



DISC HARROW

SOILSTAR DHX-360 DHX-600



World Class *Built to Last*

schulte.ca

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



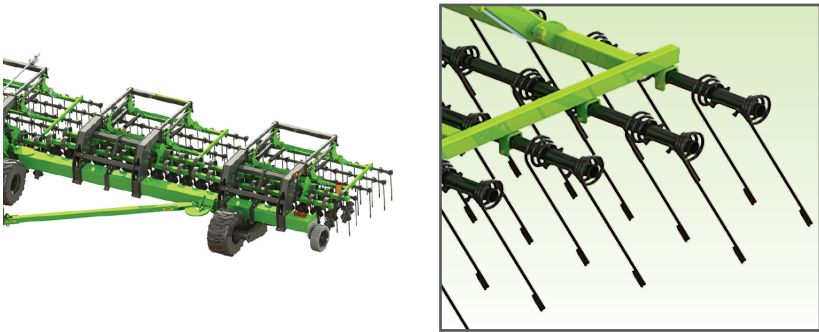
DHX-360 DHX-600 Disc Harrow

Excellent Ground Following Control

The DHX's two rows of 18" eight wave coulters on 8" 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 levelling.

The coulters are mounted to a four bolt service free hub and a specially designed shank. The rubber torsion shank has been designed for long life and ground following.

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 harrow tine coils are designed to get larger towards the outside of the tine so as to reduce stress during field operation.

When it comes to the amount of force the harrows are exerting on the ground there are three options: Spring, Manual Hydraulic and Electronic Hydraulic. The Spring adjustment uses two tension springs that can be adjusted to increase or lower the amount of force put onto the harrows. This option only provides down pressure onto the harrows. Both of the Hydraulic options use cylinders mounted onto the harrow arms to adjust either down or up pressure. Up pressure will take weight off the harrows for working in extremely heavy debris or damp conditions. The difference between the Manual and Electronic Hydraulic versions is that the Manual version has a valve on the hitch which you manually use to adjust the up or down pressure on the harrows. The Electronic version allows you to adjust the up or down pressure on the harrows using a monitor system from the comfort of your cab.

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 cast wing knuckles use 2.5" diameter pins along with spring steel bushings which are greasable to ensure long life.



Before



After

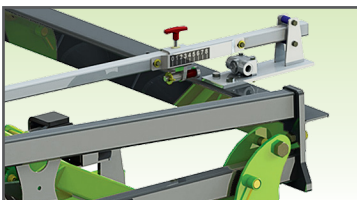
No more Cables! The DHX incorporates a hydraulic lock for the wing tension links. Cables stretch and can catch on things and inadvertently open the lock during operation. The hydraulic actuated lock eliminates all those issues and incorporates a lock pin to prevent inadvertent actuation of the cylinder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



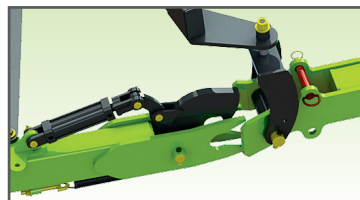
Optional electronic control monitor



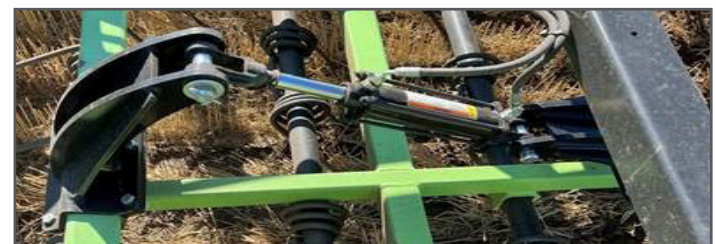
Optional manifold manual screw option



Single point depth control



Hydraulic lock for wing tension links



Hydraulic pressure control cylinder

Specifications

SPECIFICATIONS

	DHX-360	DHX-600
Working Width	36 ft	60 ft
Transport Width	15.25 ft	15.25 ft
Transport Height	15 ft	15 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	8"	8"
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	560/45 22.5 Radials	560/45 22.5 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

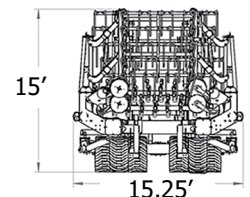
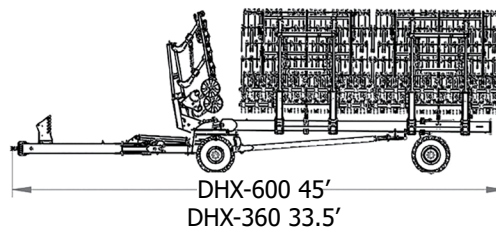


Steerable wing wheels allow the unit to easily go in or out of transport mode.

The tires are 560/45 22.5 radials.



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.



SCHULTE

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