

# FLEX HOE SERIES AIR HOE DRILL Specifications



## Models Flex Hoe 400 & Flex Hoe 700

Base Size	Flex Hoe 400					Flex Hoe 700	
	27 ft. (8.2 m)	33 ft. (10.0 m)	39 ft. (11.9 m)	45 ft. (13.7 m)	51 ft. (15.5 m)	60 ft. (18.3 m)	70 ft. (21.3 m)
No. of Sections	3	3	3	5	5	5	5
No. of Ranks	4	4	4	4	4	4	4
<b>Working Widths*</b>							
7.2 in. (18.3 cm) Spacing	27 ft. (8.2 m)	33 ft. (10.0 m)	39 ft. (11.9 m)	45 ft. (13.7 m)	51 ft. (15.5 m)	—	—
10 in. (25.4 cm) Spacing	27 ft. 9 in. (8.4 m)	32 ft. 8 in. (9.9 m)	39 ft. 2 in. (11.9 m)	45 ft. 9 in. (13.9 m)	50 ft. 8 in. (15.4 m)	—	—
12 in. (30.5 cm) Spacing	28 ft. (8.5 m)	34 ft. (10.4 m)	40 ft. (12.2 m)	46 ft. (14.0 m)	52 ft. (15.8 m)	—	—
<b>Number of Shanks</b>							
7.2 in. (18.3 cm) Spacing	45	55	65	75	85	NA	NA
7.5 in. (19.0 cm) Spacing	NA	NA	NA	NA	NA	96	NA
10 in. (25.4 cm) Spacing	34	40	48	56	62	72	84
12 in. (30.5 cm) Spacing	28	34	40	46	52	60	70
<b>Frame Widths</b>							
Main Frame	15 ft. (4.6 m)	15 ft. (4.6 m)	15 ft. (4.6 m)	15 ft. (4.6 m)	15 ft. (4.6 m)	10 ft. (3.0 m)	10 ft. (3.0 m)
Inner Wing	6 ft. (1.8 m)	9 ft. (2.7 m)	12 ft. (3.6 m)	9 ft. (2.7 m)	12 ft. (3.6 m)	15 ft. (4.6 m)	15 ft. (4.6 m)
Outer Wing	NA	NA	NA	6 ft. (1.8 m)	6 ft. (1.8 m)	10 ft. (3.0 m)	15 ft. (4.6 m)
Transport Width	20 ft. 6 in. (6.2 m)	20 ft. 6 in. (6.2 m)	20 ft. 6 in. (6.2 m)	20 ft. 6 in. (6.2 m)	20 ft. 6 in. (6.2 m)	17 ft. 8 in. (5.4 m)	17 ft. 8 in. (5.4 m)
Transport Height (max.)	11 ft. 8 in. (3.5 m)	14 ft. 8 in. (4.5 m)	17 ft. 9 in. (5.4 m)	14 ft. 8 in. (4.5 m)	17 ft. 9 in. (5.4 m)	13 ft. 6 in. (4.1 m)	13 ft. 6 in. (4.1 m)
<b>Weights† – lbs. (kg)</b>							
7.2 in. (18.3 cm) Spacing	19,600 (8890)	22,000 (9979)	25,300 (11 475)	31,300 (14 197)	33,700 (15 286)	—	—
7.5 in. (19.0 cm) Spacing	—	—	—	—	—	36,300 (16 465)	NA
10 in. (25.4 cm) Spacing	18,200 (8255)	20,300 (9207)	23,100 (10 477)	28,900 (13 108)	30,700 (13 925)	32,800 (14 878)	36,500 (16 556)
12 in. (30.5 cm) Spacing	17,000 (7711)	19,000 (8618)	21,600 (9797)	27,100 (12 292)	28,980 (13 145)	31,100 (14 107)	34,400 (15 604)
<b>Tires</b>							
Main Frame Casters	11L x 15 FI (Singles)	11L x 15 FI (Singles)	9.5L x 15 FI (Duals)	9.5L x 15 FI (Duals)	11L x 15 FI (Duals)	11L x 15 FI (Duals)	11L x 15 FI (Duals)
Inner Wing Casters	9.5L x 15 SL (Singles)	9.5L x 15 SL (Singles)	9.5L x 15 SL (Singles)	9.5L x 15 SL (Singles)	9.5L x 15 SL (Singles)	11L x 15 FI (Duals)	11L x 15 FI (Duals)
Outer Wing Casters	NA	NA	NA	9.5L x 15 SL (Singles)	9.5L x 15 SL (Singles)	11L x 15 FI (Singles)	11L x 15 FI (Singles)
Rear Transport Wheels	9.5L x 15 FI (Duals)	9.5L x 15 FI (Duals)	9.5L x 15 FI (Duals)	9.5L x 15 FI (Duals)	11L x 15 FI (Duals)	11L x 15 FI (Single**)	11L x 15 FI (Single**)

\* Outside shank to outside shank plus spacing. † All with 350 lb. (159 kg) trips and 3 in. (7.6 cm) rubber packers.

\*\* A single tire is used unless machine is configured with 6.5 in. pneumatic, then those wheels are used for transport.

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	Flex Hoe 400	Flex Hoe 700
Packer Options		
7.2 in. (18.3 cm)	Steel – 3.5 in. (8.9 cm)/Rubber – 3 in. (7.6 cm)	NA
7.5 in. (19 cm)	NA	Steel – 3.5 in. (8.9 cm)/Rubber – 3 in. (7.6 cm), in-line gang-style
10 in. (25.4 cm)	Steel – 3.5 or 4.5 in. (8.9 or 11.4 cm)	Steel – 3.5 or 4.5 in. (8.9 or 11.4 cm)/Rubber – 3, 4 or 5.5 in. (7.6, 10.2 or 14 cm), in-line gang style plus 6.5 in. (16.5 cm) pneumatic walking beam, gang-style
12 in. (30.5 cm)	Rubber – 3, 4 or 5.5 in. (7.6, 10.2 or 14 cm)	Steel – 3.5 or 4.5 in. (8.9 or 11.4 cm)/Rubber – 3, 4 or 5.5 in. (7.6, 10.2 or 14 cm), in-line gang style plus 6.5 in. (16.5 cm) pneumatic walking beam, gang-style
Packer Wheel Mud Scrapers	Optional for steel and rubber wheels	Optional for steel and rubber wheels
Stone Kickers	Standard	Standard
Openers	Wide range of ground openers available	Wide range of ground openers available
Air Kits	Single-shoot and double-shoot	Single-shoot and double-shoot
Blockage Monitors	Basic or expanded available; optical sensors	Basic or expanded available; optical sensors
Tandem Wheels for Center	Optional on 27 & 33 ft. (8.2 & 10 m) machines	Standard
Tandem Wheel for Wings	Optional SL or FI tires	Optional
In-frame Harrow	Optional single-bar heavy harrow	Optional single-bar heavy harrow
Trip Assemblies		
7.2 in. (18.3 cm)	350 & 550 lbs. (159 & 249 kg)	NA
7.5 in. (19 cm)	NA	350 & 550 lbs. (159 & 249 kg)
10 in. (25.4 cm)	350 & 550 lbs. (159 & 249 kg)	350 & 550 lbs. (159 & 249 kg)
12 in. (30.5 cm)	350 & 550 lbs. (159 & 249 kg)	350 & 550 lbs. (159 & 249 kg)
Shank	1 x 2 in. (2.5 x 5.0 cm) 50-degree C-shank	1 x 2 in. (2.5 x 5.0 cm) 50-degree C-shank 1 x 2 in. (2.5 x 5.0 cm) 84-degree edge-on
Rank to Rank Spacing	24 in. (60.9 cm)	26 in. (66 cm)
Frame Depth	100 in. (254 cm)	108 in. (274 cm)
Caster to Packer Depth	144 in. (365.7 cm) working at 1 in. (2.5 cm) of seeding depth	148 in. (376 cm) working at 1 in. (2.5 cm) of seeding depth
Frame/Ground Clearance	28 to 32 in. (71.1 to 81.3 cm) – depending on openers	28 to 32 in. (71 to 81 cm) – depending on openers
Hydraulic System	High quality parallel lift and fold hydraulic cylinders	High quality parallel lift and fold hydraulic cylinders
Depth Control	Single point depth control accurately defined across implement by solid rockshaft	Each wing follows ground independently (not affecting adjacent sections); independently controlled hydraulically; single-point adjustment
Safety Chain and Lights	Standard	Standard
Transport Locks	Standard	Standard
Rear Tow Hitch	Optional	Optional; patent pending steering design to aid in cornering and limit sidehill skewing
InterRow Shanks	Optional on 12 in. (30.5 cm) spacings with NH <sub>3</sub> , dry, or liquid fertilizer tubes	—
Field Markers	Available; will only mark to centerline of 46 ft. (14 m)	—
Packing Pressure Adjustment	—	Each frame section independently adjustable

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.