

2630 Series Disks and 2633VT

Disk and Vertical Tillage Design Differences Quick Reference Guide



2630 – Light-Duty

4.5- or 5.0-mm (0.177- or 0.197-in.) blades available

55.9- or 61.0-cm (22- or 24-in.) blades available

18.4- or 22.9-cm (7.25- or 9-in.) spacing available

Welded steel spools

2633 – Medium-Duty

5.0- or 6.5-mm (0.197- or 0.256-in.) blades available

61.0- or 66.0-cm (24- or 26-in.) blades available

22.9-cm (9-in.) spacing

Cast spools

2635 – Heavy Duty

6.5-mm (0.256-in.) blades

61.0- or 66.0-cm (24- or 26-in.) blades available

22.9- and 27.9-cm (9- and 11-in.) or 27.9- and 27.9-cm (11- and 11-in.) spacing available

Cast spools

2633VT – Vertical Tillage

5.0- or 6.5-mm (0.197- or 0.256-in.) front blades available

5.0-mm (0.197-in.) wavy rear blades

55.9-cm (22-in.) blades

18.4-cm (7.25-in.) spacing

Welded steel spools

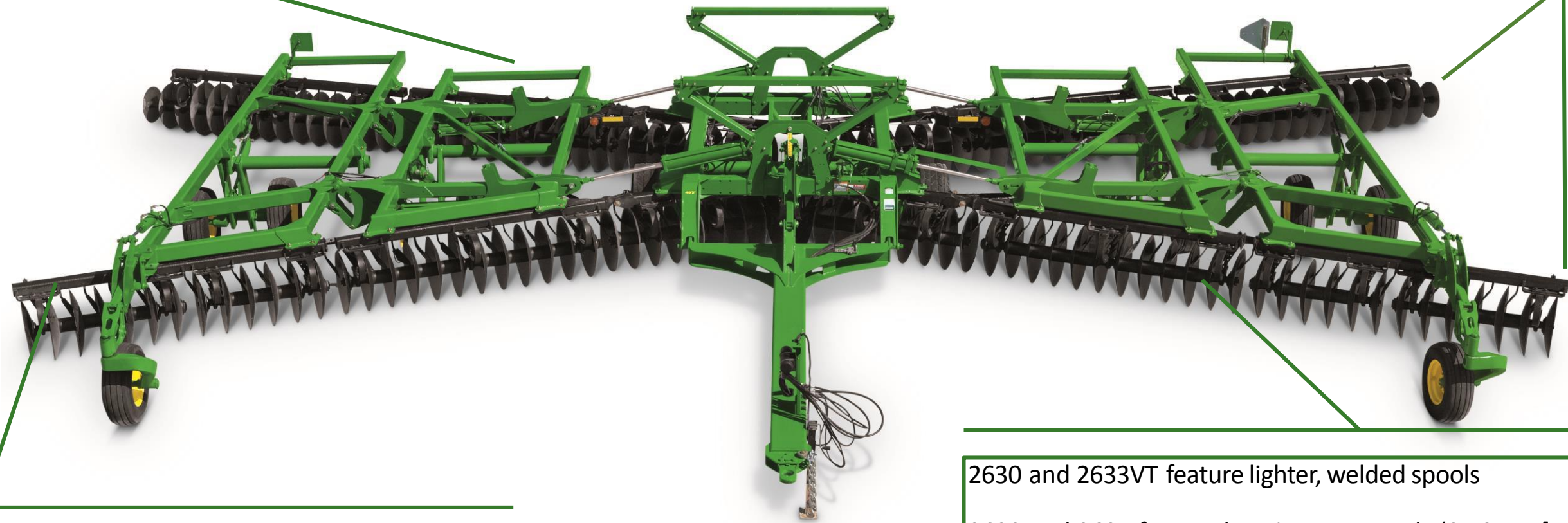


Common Components

1. 2630 Series Disks and 2633VT all feature common frame components (green painted frames)
2. All feature a common 50.8-mm (2-in.) gang bolt design
3. All feature a common 31.75- x 63.5-mm (1.25- x 2.5-in.) C-Spring
4. All feature a 21-degree front gang angle and 19-degree rear gang angle

Inner & Outer Blades

- Front outer wing gangs will have one tapered disk per side, 50.8 mm (2 in.) smaller than main blades (except when equipped with 55.9-cm [22 -in.] blades)
- Rear mainframe gangs will have one tapered inner blade per side, 50.8 mm (2 in.) smaller than main blades
- Rear outer wing gangs will have two tapered blades stepped down 50.8 mm (2 in.) per blade, per side.



Gang frames (painted black) are constructed with different wall thickness 4 X 5 tubing depending on which gang spools are equipped:

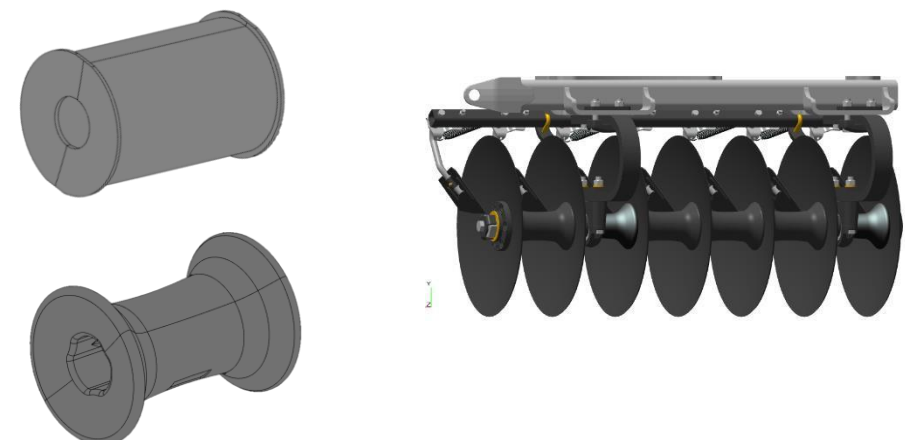
1. Welded Spools = 4 X 5 X 0.375"
2. Cast Spools = 4 X 5 X 0.5"

#1
4X5X0.375

#2
4X5X0.5

2630 and 2633VT feature lighter, welded spools

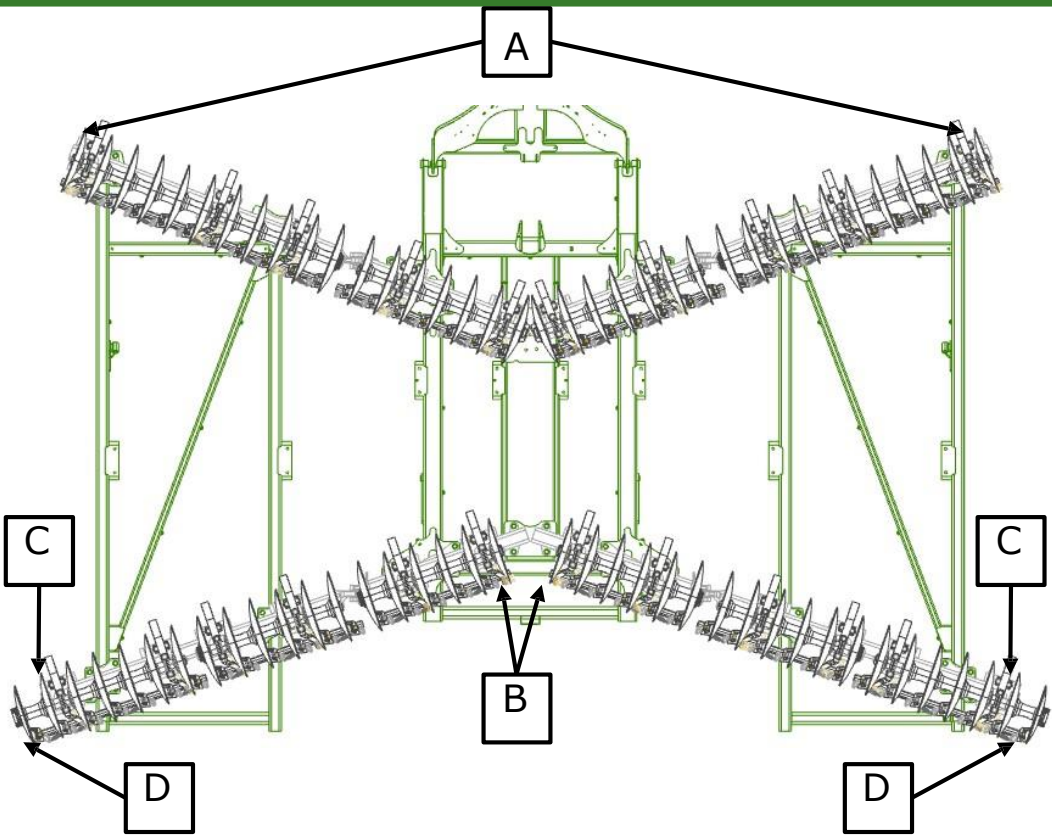
2633 and 2635 feature heavier, cast spools (27.9-cm [11-in.] spacing option on 2635 increases weight per blade)



As equipped with 61.0-cm (24-in.), 5.0-mm (0.197-in.) blades, the outer left-hand wing blade will be a 55.9-cm (22-in.), 5.0-mm (0.197-in.) blade (shown in yellow).



Above: Rear left-hand gang shown (right-hand is the same)
As equipped with 61.0-cm (24-in.), 5.0-mm (0.197-in.) blades, the inside left-hand gang blade and the second outer left-hand wing blade will be 55.9-cm (22-in.), 5.0-mm (0.197-in.) blades (shown in yellow).
As equipped with 61.0-cm (24-in.), 5.0-mm (0.197-in.) blades, the outside left-hand wing blade will be a 50.8- cm (20-in.), 4.5-mm (0.177-in.) disk blade (shown in green).



Primary blade length (cm, in.) / thickness (mm, in.)		Primary blade	A	B	C	D
2630	55.9 (22) / 4.5 (0.177) SPH	N242915	N242915	N242915	N242912	N242994
	61.0 (24) / 5.0 (0.197) SPH	N242920	N242916	N242916	N242916	N402465
	61.0 (24) / 6.5 (0.256) SPH	N242998	N242917	N242917	N242917	N242912
2633	61.0 (24) / 5.0 (0.197) SPH	N242920	N242916	N242916	N242916	N402465
	61.0 (24) / 6.5 (0.256) SPH	N242921	N242917	N242917	N242917	N242912
	61.0 (24) / 6.5 (0.256) ROL	N402349	N402348	N402348	N402348	N402465
	61.0 (24) / 6.5 (0.256) COS	N242922	N242918	-	-	-
2635	66.0 (26) / 6.5 (0.256) SPH	N242923	N242921	N242921	N242921	N242917
	61.0 (24) / 6.5 (0.256) SPH	N242921	N242917	N242917	N242917	N242912
	66.0 (26) / 6.5 (0.256) SPH	N242923	N242921	N242921	N242921	N242917
2633VT	66.0 (26) / 6.5 (0.256) COS	N242924	N242922	-	-	-
	55.9 (22) / 5.0 (0.197) SPH	N242916	N402465	-	-	-
	55.9 (22) / 6.5 (0.256) SPH	N242996	N402465	-	-	-
	55.9 (22) / 5.0 (0.197) WVY	N403847	-	N402465	N242465	N242994

SPH

Spherical Blade

COS

Cutout Blade

ROL

Rollable-Edge Blade

WVY

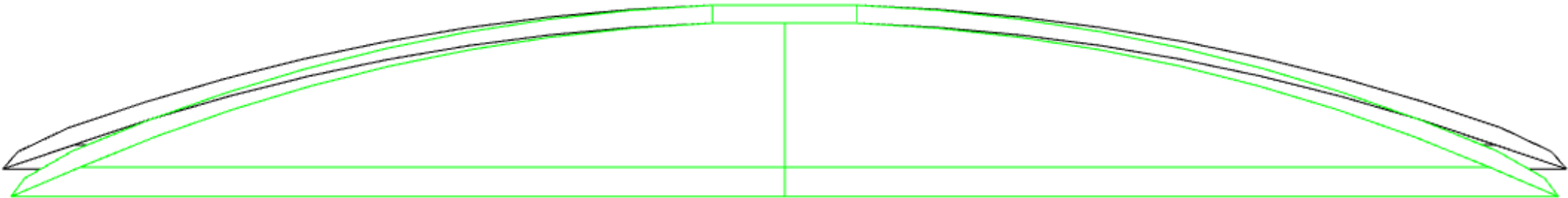
Wavy-Edge Blade

2630 Series Disks blade options											
		Spacing and blade options									
		18.4-cm (7.25-in.) Spherical FRONT [F] 18.4-cm (7.25-in.) Spherical REAR [R]			22.9-cm (9-in.) Spherical F 22.9-cm (9-in.) Spherical R			22.9-cm (9-in.) Cutout F 22.9-cm (9-in.) Spherical R	27.9-cm (11-in.) Spherical F 27.9-cm (11-in.) Spherical R	22.9-cm (9-in.) Spherical F 27.9-cm (11-in.) Spherical R	27.9-cm (11-in.) Cutout F 27.9-cm (11-in.) Spherical R
Blade thickness		4.5 mm (0.177 in.)	5.0 mm (0.197 in.)	6.5 mm (0.256 in.)	4.5 mm (0.177 in.)	5.0 mm (0.197 in.)	6.5 mm (0.256 in.)	6.5 mm (0.256 in.)	6.5 mm (0.256 in.)	6.5 mm (0.256 in.)	6.5 mm (0.256 in.)
Disk Blade Diameter	55.9 cm (22 in.)	2630	---	---	2630	---	---	---	---	---	---
	61.0 cm (24 in.)	---	---	---	---	2630/ 2633	2633*	2633	2635	2635	---
	66.0 cm (26 in.)	---	---	---	---	---	2633	---	2635	2635	2635

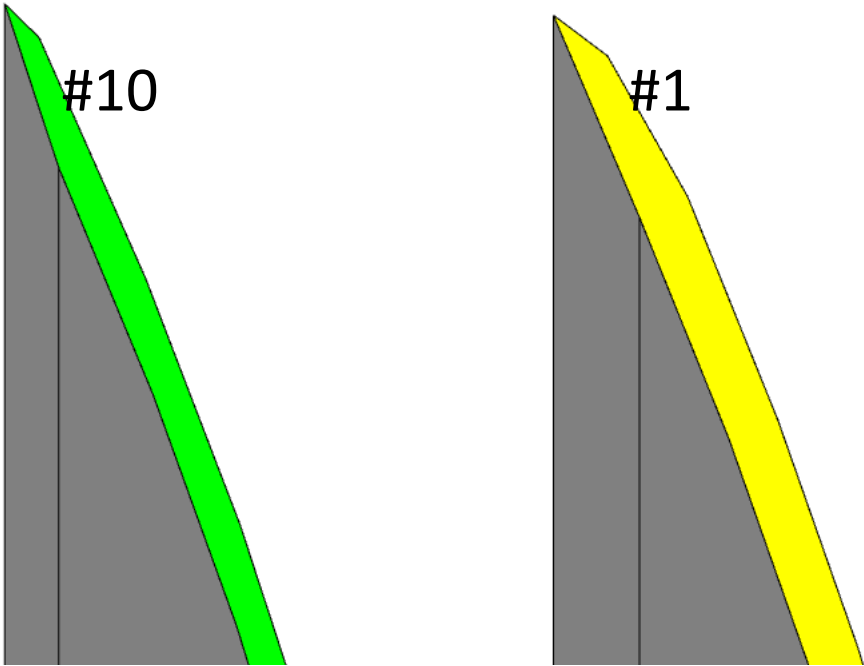
*Also Available in a Rollable Blade

Spherical blades				
Blade thickness		4.5 mm (0.177 in.)	5.0 mm (0.197 in.)	6.5 mm (0.256 in.)
Cutting Edge	1P	---	---	X
	10P	X	X	---

**Cutout Blades have a 10P Edge



Above: Comparison of 2633VT blade in black outline compared to 2633 Disk blade shown in green outline. Vertical tillage blades are shallow concavity, which will move less material than the deeper concavity disk blades. Vertical tillage blades are designed to run 25.4 to 76.2 mm (1 to 3 in.) and are primarily designed to size the residue, while only incorporating a small percentage. Disk blades are designed to run deeper than 76.2 mm (3 in.) and will size and incorporate more residue into the soil profile.



Disk blade edge profile options

Left: #10 Edge: profile shown in green cross section. 4.5-mm (0.177-in.) and 5.0-mm (0.197-in.) blades have the sharper #10 edge profile which has an inside bevel and outside grind. Works well in non-rocky conditions for cutting and mixing residue.

Right: #1 Edge: profile shown in yellow cross section. 6.5-mm (0.256-in.) blades have the beefier #1 profile which is best in rocky conditions and heavy-duty primary tillage applications.