

PRECISION AIR™ CARTS Specifications



Models Precision Air 2230 , Precision Air 2280, Precision Air 2330, Precision Air 3380 & Precision Air 3430

	Precision Air 2230 (Tow-Between)	Precision Air 2230 (Tow-Behind)	Precision Air 2280 (Tow-Between)	Precision Air 2280 (Tow-Behind)	Precision Air 2330 (Tow-Between)	Precision Air 2330 (Tow-Behind)
Tow Position	Front	Rear	Front	Rear	Front	Rear
Capacity	230 bu. (8105 L)	230 bu. (8105 L)	280 bu. (10 113 L)	280 bu. (10 113 L)	330 bu. (11 558 L)	330 bu. (11 558 L)
Compartments	Two	Two	Two	Two	Two	Two
Splits	86/144 bu. (3030/5074 L)	144 /86 bu. (5074/ 3030 L)	169/118 bu. (5995/4158 L)	118/169 bu. (4158/5995 L)	186/142bu. (6554/5004 L)	142/186 bu. (5004/6554 L)
Weight (empty)*	8,570 lb. (3887 kg)	8,810 lb. (3996 kg)	10,013 lbs. (4546 kg)	10,013 lbs. (4546 kg)	10,052 lbs. (4569 kg)	10,052 lbs. (4569 kg)
Dimensions						
Ground clearance	21 in. (0.53 m)	21 in. (0.53 m)	25 in. (0.64 m)	25 in. (0.64 m)	25 in. (0.64 m)	25 in. (0.64 m)
Height	13 ft. 3 in. (4.0 m)	13 ft. 3 in. (4.0 m)	14 ft. 11 in. (4.55 m)	14 ft. 11 in. (4.55 m)	15 ft. 3 in. (4.65 m)	15 ft. 3 in. (4.65 m)
Overall Width – single wheel	11 ft. 11 in. (3.6 m)	11 ft. 11 in. (3.6 m)	12 ft. 8 in. (3.86 m)	12 ft. 8 in. (3.86 m)	12 ft. 8 in. (3.86 m)	12 ft. 8 in. (3.86 m)
Overall Width – dual wheels	NA	NA	16 ft. 2 in. (4.93 m)	16 ft. 2 in. (4.93 m)	16 ft. 2 in. (4.93 m)	16 ft. 2 in. (4.93 m)
Length (w/auger)	20 ft. 10 in. (6.4 m)	18 ft. 11 in. (5.8 m)	26 ft. 4 in. (8 m)	25 ft. 4 in. (7.72 m)	26 ft. 4 in. (8 m)	25 ft. 4 in. (7.72 m)
Tires						
Front caster	NA	Dual caster	NA	Dual caster	NA	Dual caster
(on Tow-Behind model only)	NA	16.5L x 16.1 AWT tire	NA	22.5 x 16.1 (R3) STII wheel and tire	NA	22.5 x 16.1 (R3) STII wheel and tire
Rear Axle	23.1 x 26, 10PR AWT single tire at 120 in. (3.05 m) tracking width	23.1 x 26, 10PR AWT single tire at 120 in. (3.05 m) tracking width	30.5L x 32 12PR AWT single tires at 120 in. (3.05 m) tracking width	30.5L x 32 12PR AWT single tires at 120 in. (3.05 m) tracking width	30.5L x 32 12PR AWT single tires at 120 in. (3.05 m) tracking width	30.5L x 32 12PR AWT single tires at 120 in. (3.05 m) tracking width
Manifold						
Valves	Single/double shoot	Single/double shoot	Single/double shoot	Single/double shoot	Single/double shoot	Single/double shoot
Primary lines – 2.5 in. (6.4 cm)	Max. of 8 primary per meter roller	Max. of 8 primary per meter roller	Max. of 8 primary per meter roller	Max. of 8 primary per meter roller	Max. of 8 primary per meter roller	Max. of 8 primary per meter roller
Fan drive	Hydraulic single fan	Hydraulic single fan	Hydraulic dual fan	Hydraulic dual fan	Hydraulic dual fan	Hydraulic dual fan
Meter drive system	Mechanical ground drive	Mechanical ground drive	Mechanical ground drive	Mechanical ground drive	Mechanical ground drive	Mechanical ground drive
Fill auger	8 in. (20.3 cm) x 16 ft. (4.8 m) Steel cupped flighting	8 in. (20.3 cm) x 16 ft. (4.8 m) Steel cupped flighting	10 in. (25.4 cm) x 19 ft. (5.8 m) Steel cupped flighting	10 in. (25.4 cm) x 19 ft. (5.8 m) Steel cupped flighting	10 in. (25.4 cm) x 19 ft. (5.8 m) Steel cupped flighting	10 in. (25.4 cm) x 19 ft. (5.8 m) Steel cupped flighting
Options	Dual fan (2230 only), Single fan (2280-3430), variable rate electro-hydraulic drive, center-pull rear hitch (tow-behind only), bin level depth gauge (ultrasonic), PTO hydraulic pump or fan drive (2230 only), air velocity sensors, field lighting package, transport beacon warning light, rear axle duals, fan RPM/air damper control from monitor, work switch, PVC auger flighting (2230 only)					
Monitor System	ISO 11783 Compliant Monitor/Electronics system					
Display Options	AFS PRO 600 or AFS 200	AFS PRO 600 or AFS 200	AFS PRO 600 or AFS 200	AFS PRO 600 or AFS 200	AFS PRO 600 or AFS 200	AFS PRO 600 or AFS 200
Sensors	Low level bin sensors for every compartment, shaft sensors monitor fan RPM, ground speed and individual meter rolls, rate per acre (hectare) and acre (hectare) tally. Air velocity sensors and bin level depth gauge (ultrasonic) are optional on all air systems.					

* Estimated weights

PRECISION AIR™ CARTS Specifications



Models Precision Air 2230 , Precision Air 2280, Precision Air 2330, Precision Air 3380 & Precision Air 3430

	Precision Air 3380 (Tow-Between)	Precision Air 3380 (Tow-Behind)	Precision Air 3430 (Tow-Between)	Precision Air 3430 (Tow-Behind)
Tow Position	Front	Rear	Front	Rear
Capacity	380 bu. (13 390 L)	380 bu. (13 390 L)	430 bu. (15 153 L)	430 bu. (15 153 L)
Compartments	Three	Three	Three	Three
Splits	169/93/118 bu. (5955/3277/4158 L)	118/93/169 bu. (4158/3277/5955 L)	186/102/142 bu. (6554/3594/5004 L)	142/102/186 bu. (5004/3594/6554 L)
Weight (empty)*	10,880 lb. (4935 kg)	10,880 lb. (4935 kg)	11,090 lbs. (5030 kg)	11,090 lbs. (5030 kg)
Dimensions				
Ground clearance	25 in. (0.64 m)	25 in. (0.64 m)	25 in. (0.64 m)	25 in. (0.64 m)
Height	14 ft. 2 in. (4.3 m)	14 ft. 2 in. (4.3 m)	14 ft. 11 in. (4.55 m)	15 ft. 3 in. (4.65 m)
Overall Width – single wheel	12 ft. 6 in. (3.81 m)	12 ft. 6 in. (3.81 m)	12 ft. 8 in. (3.86 m)	12 ft. 8 in. (3.86 m)
Overall Width – dual wheels	16 ft. 8 in. (5.08 m)	16 ft. 8 in. (5.08 m)	16 ft. 2 in. (4.93 m)	16 ft. 2 in. (4.93 m)
Length (w/auger)	29 ft. 3 in. (8.9 m)	29 ft. 2 in. (8.9 m)	28 ft. 3 in. (8.61 m)	29 ft. 4 in. (8.94 m)
Tires				
Front caster	NA	Dual caster	NA	Dual caster
(on Tow-Behind model only)	NA	22.5 x 16.1 STII tires	NA	22.5 x 16.1 STII wheel and tire
Rear Axle	30.5L x 32 12PR AWT single tires at 120 in. (3.05 m) tracking width	30.5L x 32 12PR AWT single tires at 120 in. (3.05 m) tracking width	30.5L x 32 12PR AWT single tires at 120 in. (3.05 m) tracking width	30.5L x 32 12PR AWT single tires at 120 in. (3.05 m) tracking width
Manifold				
Valves	Single/double shoot	Single/double shoot	Single/double shoot	Single/double shoot
Primary lines – 2.5 in. (6.4 cm)	Max. of 8 primary per meter roller	Max. of 8 primary per meter roller	Max. of 8 primary per meter roller	Max. of 8 primary per meter roller
Fan drive	Hydraulic dual fan	Hydraulic dual fan	Hydraulic dual fan	Hydraulic dual fan
Meter drive system	Mechanical ground drive	Mechanical ground drive	Mechanical ground drive	Mechanical ground drive
Fill auger	10 in. (25.4 cm) x 19 ft. (5.8 m) Steel cupped flighting	10 in. (25.4 cm) x 19 ft. (5.8 m) Steel cupped flighting	10 in. (25.4 cm) x 19 ft. (5.8 m) Steel cupped flighting	10 in. (25.4 cm) x 19 ft. (5.8 m) Steel cupped flighting
Options	Dual fan (2230 only), Single fan (2280-3430), variable rate electro-hydraulic drive, center-pull rear hitch (tow-behind only), bin level depth gauge (ultrasonic), PTO hydraulic pump or fan drive (2230 only), air velocity sensors, field lighting package, transport beacon warning light, rear axle duals, fan RPM/air damper control from monitor, work switch, PVC auger flighting (2230 only)			
Monitor System	ISO 11783 Compliant Monitor/Electronics system			
Display Options	AFS PRO 600 or AFS 200	AFS PRO 600 or AFS 200	AFS PRO 600 or AFS 200	AFS PRO 600 or AFS 200
Sensors	Low level bin sensors for every compartment, shaft sensors monitor fan RPM, ground speed and individual meter rolls, rate per acre (hectare) and acre (hectare) tally. Air velocity sensors and bin level depth gauge (ultrasonic) are optional on all air systems.			

* Estimated weights

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

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