

810 FLEX-AIR® APPLICATOR Specifications

Model 810

MODEL	810
Main Bin Capacity	Single – 287 cu. ft. (8.1 m ³) or Split – 116 cu. ft. (3.3 m ³) front & 171 cu. ft. (4.8 m ³) rear*
Co-applicator Capacity	37 or 50 cu. ft. (1.0 or 1.4 m ³) – with or without augers from the supplement bin
Capacity Options	Single bin: 287 cu. ft. (8.1 m ³); Double bin: 287+37 or 50 cu. ft. (8.1+1.0 or 1.4 m ³) without supplemental augers 171+162 or 175 cu. ft. (4.8+4.6 or 5.0 m ³) with supplemental augers Triple bin: 171+125+37 or 50 cu. ft. (4.8+3.5+1.0 or 1.4 m ³) with supplemental augers
Weight	Single bin: 6,560 lbs. (2976 kg) Double bin: (50 cu. ft.) with augers (estimate): 7,500 lbs. (3402 kg) Triple bin: (50 cu. ft.) with augers: 7,680 lbs. (3484 kg)
Width	11.9 ft. (3.6 m) – booms folded
Length	14.3 ft. (4.4 m)
Height	87 in. (2.2 m)
Metering System	Synchronized right and left side conveyers meter product into 20 individual venturi tubes for delivery to each boom outlet. Conveyor belts are 26.5 in. (673 mm) EPDM chemical resistant material. Right or left boom shutoff eliminates double application.
Boom**	60 ft. (18.3 m) mid-ship mounted, 20 adjustable outlets spaced at 36 in. (91 cm) (available with 2.5 or 3.0 inch tubes) 70 ft. (21.3 m) mid-ship mounted, 20 adjustable outlets spaced at 42 in. (107 cm) (available with 2.5 inch tubes only)
Controls	Case IH SCS 5000 controller for Single bin configuration, with or without Liquid product systems. Case IH Viper controller for any Flex-Air configuration.
Hopper Material	409 stainless steel
Hopper Screen	Stainless steel with hinged access manhole that completely covers the top of the hopper. Flip Top hopper cover is optional. Ladder is located on left side.
Blower (Fans)	Dual high volume centrifugal, up to 100 plus mph air velocity
Spreading Capacity***	1,440 lbs. (653 kg) per acre @ 10 MPH – 60 ft. boom w/3 in. (76 mm) tube 950 lbs. (431 kg) per acre @ 10 MPH – 70 ft. boom w/2.5 in. (63.5 mm) tube
In-Field Rate Change	Virtually instantaneous rate changes on the go
Co-Applicators	37 or 50 cu. ft. (1.0 or 1.4 m ³) — with or without augers from the supplement bin
Pressure Washer	Optional – 2,000 psi
Liquid Plumbing System	Optional – 500 gal. (1893 L) poly tank / 75 gal. (284 L) poly rinse tank
Pump	Centrifugal pump with 2 in. (51 mm) inlet and 1.5 in. (38 mm) outlet
Weight	540 lbs. (245 kg)
Boom	316 stainless steel boom tubes with nozzles spaced at 30 in. (762 mm)
Chemical Inductor	Optional – Stainless steel - parallel linkage to retract; Includes tank rinse, jug rinse and jug opener
Foam Marker	Optional – 70 gal. (265 L) poly tank; RH & LH operation; Adjustable output

* 116 cu. ft. (3.3 m³) front bin is the supplement bin / 171 cu.ft. (4.8 m³) rear bin is main product bin.

** All boom options configured with 3.0 inch rear tubes (4) in the center of the machine.

All booms are horizontal floating and feature the patented Field Leveler independent suspension. Right and left shutoff is standard for half swath applications.

*** Using 65# density material.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.