

MAKO 400HC

MEET THE NEWEST MEMBER OF OUR FAMILY



The Mako 400HC sprayer is the newest member of the GVM equipment family. Designed for farmers and applicators with small fields or small jobs, the Mako is the most compact self-propelled sprayer in the marketplace.

Small, stable, and nimble, the Mako features a 400 gallon polyethylene product tank, multiple boom options, 46 inches

of crop clearance, and a tight turning radius. Its light footprint and small size, allows the Mako to begin working the fields early, with minimal soil compaction. Powered by a Cummins Tier 3, 130 horsepower engine paired with an automatic Allison five-speed transmission, the Mako's robust powertrain provides aggressive reliability to keep you in motion all season long. The MAKO is simple enough for first time applicators, yet smart enough for the pros.

- 400 gallon product tank
- 46 inches of clearance
- 80-120 inch adjustable width axles
- Fuel efficient mechanical drivetrain
- Tier 3 Cummins engine, 130 hp
- Allison 2100 RDS, automatic 5-speed transmission
- 22 mph maximum transport/road speed
- 13.8 ft turning radius



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2015_MakoHC-2



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Drivetrain	Type drive	Mechanical
	Maximum transport/road speed	22 mph (35.4 kph)
Engine	Make and configuration	Cummins QSB4.5, Inline 4-cylinder
	Type	Tier 3/Stage IIIA Emissions Compliant
	Peak rated power	130 hp (97 kW) @ 2300 rpm
	Displacement	4.5 L (269 cu in.)
	Fuel	Diesel
	Fuel tank capacity	44 U.S. gal. (166.6 L)
	Engine oil capacity	11.6 qt (11 L)
Transmission	Types	Automatic Allison 2100 RDS 5-speed B19
	Transmission oil capacity	Allison 15 qt (14 L)
Speed Ranges	1st	4.5 mph (7.2 kph)
	2nd	7.7 mph (12.4 kph)
	3rd	10.1 mph (16.3 kph)
	4th	14.1 mph (22.8 kph)
	5th	22 mph (35.41 kph)
	Reverse	3.2 mph (5.1 kph)
Chassis	Frame construction	5 x 3 x .3 in. (12.7 x 7.6 x .95 cm) rectangular tube steel
	Clearance	46 in. (116.8 cm)
	Wheelbase	139.9 in. (355 cm)
	Overall length	245 in. (622.3 cm)
	Overall width	108 in. (274.3 cm) top-fold boom tips, 112 in. (284 cm) side-fold boom tips
	Overall height	124 in. (315 cm)
	Turning radius	13.8 ft (4.2 m)
	Primary brakes	Individual left and right power disc brakes
	Parking brakes	Foot operated parking brake
	Estimated empty weight	11,250 lb (5102.9 kg)
	Estimated operating weight	15,000 lb (6803.9 kg)
Booms	Spraying width	60 ft (18.3 m), 42/80 ft (12.8/24.4 m) or 60/80 ft (18.3/24.4 m)
	Sections and spacing	5 section, 20 in. (50.8 cm) spacing, electronically controlled
	Breakaway width	
Boom Height	Low position	21-76 in. (53.3-193 cm)
	High position	37-92 in. (94-233.7 cm)
Spraying System	Product tank capacity	400 U.S. gal. (1,514 L)
	Spray control	Raven 460
	Product pump	Engine mounted, belt drive Hypro centrifugal pump with electromagnetic clutch
	Agitation	Manual adjust with electric on/off
	Filtration	50-mesh screen
	Quick fill size	2 in. (5.08 cm)
Tires, Suspension, & Track Width	Front	9.00 x 24 standard, 320/85R24 optional, fluid-filled optional
	Rear	320/85R24 standard, 380/85R24 optional, 230/95R32 optional
	Front suspension	Independent spring suspension with oscillating front axle
	Rear suspension	Independent knee action suspension with coil spring and hydraulic shock
	Track width	80-120 in. (203.2-304.8 cm)
Additional Options	Belly shields, crop deflectors, boom height control, floodlight kit, foam marker, front and rear fenders, toolbox, and nozzle kits	
	Front axle & driveshaft extensions	6 in. extensions allow 80-108 in. machines to be extended to 92-120 in.



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