

CROPLANDS QUANTUM MIST LINKAGE FOR HORTICULTURE



Quantum Mist™ Single Row linkage sprayers are ideal for smaller vineyards of where topography means a trailed sprayer is not suitable.

PRODUCT DETAILS

Make	Croplands
Model	QM LINKAGE
Tank Capacity	1000L, 600L, 800L
Fan Size	420mm, 500mm
Pump	AR115 (115 L/min)
SKU	CROPLANDS-22

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PRODUCT DESCRIPTION

TANK

- 600, 800 or 1000 litre polyethylene tank with screw type lid, filling strainer and drain outlet.

FAN

- Four 420mm or 500mm individual axial-type fan heads, cable-driven via hydraulic drive gearbox with individual cables driving each fan head. Hydraulic drive with four fans plumbed hydraulically in series using oil supply from the tractor, controlled via a softstart and oil control plus distribution block to the fans. Each fan has a rotomolded aerodynamic cowl for excellent air flow, impact resistance and light weight. Fully enclosed bearings and internal spray ring with swivel nozzle bodies and ALBUZ nozzles. 5-blade fan on both models is specifically designed and tested for maximum high-torque air delivery. Leaf guards are now fitted to the two lower fans behind the sprayer.

PUMP

- Medium pressure (20 bar) constant displacement self priming diaphragm pump – AR115 (115 L/min).

FILTRATION

- Tank filling basket, suction filter.

CONTROLS

- Remote mount, 4 outlet, UCM controller with pressure gauge and pressure adjustment.

AGITATION

- Hydraulic venturi agitator.

TRACTOR OIL SUPPLY

- QM500 fans – system requires 25 L/min oilflow at 2,100 psi, at the tractor remotes, for full performance of 2,250 fan RPM
- QM420 fans – system requires 20 L/ min oil flow at 2,100 psi, at the tractor remotes, for full performance of 2,500 fan RPM

DRIVE

- Tractor PTO driveshaft to pump and hydraulic drive for cable-gearbox from tractor remotes (see above for more specifications). Driveshaft supplied.

NOZZLES

- 420mm fan is fitted with dual spray rings. Five nozzles per spray ring (ten nozzles in total). A manual shut off valve is fitted to each spray ring to for low, medium or higher volume rates.
- 500mm fans have eight nozzle bodies. Fitted with one set ALBUZ ceramic nozzle tips

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CHASSIS

- Heavy duty, galvanised frame.

DIMENSIONS

- 800 litre – 1.7m L x 1.4m W x 2.0m H approx
- 1000 litre – 1.9m L x 1.4m W x 2.3m H approx

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