

CASE II
AGRICULTURE

FA 1030

AIR BOOM APPLICATOR

PREVIEW



ACCURATE. FLEXIBLE. EFFICIENT.

The FA 1030 air boom applicator is designed to help you get more done in tight windows of application opportunity and in challenging conditions. This rugged applicator is built to carry more product, enhance productivity, and deliver accurate application across changing terrain. Plus, a range of configurations and efficient variable rate application systems help match the applicator to the operator's needs and optimize coverage and productivity. Work with your distributor for availability on Titan™ series floater models.



KEY FEATURES.

- A** Variable rate product application system and left/right boom section control is powered by dual, independently driven 304 stainless steel mesh chain conveyors — one for each side of the applicator.
- B** Hydraulically driven fan provides efficient and consistent air flow.
- C** PWM-controlled hydraulic valves for conveyor chains and metering wheels provide quick response times when rate changes are commanded.

EFFICIENT APPLICATION.

- Rear-mounted 72-ft. stainless steel boom is designed to cover more ground and is equipped with 32 factory-tuned deflector plates, so each distribute an equal amount of product.
- Up to 1,200 lb./ac. total product application capability at 10 mph provides the ability to put on the amount of product you need and cover acres quickly and efficiently.
- Case IH Viper 4+ controller provides a simple user interface, functioning as either a stand-alone rate controller or as an integral part of guidance and mapping systems.



MORE CAPACITY & CONFIGURATIONS.

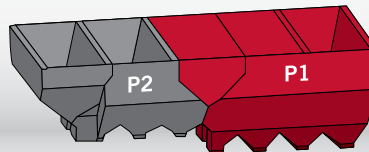
- **Up to 350 cu. ft. capacity with up to three products** helps you maximize efficiency and time in the field.
- Match your application needs with a range of bin options including:
 - Single-bin configuration
 - Single with micro-bin configuration
 - Double-bin configuration
 - Triple-bin configuration
- **Optional micro-bin** is perfect for granular fertilizer, granular chemicals or even cover crop seeding and is capable of variable rate product control.
- **Adjustable divider on multi-product hoppers** allows operator to easily change from a 50/50 to a 60/40 split, with no tools required.
 - If the micro-bin is used for a third product, then either 50/37/13 or 60/27/13 splits can be selected



SETTING 1:

■ 2-Products: 60/40 Ratio

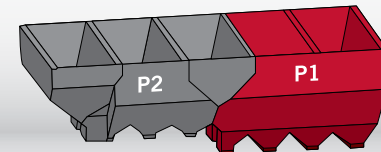
- P1 = 208 cu. ft.
- P2 = 104 cu. ft.



SETTING 2:

■ 2-Products: 50/50 ratio

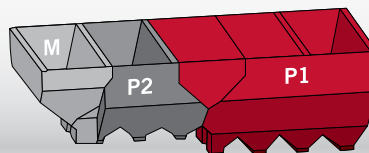
- P1 = 175 cu. ft.
- P2 = 174 cu. ft.



SETTING 3:

■ 3-Products: 60/27/13 ratio (Including micro-bin)

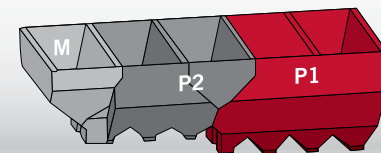
- P1 = 208 cu. ft.
- P2 = 95 cu. ft.
- M = 45 cu. ft.



SETTING 4:

■ 3-Products: 50/37/13 ratio (Including micro-bin)

- P1 = 175 cu. ft.
- P2 = 129 cu. ft.
- M = 45 cu. ft.



MODEL	FA 1030 AIR BOOM APPLICATOR
CAPACITY	
Main Bin Capacity	350 cu. ft. (9.9 cu. m)
Micro-Bin Capacity	Single - 55 cu. ft. (1.6 cu. m)/ Triple - 45 cu. ft. (1.3 cu. m)
Capacity Options	Single - 350 cu. ft. (9.9 cu. m)/ Single with Micro-bin - 295 + 55 cu. ft. (8.4 + 1.6 cu. m) Double - 175 + 174 cu. ft. (5 + 4.9 cu. m) or 208 + 140 cu. ft. (5.9 + 4 cu. m) Triple - 175 + 129 + 45 cu. ft. (5 + 3.7 + 1.3 cu. m) or 208 + 95 + 45 cu. ft. (5.9 + 2.7 + 1.3 cu. m)
Spreading Capacity	Up to 1,200 lb./ac. at 10 mph with 65 cu. ft. product density
In-field Rate Change	Virtually instantaneous rate changes on the go
DIMENSIONS & WEIGHTS	
Weight	Single & Single with Micro-bin - 9,500 lb. (4 309 kg)/ Double & Triple - 10,000 lb. (4 536 kg)
Width	12 ft. 3 in. (3.7 m) with deflectors installed 11 ft. 11 in. (3.6 m) with deflectors removed
Length	28 ft. 6 in. (8.7 m)
Height	9 ft. (2.7 m)
METERING	
Metering System	Dual 16 in. chains deliver product from the hopper through a 2 in. gate to a set of calibrated dividers for Bin 1 and Bin 2 if equipped Micro-bins utilize a common hydraulic drive that is controlled on both right and left sides by electric clutches – 16 in. roller meters (RH and LH for 2 section control). Available metering wheel options are red (5 - 50 lb./ac.) or grey (10 - 100 lb./ac.) at 10 mph with 65 cu. ft. product density
Boom	72 ft. (21.9 m) rear mounted, 32 factory-tuned outlets spaced at 27 in. (68.6 cm)
IN-CAB CONTROLS	
Controls	Case IH Viper 4+ controller
HOPPER	
Hopper Material	409 stainless steel
Hopper Screen	304 stainless steel
FAN	
Blower (fan)	Single 22 in. high velocity fan mounted at the top rear of the hopper assembly

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