

Tandem Disc

Model	4490		4590	
Blade Spacing	8" (203 mm)	9" (230 mm)	8" (203 mm)	9" (230 mm)
Width, working*	18' to 32.5' (5.5 to 9.9 m)	35.5' to 40.5' (10.8 to 12.3 m)	28.0' to 40.5' (8.5 to 12.3 m)	28.0' to 40.0' (8.5 to 12.2 m)
Width, transport	12' (3.66 m)	12' (3.66 m)	18' (5.5 m)	18' (5.5 m)
Height, transport	12' 4" to 16' 11" (3.76 to 5.16 m)	12' 3" to 16' 6" (3.68 to 5.03 m)	12' 4" to 18' 1" (3.76 to 5.51 m)	12' 6" to 17' 10" (3.81 to 5.44 m)
Weight	500 lb/ft Class (227 kg)	500 lb/ft Class (227 kg)	500 lb/ft Class (227 kg)	500 lb/ft Class (227 kg)
Horsepower required	4.0 to 5.5 DBHP/foot (3.0 to 4.1 kW per 305 mm)†		4.0 to 5.5 DBHP/foot (3.0 to 4.1 kW per 305 mm)†	
Structure				
Frame	Welded, 4" x 4" x .250 (102 x 102 x 6.4 mm) wall tubing		4" x 4" x .375 (102 x 102 x 9.5 mm) wall tubing	
Bearings	211 series, opt. 410 WSS series		410 WSS series	
Gang angle	20° front / 17° rear	20° front / 17° rear	20° front / 17° rear	20° front / 17° rear
Gang shaft	1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft/lb (4339 N.m)		1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft/lb (4339 N.m)	
Blades				
Blades, smooth	22" x 1/4" (560 x 6.5 mm)	22" x 1/4" (560 x 6.5 mm)	22" x 1/4" (560 x 6.5 mm)	22" x 1/4" (560 x 6.5 mm)
Blades, notched/smooth	22" x 9/32" (560 x 7 mm) 24" x 9/32" (610 x 7 mm) 24" x 5/16" (610 x 8 mm)	22" x 9/32" (560 x 7 mm) 24" x 9/32" (610 x 7 mm) 24" x 5/16" (610 x 8 mm)	22" x 9/32" (560 x 7 mm) 24" x 9/32" (610 x 7 mm) 24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm)	22" x 9/32" (560 x 7 mm) 24" x 9/32" (610 x 7 mm) 24" x 5/16" (610 x 8 mm)
Features				
Tires, main frame	(4) 11L x 15 FI 23.5' to 27' - L/R 'D' / (4) 11L x 15 FI 28' to 32.5' - L/R 'F'		(4) 11L x 15 FI 28' to 35.5' - L/R 'D' / (4) 11L x 15 FI 38' to 42' - L/R 'F'	
Tires, wing frame	(2) 11L x 15 FI 23.5' to 27' - L/R 'C' / (4) 11L x 15 FI 28' to 32.5' - L/R 'C'		(2) 11L x 15 FI 28' to 35.5' - L/R 'C' / (4) 11L x 15 FI 38' to 42' - L/R 'C'	
Depth control	3-cylinder series system c/w depth stop segments		3-cylinder series system c/w depth stop segments	
Hitch	Auto-leveling, full floating hitch		Auto-leveling, full floating hitch	

*w/24" blades

† Depends on working depth, soil type, field speed, etc.

Model	6650		6650LTF	
Blade Spacing	9" (230 mm)	10.5" (267 mm)	9" (230 mm)	10.5" (267 mm)
Width, working*	26.5' to 35.5' (8.1 to 10.8 m)	25' to 35.5' (7.6 to 10.8 m)	38.5' to 42.0' (11.7 to 12.8 m)	
Width, transport	17.5' (5.4 m)	17.5' (5.4 m)	17.5' (5.4 m)	
Height, transport	11' 1" to 15' 4" (3.38 to 4.7 m)	10' 7" to 15' 6" (3.3 to 4.7 m)	13' 11" (4.3 m)	
Weight	600 lb/ft Class (261 kg)	600 lb/ft Class (261 kg)	600 lb/ft Class (261 kg)	
Horsepower required	5.0 to 6.0 DBHP/foot (3.7 to 4.5 kW per 305 mm)†		5.0 to 6.0 DBHP/foot (3.7 to 4.5 kW per 305 mm)†	
Structure				
Frame	Welded, 6" x 4" (152 x 102 mm) tubular steel frame		Welded, 6" x 4" (152 x 102 mm) tubular steel frame	
Bearings	410 WSS series c/w triple lip seal, opt. T2-215 series		410 WSS series c/w triple lip seal, opt. T2-215 series	
Gang angle	20° front / 17° rear	20° front / 17° rear	20° front / 17° rear	
Gang shaft	1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft/lb (4339 N.m)			
Blades				
Blade sizes, notched/smooth	22" x 9/32" (559 x 7 mm) 24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm)	24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm)	24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm)	
Features				
Tires, main frame	(4) 11 L x 15 FI LR 'F', opt. 12.5 L x 15 FI		(4) 11 L x 15 FI LR 'F', (4) 12.5 L x 15 FI LR 'F'	
Tires, wing frame	(4) 11 L x 15 FI LR 'C' or 'D', opt. 12.5 L x 15 FI		(4) 11 L x 15 FI LR 'D', (4) 12.5 L x 15 FI LR 'D'	
Depth control	3-cylinder series system c/w depth stop segments		3-cylinder series system c/w depth stop segments	

* w/24" blades

† Depends on working depth, soil type, field speed, etc.

Tandem Disc

Model	8700			8700LTF	
Blade Spacing	9" (230 mm)	10.5" (267 mm)	12" (305 mm)	10.5" (267 mm)	12" (305 mm)
Width, working*	24.5' to 41.5' (7.5 to 12.6 m)	25.0' to 42.5' (7.6 to 13.0 m)	24.0' to 42.5' (7.3 to 13.0 m)	37.0' to 42.0' (11.3 to 12.8 m)	38.5' to 42.5' (11.7 to 13.0 m)
Width, transport	17.5' (4.4 m)	17.5' (4.4 m)	17.5' (4.4 m)	17' (5.2 m)	17' (5.2 m)
Height, transport	12' 3" to 18' 5" (3.73 to 5.61 m)	12' 7" to 19' 1" (3.84 to 5.82 m)	12' 7" to 19' 0" (3.84 to 5.79 m)	13' 8" (4.2 m)	13' 8" (4.2 m)
Weight	700 lb/ft Class (318 kg)	700 lb/ft Class (318 kg)	700 lb/ft Class (318 kg)	700 lb/ft Class (318 kg)	700 lb/ft Class (318 kg)
Horsepower required	7.0 to 8.0 DBHP/foot (5.2 to 6 kW per 305 mm)†			7.0 to 8.0 DBHP/foot (5.2 to 6 kW per 305 mm)†	
Structure					
Frame	Welded, 8" x 4" x .375 wall tubing (203 x 102 x 9.5 mm) tubular steel frame				
Bearings	T2-215 series trunnion mounted bearings			T2-215 series trunnion mounted bearings	
Gang angle	21° front / 19° rear	21° front / 19° rear	21° front / 19° rear	21° front / 19° rear	
Gang shaft	1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft/lb (4339 N.m)				
Blades					
Blade sizes, notched/smooth	24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm)	26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm) 28" x 3/8" (711 x 9 mm)	26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm) 28" x 3/8" (711 x 9 mm) 30" x 3/8" (762 x 9 mm)	26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm) 28" x 3/8" (711 x 9 mm) 30" x 3/8" (762 x 9 mm)	
Features					
Tires, main frame	(4) 12.5 L x 15 FI, 28' to 42.5' - L/R 'F', opt. (4) 15.0 / 55-18 PR			(4) 15.0 / 55-18 PR	
Tires, wing frame	(4) 12.5 L x 15 FI, 28' to 42.5' - L/R 'D', opt. (4) 15.0 / 55-18 PR			(4) 15.0 / 55-18 PR	
Depth control	3-cylinder series system c/w depth stop segments				
Hitch	Auto-leveling, full floating hitch				

* 8700 w/24" blades / 8700LTF w/28" blades

† Depends on working depth, soil type, field speed, etc.

Model	4490	4590	6650	6650LTF	8700	8700LTF
Full floating hitch	•	•	•	•	•	•
Rigid hangers	•	•	•	•	•	•
4" (102 mm) wide scrapers	•	•	•	•	•	•
Furrow leveling blades (4)	•	•	•	•	•	•
Stepped down blades (2)	•	•	•	•	•	•
Steel spools	•	•	•	•	•	•
Hydraulic transport lockups	•	•	•	•	•	•
Gang socket	•	•	•	•	•	•
Hitch jack	•	•	•	•	•	•
Safety lights	•	•	•	•	•	•
Safety chain	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Stone-flex hangers	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Bearing wear plates	-	-	Opt.	Opt.	Opt.	Opt.
Heavy-duty scrapers	-	-	Opt.	Opt.	Opt.	Opt.
Wide pan scrapers	-	-	Opt.	Opt.	Opt.	Opt.
Interlocking half spools	-	-	Opt.	Opt.	Opt.	Opt.
Mounted harrows (3-bar)	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Bearing trash guard	-	-	Opt.	Opt.	Opt.	Opt.