

New Holland Disk Harrows

ST440 & ST460



NEW HOLLAND



Helping Plants Thrive[®]

Use a Disk Harrow that's Ahead of the Curve.

New Holland Tandem Disk Harrows... Cutting a New Path to Higher Yields.

Looking for a better way of doing things?... Consider your search over. Introducing the ST440 and ST460 Tandem Disk Harrows. These machines offer you a better way to manage crop residue and build quality seed beds. The **ST440 Seed Bed Disk Harrow**, with a typical weight per blade between 120 and 140 pounds, is focused on creating a better seed bed. The **ST460 Heavy-Duty Disk Harrow** has a typical weight per blade between 180 and 200 pounds – offering the benefits of an all-purpose disk.

Stronger, Better and Faster Than the Competition.

The ST440 and ST460 feature a frame that's built for the toughest conditions, a true tandem design, precise depth control, superior Earth Metal blades, walking tandems and the option of Harrow Mulchers on the rear of the machine. These features are what truly place these machines ahead of the curve. The frame features strong, heavy wall steel, front-to-

rear, and the well-engineered design delivers exceptional strength. The wings use 6 in. (152 mm) x 6 in. (152 mm) tubing on the outer frame for uniform weight per blade and added durability. Depth control is made at a single-point of adjustment, reducing the time spent in the field... letting you cover more acres per hour. The walking tandems make for a smoother ride (increasing the life of the machine), and more consistent depth control. The finishing touch is added by the 3-bar coil tine mulcher or the 3-bar spike tooth mulcher... enabling you to effectively manage crop residue across the entire field.

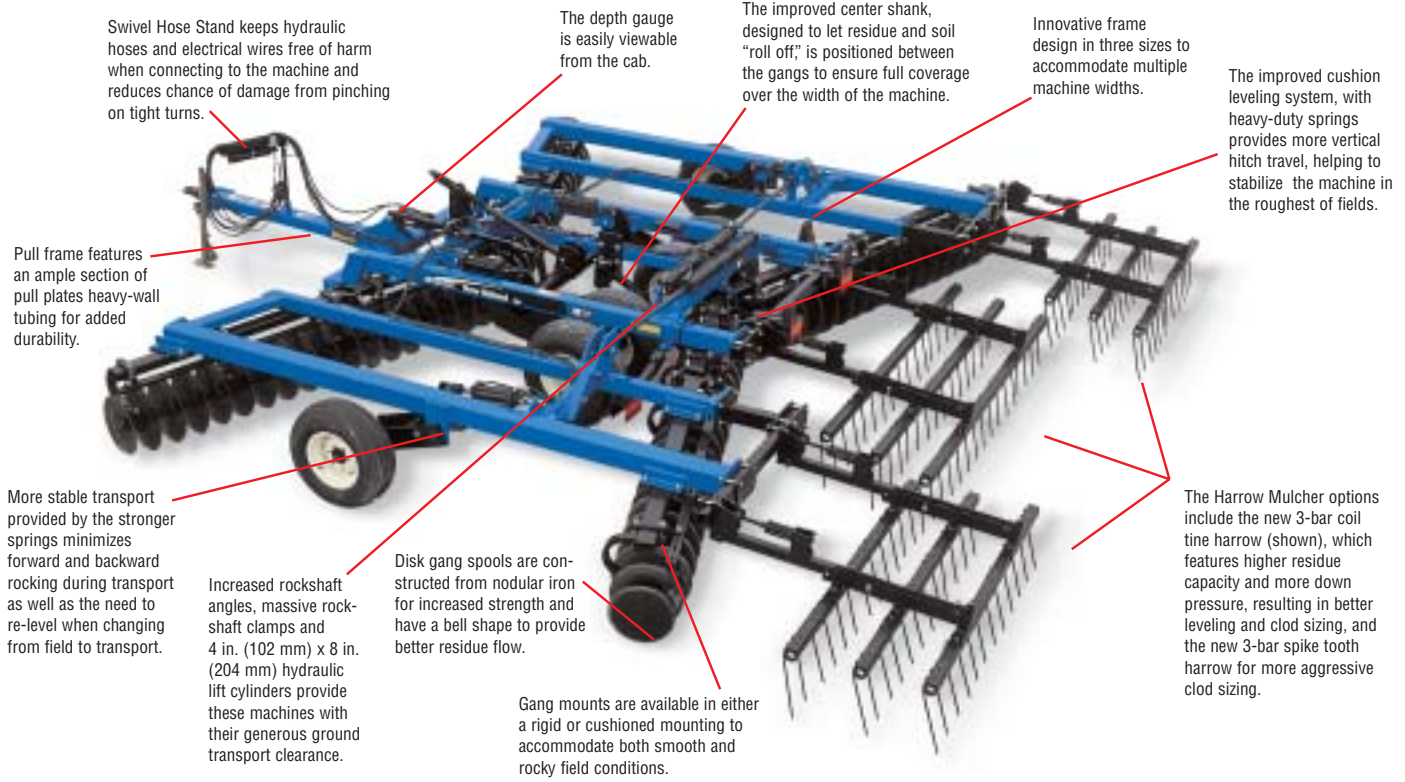
New ST440 Seed Bed Tandem Disk Harrow

The **New ST440 Tandem Disk Harrow** is designed to operate in light to medium-heavy residue conditions and is available in six working widths from 19 ft. to 34 ft. (5.8 m to 10.4 m). Typical applications include Row Crop areas with excellent performance in

soybean stubble, moderate wheat stubble, or corn stalks. Choose 7.5 in. (190 mm) blade spacing with 20 in. (508 mm) diameter blades (typical weight per blade of 120 to 140 pounds) for lighter residue, or the 9 in. (229 mm) spacing with larger 22 in. (559 mm) blades (typical weight per blade of 150 to 175 pounds) for heavier residue. Notched blades, or #11 reverse-bevel edge blades, are also available.

The ST440 is designed to take out weeds, incorporate chemicals and fertilizer, and **leave a smooth, level surface behind the machine.** The optimized lateral front and rear gang positioning of this True Tandem Disk Harrow give you just that. For extra field finishing, add a durable 3-bar coil tine mulcher for uniform residue distribution, or a 3-bar spike tooth mulcher for more aggressive clod sizing – the mulchers mount integral to the frame for extra strength. **For optimal Seed Bed Conditions, you can't beat the ST440!**





New ST460 Heavy-Duty Tandem Disk Harrow

The All-new **ST460 Heavy Duty Tandem Disk Harrow** is designed for harsh conditions. Typical applications include small grain crops with heavy residue and tough, dry soil conditions. The ST460 is available in four working widths from 25 ft. to 34 ft. (7.6 m to 10.4 m). The beefy 24 in. (610 mm) diameter blades and 6 in. diameter nodular iron spools provide the weight and durability for dryland conditions.

The front gangs have **exclusive shallow concavity blades for extra soil penetration well beyond the competition.** And if **productivity** is an issue – the ST460 is up to the challenge. Many operators report being able to run from 1.5 to 2.0 mph faster with the ST460 than with its nearest competitor. This means you can cover the same acreage in the same time with a smaller machine – saving you

money while getting better output in your fields! The ST460 is available in both rigid and C-spring cushioned configurations – so if rocks are not a problem, you can save again vs. competitors who don't offer a rigid version! **For tough operating conditions, get the all-new ST460!**

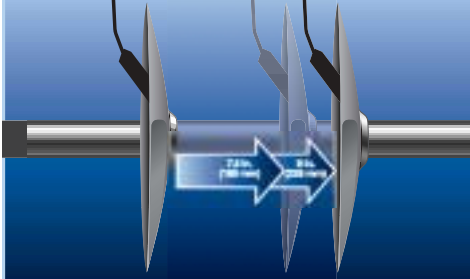
Work with your trusted tillage specialist.

Get the most out of every pass through the field and the most for your money. Ask your New Holland dealer for more information on the ST440 and ST460 Tandem Disk Harrows. Put your yields ahead of the curve.

KEY FEATURES OF THE ST440 AND ST460	
Frame	<ul style="list-style-type: none"> Strong, durable frames and wings with large 6 in. (152 mm) x 6 in. (152 mm) tubing provide years of dependable service. New NitroSteel® hydraulic cylinder rods are more durable and provide a 300% increase in corrosion resistance when compared with chrome-plated rods.
Transport	<ul style="list-style-type: none"> Cushioned leveling system with heavy-duty springs provides a stable ride in transport position. Walking tandems also provide a smooth ride, as well as more precise depth control during operation.
Depth Control	<ul style="list-style-type: none"> Precise Single-point hydraulic control makes setting depth easy.
Machine Leveling	<ul style="list-style-type: none"> Precise Single-point leveling with mechanical turnbuckle or optional hydraulics.
Blades	<ul style="list-style-type: none"> Earth Metal Blades wear 20% longer and are 30% stronger than competitive blades. The crimped center design provides extra strength while the flattened center section provides a tighter fit for a stronger gang.
Nodular Iron Spools	<ul style="list-style-type: none"> "Slim-Center" nodular iron spools provide better residue flow. Spools are cast, then the ends are machined flat for a precise fit to blades, resulting in a stronger gang.
Gang Mounts	<ul style="list-style-type: none"> C-spring cushioned gang mounts accommodate both smooth or rocky fields. Rigid mounts save money when rocks are not an issue.

NitroSteel® is a trademark of Quanex Corp.

Specifications



7.5 in. or 9 in. disk spacing on the ST440 provides excellent seed bed preparation and chemical incorporation while the 9 in. disk spacing of the ST460 delivers high residue capability.



Earth Metal solid disks provide cut uniformity while the #11 Reverse-bevel Edge disks (ST440 only) offer sharpness and soil penetration. Notched disks (ST440 only) aggressively cut residue and vegetation.



Rigid Arm Scrapers work best in heavy soil, low residue conditions, while Flex Arm Scrapers (ST440 only) work in lighter soil and high residue conditions to keep blades free of mud and residue.

	ST440	ST460	ST440	ST460
GENERAL				
Working Width	18 ft. 8 in. to 34 ft. 1 in. (5.7 to 10.4 m)	25 ft. 2 in. to 33 ft. 9 in. (7.7 to 10.3 m)		
Overall Length	21 ft. to 23 ft. 3 in. (6.4 to 7.1 m)	21 ft. 8 in. to 23 ft. 3 in. (6.6 to 7.1 m)		
Transport Width	12 ft. 7 in. to 17 ft. 8 in. (3.8 to 5.4 m)	15 ft. 3 in. to 18 ft. (4.6 to 5.5 m)		
Hitch	Spring Cushion, Self-Leveling	Spring Cushion, Self-Leveling		
Hitch Clevis	Perfect Hitch Auto-pin Design	Perfect Hitch Auto-pin Design		
Swivel Hose Stand	Standard	Standard		
Weight	9,049 to 16,175 lbs. (4105 to 7337 kg)	13,890 to 18,175 lbs. (6341 to 8244 kg)		
Mainframe Axles	Duals (19 to 22 ft. Sizes) (5.8 to 6.7 m Sizes) Walking Tandems (25 to 34 ft. Sizes) (7.6 to 10.4 m Sizes)	Walking Tandems		
Mainframe Tires	12.5L-15	12.5L-15		
Mainframe Wheels	6-Bolt Heavy-Duty (19 to 22 ft. Sizes) (5.8 to 6.7 m Sizes) 8-Bolt Heavy-Duty (25 to 34 ft. Sizes) (7.6 to 10.4 m Sizes)	8-Bolt Heavy-Duty		
Wing Wheels	Single, Dual or Tandem 6- or 8-Bolt	Dual or Tandem 6- or 8-Bolt		
Wing Tires	11L-15 or 12.5L-15	11L-15 or 12.5L-15		
Operating Speed	4.5 to 6 mph (7.2 to 9.7 km/h)	5 to 7 mph (8 to 11.3 km/h)		
TRANSPORT				
SMV Emblem	Standard	Standard		
Transport Locking System	Positive Mechanical Transport Lock	Positive Mechanical Transport Lock		
Warning and Tail Lights	Standard	Standard		
Safety Chain	Standard	Standard		
DEPTH ADJUSTMENT				
Depth Control	Single Point Hydraulic	Single Point Hydraulic		
Fore/Aft Leveling	Mechanical Turnbuckle or Optional Hydraulic	Mechanical Turnbuckle or Optional Hydraulic		
CROP RESIDUE MANAGEMENT				
Gang Mounts	Rigid or Cushion	Rigid or Cushion		
Disk Size	20 or 22 in. (508 or 559 mm)	24 in. (610 mm)		
Disk Blade Type	Earth Metal Crimped Center; Notched Also Available	Earth Metal Crimped Center; Shallow Concavity (Front), Standard Concavity (Rear)		
Disk Blade Spacing	7.5 or 9 in. (190 or 229 mm)	9 in. (229 mm)		
Disk Bearings	Rigid: Regreaseable Triple Lip, Heavy Steel Bearing, Self-Aligning Flange Style; Cushion: Precision Regreaseable Trunnion Mounted	Rigid: Regreaseable Triple Lip, Heavy Steel Bearing, Self-Aligning Flange Style; Cushion: Precision Regreaseable Trunnion Mounted		
Gang Arbor Bolt	1.5 in. (38 mm) Round	1.5 in. (38 mm) Square		
Gang Disk Spools	4.5 in. (114 mm) Nodular Iron Spool	6 in. (152 mm) Nodular Iron Spool		
Weight Per Blade (Typical)	7.5 in. (190 mm) Spacing: 120 to 140 lbs (54.4 to 63.5 kg) 9 in. (229 mm) Spacing: 150 to 175 lbs. (68 to 79.4 kg)	9 in. (229 mm) Spacing: 180 to 200 lbs (81.6 to 90.7 kg)		
Front/Rear Disk Gang Angle	18°	18°		
Operating Depth (Typical)	2 to 4 in. (51 to 102 mm)	3 to 6 in. (76 to 152 mm)		
Scrapers	4.5 in. (114 mm) Heavy-Duty Spring Steel Flex or Rigid	4.5 in. (114 mm) Heavy-Duty Spring Steel Rigid		
POWER REQUIREMENTS				
Engine Horsepower	7 to 10 hp/ft. (17 to 24 kW/m)	9 to 12 hp/ft. (22 to 29 kW/m)		
Drawbar Horsepower	5 to 8 hp/ft. (12 to 20 kW/m)	6 to 9 hp/ft. (15 to 22 kW/m)		
OPTIONAL EQUIPMENT				
Rear Hitch	Optional	Optional		
3-Bar Coil Tine Mulcher	Optional	Optional		
3-Bar Spike Tooth Mulcher	Optional	Optional		



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Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.



Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.