

New Holland Air Carts

SC180 SC230 SC260



NEW HOLLAND



SC180 180 BUSHELS CAPACITY, 2 TANKS

SC230 230 BUSHELS CAPACITY, 2 TANKS

SC260 260 BUSHELS CAPACITY, 3 TANKS

FEATURES

- 60/40 split tanks to carry two products separately; third tank on the SC260 for extra capacity or capability.
- Mechanical meter drive insures an accurate rate of product delivery that remains constant. The optional variable rate meter system lets you change the rate on-the-go from the tractor. The variable rate meter drive is easily adaptable for GPS precision farming applications.
- Down-draft metering is more power-efficient and flexible. Three metering innovations improve accuracy:
 - Agitator bar prevents bridging for a constant density and supply of product to the meter roller.
 - Product is divided into equal sections: one for each primary line in the distribution system.
 - Air and product are mixed in a parallel flow for a smooth transition from the meter box to the distribution system.
- Air valve control at each meter lets you set air flow for accurate delivery of products with various sizes and weights. In-cab control available as an option.
- The 8-inch auger can be used to both load and unload all of the compartments of the air cart. The combination of cupped flighting and a variable rate control valve assures gentle handling of fragile seeds. Auger controls are

conveniently located at both the top and bottom to allow one person operation.

- Designed with a wide stance and tire options for floatation and stability. This versatility makes it easy to match an air cart with your farming system.
- Tow-behind or tow-between configurations.
- Can be equipped with a 3-point hitch.
- Stairway and platform provide safe, comfortable access to the tank lids for filling or inspection.
- Single- to double-shoot (or triple-shoot with the SC260) with a simple flip of a lever.

FLEXCONTROL

You can be confident that all machine functions are operating at peak efficiency with the aid of the FlexControl® monitor. It keeps you informed of the performance of your seeding system at all times. The monitor assists with rate setting of air carts with mechanical meter drives, taking the guesswork out of this procedure and assuring the correct amount of product is being delivered. Rate setting for carts with variable rate meter drive is equally as easy, plus the FlexControl monitor allows changes in product rates from each tank separately.

The air cart readout on the FlexControl monitor shows ground speed, fan RPM and application rates for each tank. Options include bin level depth gauge (ultrasonic) and remote air control. To warn the operator of problems before they happen, an alarm will sound if low tank levels or sensor failures occur.

The FlexControl monitor also tracks the area covered on each field and the total area with each machine. The operator can switch between readouts in imperial or metric measures at any time.

AIR CARTS

SPECIFICATIONS

MODEL	SC180	SC230	SC260
Cart Position	Tow-between	Tow-behind	Tow-behind
Capacity, bu. (l)	180 (6343)	230 (8105)	260 (9163)
Compartments	Two	Two	Three
Splits, bu. (l)	.66/114 (2326/4017)	.86/144 (3030/5074)	.80/66/114 (2819/2326/4017)
Optional Third Tank, bu. (l)	.34 (1200)	.47 (1,660)	NA
DIMENSIONS			
Ground Clearance, in. (m)	20" (0.51)	21" (0.53)	23" 0" (0.58)
Height, ft. in. (m)	12' 5" (3.8)	13' 3" (4.0)	12' 5" (3.8)
Overall Width, ft. in. (m)	11' 7" (3.5)	11' 11" (3.6)	12' 0" (3.7)
Tow-Behind Length, ft. in. (m)	18' 11" (5.8)	18' 11" (5.8)	25' 9" (7.8)
Tow-Behind Weight (Empty), lb. (kg)	8,180 (3710)	8,810 (3996)	11,240 (5109)
Tow-Between Length, ft. in. (m)	20' 10" (6.4)	20' 10" (6.4)	27' 2" (8.3)
Tow-Between Weight (Empty), lb. (kg)	7,940 (3600)	8,570 (3900)	11,200 (5090)
TIRES			
Front Caster	Single	Dual	Dual
(on Tow-Behind Model Only)	16.5 L x 16.1 AWT tires	16.5 L x 16.1 AWT tires	16.5 L x 16.1 AWT tires
Rear Axle, in. (m)	18.4" x 26"	23.1" x 26"	28" x 26"
	10 ply AWT single tire	10 ply AWT single tire	10 ply AWT single tire
	120" (3.05) Tracking width	120" (3.05) Tracking width	120" (3.05) Tracking width
Valves	Single-/double-shoot	Single-/double-shoot	Single-/double-/triple-shoot
Primary Lines	8	8	8
Fan Drive	Hydraulic single fan	Hydraulic single fan	Hydraulic single fan
Meter Drive System	Mechanical ground drive	Mechanical ground drive	Variable rate electro-hydraulic drive
Fill Auger, in. (cm) x ft. (m)	8" (20.3) x 16" (4.8) Steel cupped flighting	8" (20.3) x 16" (4.8) Steel cupped flighting	8" (20.3) x 16" (4.8) Steel cupped flighting
OPTIONS			
	Dual fan (SC180, SC230, SC260)		
	Variable rate electro-hydraulic drive (SC180, SC230)		
	Center pull rear hitch (tow-behind)		
	PTO Hydraulic pump for fan drive		
	Bin level depth gauge (ultrasonic)		
	Air velocity sensors		
	Field lighting package		
	Transport beacon warning light		
	Rear axle duals		
	High floatation tires		
	Fan RPM/air damper control from monitor		
	Work switch		
	Optical flow monitoring system		
OPTIONAL THIRD TANK			
	Variable rate electro-hydraulic meter drive	Variable rate electro-hydraulic meter drive	NA
FLEXCONTROL MONITOR			
Display	Alpha-numeric: unit of measurement can be displayed in imperial or metric		
Sensors	Low level bin sensors for every compartment, shaft sensors monitor fan RPM, ground speed and individual meter rolls, rate per acre (hectare) readout and acre (hectare) tally		
ASAE 279.11 transport lighting is standard equipment			

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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