

SCHULTE[®]

DISC HARROW

SOILSTAR DHX-360 DHX-600



World Class *Built to Last*

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DHX-360 DHX-600 Disc Harrow

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Professional producers require equipment that can manage increased straw and chaff loads post-harvest, increase water penetration, quicken soil warming and promote weed seed germination for a proper pre-seed burn-off operation. DHX-600 does all that with its double row of wavy coulters and five bar heavy harrow. The coulters engage the ground sizing the straw and mixing the chaff within the top layer of soil. The heavy harrow evenly distributes, levels and breaks up residue that is discharged by the coulters. The DHX-600 is the next level of performance for post harvest and pre-seeding.

SOILSTAR[™]
Disc on Demand[™] *Disc Harrow System*

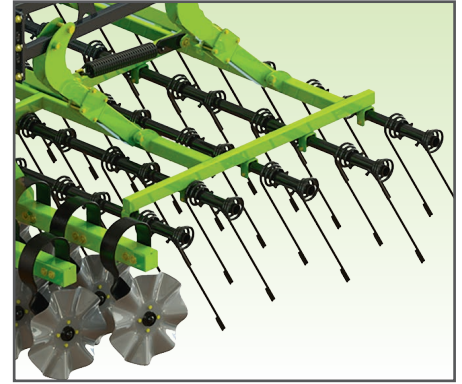


DHX-360 DHX-600 Disc Harrow

Excellent Ground Following Control

The DHX's two rows of 18" eight wave coulters on 7.2" spacing followed by five bars of 5/8" x 26" heavy harrow tines allows it to efficiently chop straw, mix residue with the ground all while spreading and leveling.

The coulters are mounted to a four bolt service free hub and a specially designed flat bar shank. The four bolt hub includes an Over Cap, a Grasswrap Guard, a V-Seal and a Triple Lip Seal protecting back to back Ball Bearings that will provide years of trouble free use. The hub is completely rebuild-able to help reduce service costs and down time. The flat bar shank has been designed out of 1/2" x 4" 6150 spring steel for long life excellent ground following.



The harrow tine coils are designed to get larger towards the outside of the tine so as to reduce stress during field operation. All harrows are controlled hydraulically for on the go adjustment. The down pressure on the harrow section can be easily adjusted with two large tension springs.

There is a single point depth control for the discs mounted at the rear of the machine. Simply move the adjustment along the slide to set your disc depth.

The main frame of the DHX is made from 12" x 12" 3/8" thick tubing making the machine robust and providing the necessary weight to make the disks extremely effective. The wing frames have been designed to carry almost an additional 3,000 lbs of water which adds an extra 30 lbs of force to each disk for increased penetration if needed.

The wing knuckle is made from 2" plate and uses 2.5" diameter Nitrided pins and MLG fiber bushings making it service free.

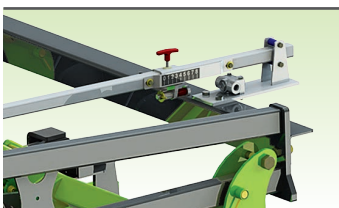


Before

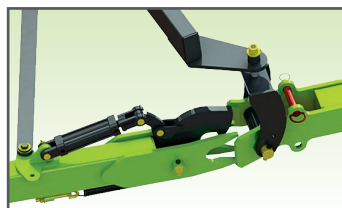


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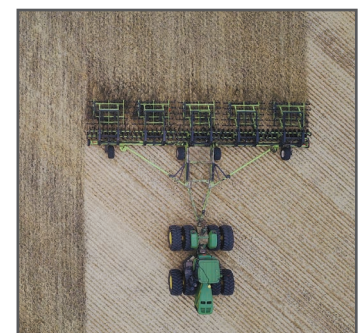
No more Cables! The DHX incorporates a hydraulic lock for the wing tension links. Cables stretch and can catch on things and inadvertently open the lock during operation. The new hydraulic actuated lock eliminates all those issues and incorporates a lock pin to ensure inadvertent actuation of the cylinder during field operation.



Single Point Depth Control



Hydraulic Lock for Wing Tension Links



Specifications

SPECIFICATIONS

	DHX-360	DHX-600
Working Width	36 ft	60 ft
Transport Width	15.25 ft	15.25 ft
Transport Height	14.5 ft	14.5 ft
Transport Length	33.5 ft	45 ft
Weight	25,000 lbs	32,000 lbs
# of Disc/Harrow Sections	5	5
Width of Sections	12 ft	12 ft
Rows of Discs	2	2
Size of Discs	18"	18"
Type of Disc	Straight, 8 wave	Straight, 8 wave
Width of Disc	2.25"	2.25"
Disc Spacing	7.2"	7.2"
Disc Shank	1/2" x 4"	1/2" x 4"
Disc Hub	4 bolt, sealed	4 bolt, sealed
Disc Angle	4°	4°
Harrow Layout	5 bar	5 bar
Harrow Tyne	5/8" x 26" with tip	5/8" x 26" with tip
Harrow Angle Adj.	35 - 90 degrees	35 - 90 degrees
Tires	500/45R22.5 Radials	500/45R22.5 Radials
Hubs	8 bolt - 10,000lb	8 bolt - 10,000lb
Main Boom Tubing	12" x 12" x 3/8"	12" x 12" x 3/8"
Number of Hyd. Outlets	4	4
Safety Lighting, SMV	Standard	Standard
Horsepower Required	7-9 per foot width	7-9 per foot width

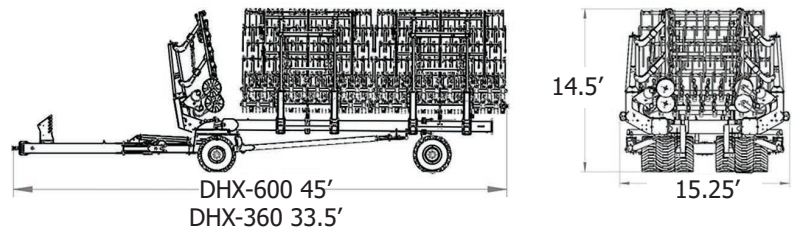


The DHX units always have positive hitch weight in the transport position unlike many of the traditional harrows in the marketplace. This is achieved through over centering the frame when lifting the machine into transport position. This over centering also widens the clearances between the center section and wing for ground following in the transport position.



Steerable wing wheels allow the unit to easily go in or out of transport mode.

The tires are 500/45 22.5 radials.



SCHULTE

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