

ST820 Precision Cultivator specifications

3-Section Base Models	25 ft (7.6 m)	31 ft (9.5 m)	34 ft (10.4 m)	37 ft (11.3 m)	40 ft (12.2 m)
Dimensions - Transport					
Length	25 ft 4 in (7.7 m)	25 ft 4 in (7.7 m)	26 ft 2 in (8.0 m)	25 ft 4 in (7.7 m)	26 ft 2 in (8.0 m)
Height	11 ft 6 in (3.5 m)	14 ft 3 in (4.3 m)	14 ft 3 in (4.3 m)	17 ft (5.2 m)	17 ft (5.2 m)
Width	18 ft 8 in (5.7 m)	18 ft 8 in (5.7 m)	21 ft 8 in (6.6 m)	18 ft 8 in (5.7 m)	21 ft 8 in (6.6 m)
Weight*	5,390 kg (11,883 lb)	5,977 kg (13,17 lb)	6,274 kg (13,832 lb)	6,825 kg (15,047 lb)	7,141 kg (15,743 lb)
Number of Shanks - Spacing					
7.2 in (18.3 cm)	43, 47	53, 57	58, 62	63	68
9 in/9 in alternate (22.9 cm)	35, 37, 39	43, 45, 47	47, 49, 51	51, 53, 55	55, 57, 59
12 in (30.5 cm)	27, 29	33, 35	36, 38	39, 41	42, 44
Tyres					
Wings (all tyres)	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)
Centre Section: Castors	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)
Walk beam	11 L x 15 (D)	11 L x 15 (D)	11 L x 15 (D)	11 L x 15 (F)	11 L x 15 (F)

5-Section Base Models	43 ft (13.1 m)	46 ft (14.0 m)	52 ft (15.8 m)	58 ft (17.7 m)
Dimensions - Transport				
Length	25 ft 4 in (7.7 m)	26 ft 2 in (8.0 m)	26 ft 2 in (8.0 m)	26 ft 2 in (8.0 m)
Height	13 ft 10 in (4.2 m)	13 ft 10 in (4.2 m)	16 ft 10 in (5.1 m)	16 ft 10 in (5.1 m)
Width	18 ft 8 in (5.7 m)	21 ft 8 in (6.6 m)	21 ft 8 in (6.6 m)	21 ft 8 in (6.6 m)
Weight*	8,430 kg (18,585 lb)	8,768 kg (19,330 lb)	9,574 kg (21,107 lb)	10,200 kg (22,487 lb)
Number of Shanks - Spacing				
7.2 in (18.3 cm)	73, 77	78, 82	88, 92	98, 102
9 in/9 in alternate (22.9 cm)	59, 61, 63	63, 65, 67	71, 73, 75	79, 81, 83
12 in (30.5 cm)	45, 47	48, 50	54, 56	60, 62
Tyres				
Wings (all tyres)	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)
Centre section: castors	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)	9.5 L x 15 (D)
Walk beam	235/75 R17.5	235/75 R17.5	235/75 R17.5	235/75 R17.5

All Models	
Trips & Shanks	350 lb, 1 in x 2 in, 1 3/4 in bolt spacing fit 47° sweeps on 7.2 in, 9 in spacings
	550 lb, 1 in x 2 in, 2 1/4 in bolt spacings fit 50° sweeps on 7.2 in, 9 in or 12 in spacings
	650 lb, 1 1/4 in x 2 in, 2 1/4 in bolt spacing fit 50° sweeps on 12 in spacing
	110-250 kg variable break out hydraulic tyre with option of C shank or edge on tyre

Options	
<ul style="list-style-type: none"> ■ Mud scrapers ■ Work switch (for air cart) ■ Rear hitch for towing implement 	<ul style="list-style-type: none"> ■ Air package - single or double-shoot (tow-between or tow-behind) ■ Field hitch mount (for air cart)

Note: Ground engaging tools are required for operation and are not included in specs. *Maximum weight (without options or ground engaging tools).