

## 360 RAIN® SPEC SHEET



## DIMENSIONS

Distance Between Rear Tires (Centers)	120"
Tire Size	320 / 85R38
Transport Width	142"
Transport Length (Frame)	285"
Transport Length (Frame and 60' Boom)	340"
Height with Reel	16' 1"
Under Frame Clearance	7' 6"
Under Boom Clearance	10'
Weight without Water and without Fuel <i>Shipping Weight</i>	12,400 LBS
Weight with Water and Fuel <i>3000' of Hose</i>	26,300 LBS
Hose Type	Polyethylene
Hose Size	3"
Hose Length (Max)	3000'

## BOOM SYSTEM

60' Boom with 12 Drops for 30" Rows <i>For Use with 24 Row Planters</i>	Available
80' Boom with 16 Drops for 30" Rows <i>For Use with 16 Row Planters</i>	Available

## MANURE SYSTEM

Manure Manifold with Impeller System	Optional
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## POWER SYSTEM

Diesel Engine Horsepower	24
Diesel Fuel Tank Capacity	300
Average Fuel Consumption	0.5 GAL/HR (estimated)
System Voltage	
• Control System	12V
• Propulsion System	48V
Electric Motors	
• Drive Motors	3
• Reel Motor	1
• Dispenser Motor	1
• Manure Motor with Manure Option	1

## COMMUNICATION SYSTEM

Planter GPS Package	Planter Path Recording Kit • Receiver • GPS Tower or Mount System • Lift Switch • Harness
Base Station Package	Power needs 110V AC Inputs: up to four pressure or flow sensors. Outputs: up to six on/off relays for well, booster pump, injector pumps, valves (purchased separately).
Cellular Service Needs	Requires annual subscription to data plan managed by 360 Yield Center.
Range	Controls require line of sight or minor obstacles within reason for proper communication. If controlling pumps, motors or valves from remote sites (ie. manure pipeline), user may be required to add a 360 remote site control box and additional cellular plan.

## PERFORMANCE

Acres Covered Per Day	Up to 37 acres with 60' boom. Up to 50 acres with 80' boom.
Liquid Supply Recommendations	2000' of Hose = 250 GPM at 115 PSI 3000' of Hose = 200 GPM at 115 PSI <i>Hose length varies with field size and shape.</i>
Distribution Plumbing Size	3" main delivery line with equal distribution to individual row drops.
Approved Liquids	Water, Nutrients and Manure (Sized less than 0.75" output orifice.)
Speed Range	0.05 to 0.45 MPH / 1-8" Second
Non-Towable, Must be Hauled on Semi	--
Watering Band	15" - 7.5" on each side of the plant.

## TYPICAL DAYS TO COVER FIELD

Inches Applied	40 Acres	80 Acres	160 Acres
	250 GPM	250 GPM	215 GPM
0.35	1.1	2.1	4.9
0.45	1.4	2.7	6.3
0.55	1.7	3.3	7.7



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