total freedom, no extra bills

$250,000
Introductory price

Unmatched ROI
Pay-off your equipment in 2200 acres

Proudly made in USA
Built for real American growers

Real farm-tested
Consistently covering 100 acres per week

Quick service
Spare parts stocked locally

BOOK YOUR DEMO TODAY

CALL US ANYTIME

AXIS AG

Your Local Dealer:
Jason Mellow
+1 831 524 7816

Your Local Niqo Contact:
Chris Lauritzen
+1 831 320 5449

NIQO RoboThinner™

Technical Specifications

Crops Supported	Iceberg, Romaine & Red Lettuce
Spraying Modes	Two Modes: Thinning & Beneficials Spraying (Thinning and beneficials can be operated simultaneously or independently)
Bed Configurations Supported	6 beds: 34, 40 & 42 inch 3 beds: 68, 80 & 84 inch
Number of Lines Supported	Up to 8 lines
Nozzle Configurations	24 thinning nozzles per implement (8/section) 24 beneficials nozzles per implement (8/section)
Materials Supported	Acids, Fertilizers, Herbicides, Beneficials
Operating Pressure	10 to 15 PSI (at 3 mph thinning & beneficials)
Material Output (Thinning)	13 gallon/acre - 2 line 34, 40, 42 17 gallon/acre - 5 & 6 line 68, 80, 84
Operating Speed	Maximum speed: 4.5 mph Recommended speed: 3 mph

Additional Specifications

Solenoids	Low cost solenoid that is acid-compatible
Power Source	12 volt system, direct connect to tractor battery
Pump Type	(2) ShureFlo 12v pumps
Plumbing Type	Banjo fittings and standard hoses
Hydraulic Lines	Standard Pos/Neg ISO (for wing operation)
Tractor Type	5 series tractor recommended
Hitch Type	Standard Cat II 3-point hitch

Dimensions & Weight

Operating Dimensions (D X L X H)	6.8’ x 19.8’ x 4.0’
Transport Dimensions (D X L X H)	6.8’ x 9.5’ x 8.75’
Weight	2986 lbs (1354 kgs)

NIQO RoboThinner™

WHY OWN A NIQO ROBOTHINNER?

Niqo Numbers

Niqo RoboThinner Cost ($)	250,000
Acres per year	1,500
Acres per hour	5

Running Cost for Niqo RoboThinner

OPERATIONS	$/ACRE	REMARKS
Niqo RoboThinner	33.33	$ 250,000, 5 year-depreciation
Tractor	6.67	90,000 JDS 5-125, 5 year-depreciation
Spare Parts	5	$ 7500 / year
Fuel	4.50	5 acres/hour, 4.5 gallon/hour, $ 5/gallon
Operators	4.46	$ 22.29 / hour
Logistics	15	Transport trucks, fuel etc.
Running cost for Niqo RoboThinner	**68.96**	

Cost of Ownership

THINNING PROGRAM	$/ACRE	$/1000 ACRE	$/2000 ACRE	$/3000 ACRE
Hand Crew	185	185,000	370,000	555,000
Existing Thinner as a service	230	230,000	460,000	690,000
Owning a Niqo RoboThinner	**69**	**69,000**	**138,000**	**207,000**

Pay Once. Profit for Years

NIQO ROBOTICS™