

KELLY

Better Tillage. Better Tomorrow.

KELLY Tillage System



KELLY



KELLY is the global leader in the engineering and manufacturing of shallow tillage machinery. The KELLY brand is built upon a foundation of necessity-driven innovation and is committed to supporting beneficial farming practices.

KELLY machinery is intuitively designed, highly adaptable and offers multiple configurations to best suit the needs of the farmer, delivering cost savings and time efficiencies by completing multiple functions with a single machine and often completing those functions in a single pass.

KELLY continuously sets new industry benchmarks in the pursuit of a 'Better Tomorrow', with the commercial and environmental benefits of a KELLY seedbed promising a brighter and healthier future for both farmers and the planet.

Better Tillage. Better Tomorrow.



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Scan to
see the full
KELLY story.

*Pictured: Shane Kelly, Executive Director of Research and Development,
with an older KELLY model and CL1 Disc on the Kelly farm.*



Better Tillage. Better Tomorrow.

Inspired by Community

KELLY Tillage began as a family business with strong community values. We believe in servicing our customers well, caring for our staff and ensuring that our products contribute to sustainable agriculture.

It is our aim to have satisfied customers promoting our products and contributing to our continued improvement.

Our staff are critical members of the KELLY team and their dedication and pride is demonstrated in each and every product we sell.

Sustainable agriculture for us means improvements in soil structure and productivity, build up of soil carbon, best use of soil moisture, integrated weed management and improved economic margins.

We thank you for showing an interest in our products. If there is anything the team or I can do for you, please do not hesitate to contact us.



Shane Kelly

Pictured: The Kelly family farm in Booleroo Centre, South Australia



KELLY Tillage began on the Kelly family farm near Booleroo Centre in the northern agricultural region of South Australia. Nestled in the foothills of the picturesque Flinders Ranges, Booleroo Centre has a long history of agricultural innovation.



Pictured: KELLY Tillage System with CL1 Disc Chain

The KELLY Tillage System

One machine for year-round tillage.

The KELLY Tillage System uses a range of Disc Chains to meet ultra-shallow tillage opportunities in global crop production systems. Originally designed for managing crop residue after harvest, it is now used for leveling the seedbed, incorporating cover crops and removing weeds. With an earned reputation for strength and reliability, the KELLY Tillage System is available in multiple sizes and configurations.



Better Tillage. Better Tomorrow.

Building Better Tillage

Diamond Harrow

The KELLY Diamond Harrow provides a durable platform for KELLY Disc Chain. With a high-strength steel frame and a hydraulic fold system for ease of transport, this efficient harrow is available in a range of sizes.



Disc Chains

KELLY offers a full range of ground tool options, from the lightweight W36 Disc to the powerful CL2. Heavy, widely spaced Disc Chains offer improved soil penetration and performance in wet conditions, while chains with closer spacing increase weed control and provide a finer seedbed.



W36 Welded Disc



CL1 Cast Steel Disc



SD49 Spiked Disc



K4 Cutting Disc

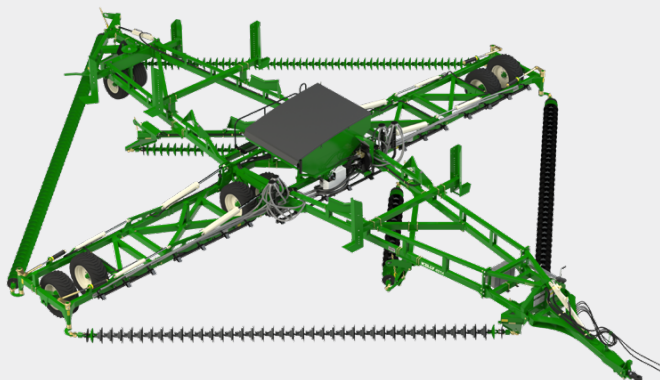


CL2 Cutting Disc

OPTIONAL

Pneumatic Seeder

The KELLY Seeder, an 80 cu ft airseeder unit, can be integrated with the KELLY Model 4614. Aftermarket seeders can be fitted to all models.



Scan to learn about seeding cover crops with KELLY.

Shallow Depth, Big Impact

Pictured: KELLY Model 6218HDX on corn stalks

Start with a perfect seedbed.

KELLY Tillage is the global leader in seedbed preparation, designing and manufacturing shallow tillage technology that preserves soil moisture, improves seed/soil contact and creates an even surface for planting.

A level seedbed optimizes planter performance and seed placement, leading to more consistent germination. KELLY Disc Chains create these ideal seeding conditions through an ultra-shallow tillage pass, giving each seed the best possible start.

Pictured: CL1 Disc Chain smashing crop residue

Make residue management simple.

KELLY Disc Chains break stubble and split internodes to accelerate biological decomposition, returning nutrients to the seedbed.

Shallow-working Disc Chain technology allows farmers to start preparing early in the season, saving costs on labor and fuel. By knocking down residue, the KELLY Tillage System leaves a protective mulch layer that insulates the topsoil against erosion from wind and rain.

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Pictured: Fleabane weed uprooted with KELLY Disc Chain

Control weeds on your own terms.

Weeds won't resist a KELLY. Disc Chains uproot established weeds, leaving them on the surface to die. Making a KELLY pass before planting can significantly reduce weed pressure in the field.

Using the KELLY as part of an integrated approach to weed control allows farmers to reduce the need for chemical herbicides, as well as limiting the emergence of herbicide-resistant varieties.



Pictured: KELLY Model 4614 with KELLY Seeder

Take charge of your cover crops.

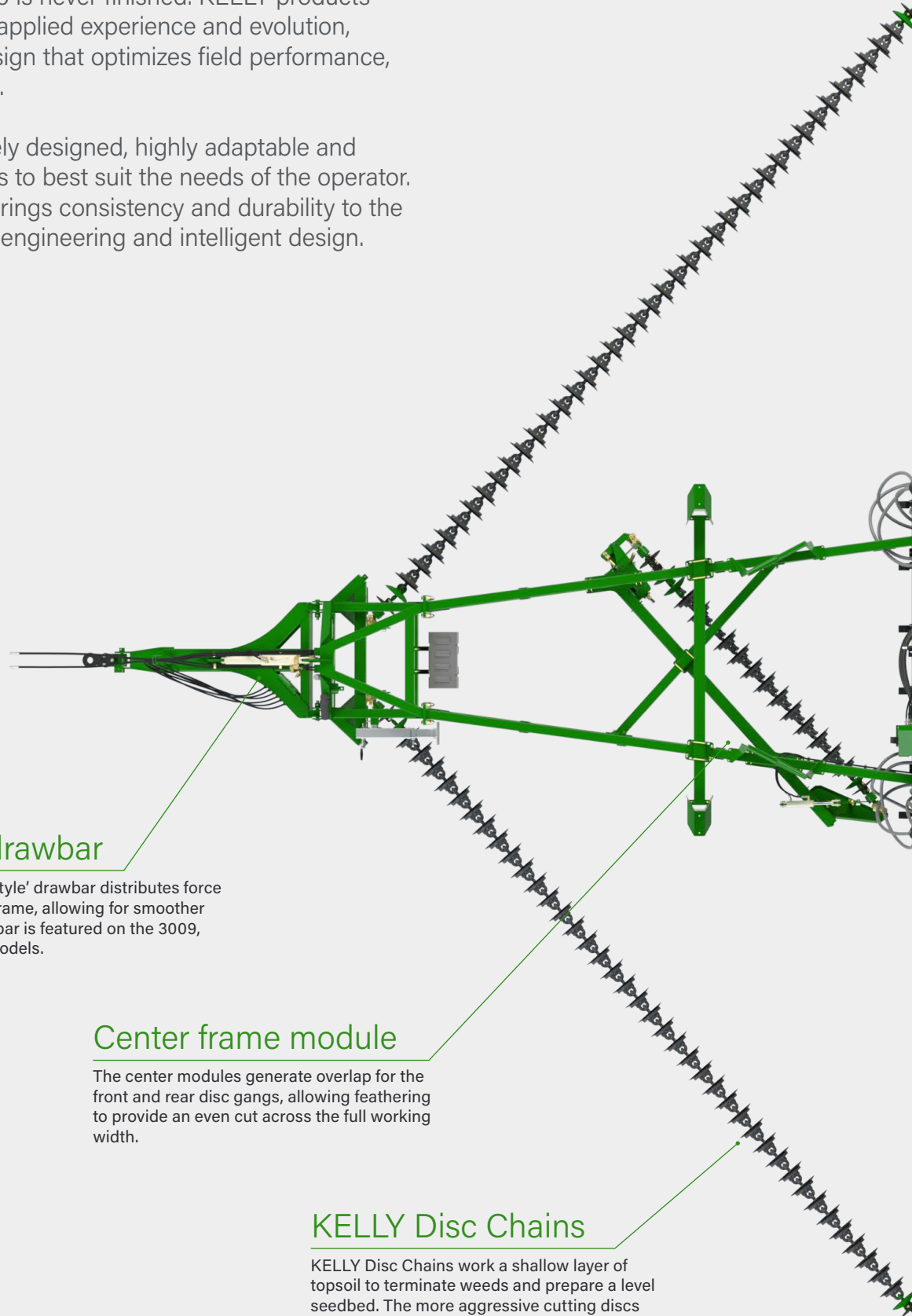
When fitted with an integrated pneumatic seeder unit, a KELLY can establish a cover crop while preparing a seedbed. At the other end of the season, it can incorporate cover crops to return organic matter to the soil, providing a fertile environment for the cash crop to grow.

Using a KELLY Seeder or an aftermarket airseeder allows the KELLY Tillage System to prepare the field and plant the cover crop in a single pass, saving time and money.

Machine Features

As any farmer knows, the job is never finished. KELLY products are the result of decades of applied experience and evolution, culminating in a modern design that optimizes field performance, fuel efficiency and resilience.

KELLY machinery is intuitively designed, highly adaptable and offers multiple configurations to best suit the needs of the operator. The KELLY Tillage System brings consistency and durability to the forefront through innovative engineering and intelligent design.



T-Style drawbar

The durable 'T-Style' drawbar distributes force throughout the frame, allowing for smoother turns. This drawbar is featured on the 3009, 4012 and 4614 Models.

Center frame module

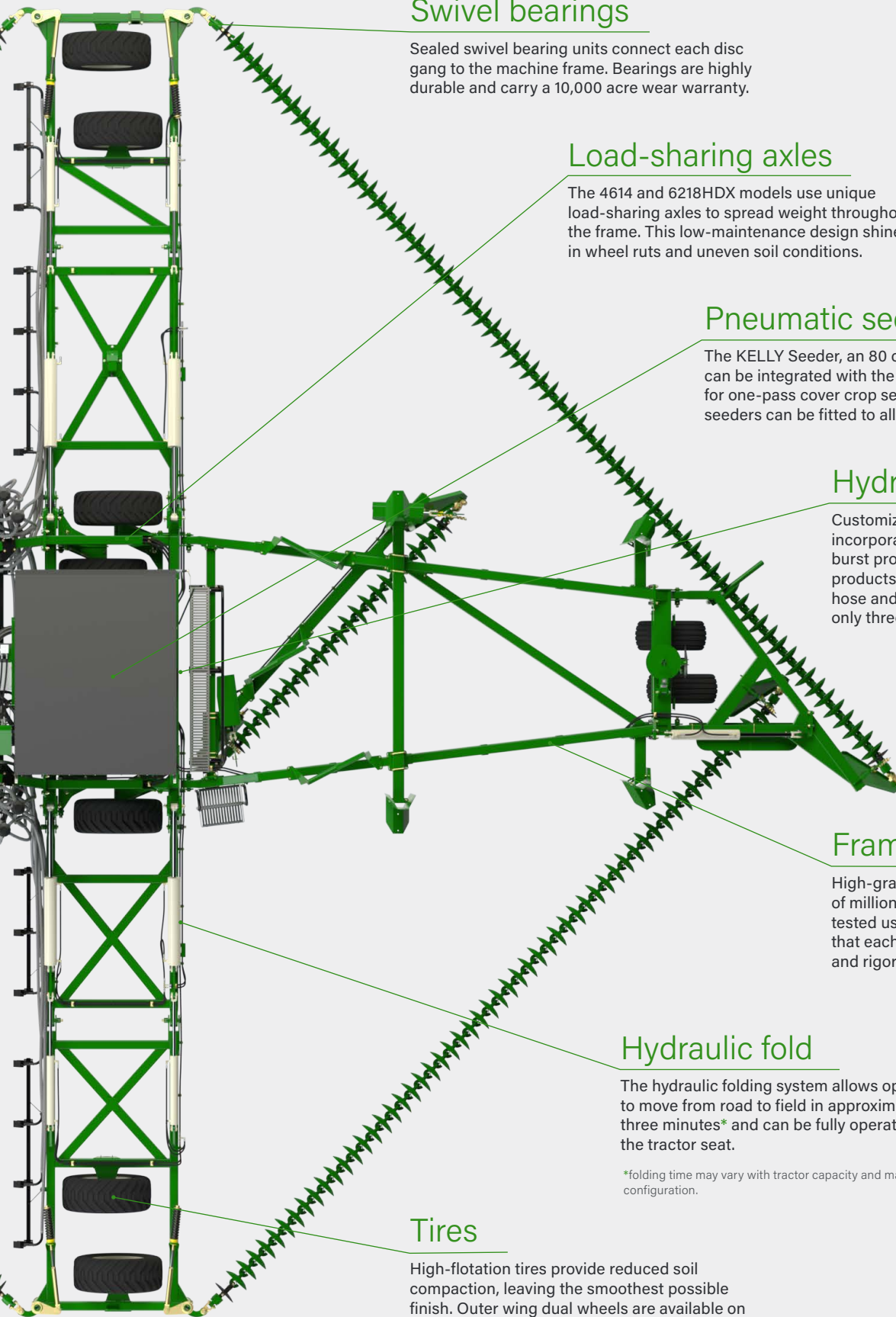
The center modules generate overlap for the front and rear disc gangs, allowing feathering to provide an even cut across the full working width.

KELLY Disc Chains

KELLY Disc Chains work a shallow layer of topsoil to terminate weeds and prepare a level seedbed. The more aggressive cutting discs size and split residue, accelerating microbial breakdown to return organic matter to the soil.

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Pictured: KELLY Model 4614 with KELLY Seeder



Swivel bearings

Sealed swivel bearing units connect each disc gang to the machine frame. Bearings are highly durable and carry a 10,000 acre wear warranty.

Load-sharing axles

The 4614 and 6218HDX models use unique load-sharing axles to spread weight throughout the frame. This low-maintenance design shines in wheel ruts and uneven soil conditions.

Pneumatic seeder

The KELLY Seeder, an 80 cu ft airseeder unit, can be integrated with the KELLY Model 4614 for one-pass cover crop seeding. Aftermarket seeders can be fitted to all models.

Hydraulic manifold

Customized hydraulic valve manifolds incorporate a range of safety features for burst protection and operator security. KELLY products exclusively use high-quality Ryco hose and fittings, facilitating operation with only three pairs of hoses.

Framework

High-grade KELLY fabrications are the result of millions of acres of experience. Designs are tested using Finite Element Analysis to ensure that each machine will stand up to the stress and rigor of years of use.

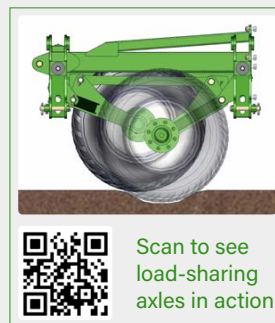
Hydraulic fold

The hydraulic folding system allows operators to move from road to field in approximately three minutes* and can be fully operated from the tractor seat.

*folding time may vary with tractor capacity and machine configuration.

Tires

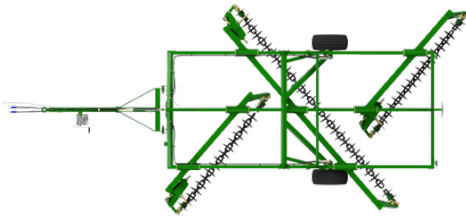
High-flotation tires provide reduced soil compaction, leaving the smoothest possible finish. Outer wing dual wheels are available on select models for increased stability.



MODEL RANGE

The KELLY Tillage System is simple to operate and requires minimal maintenance due to a user-friendly hydraulic folding system, sealed swivel bearings and stress-tested framework.

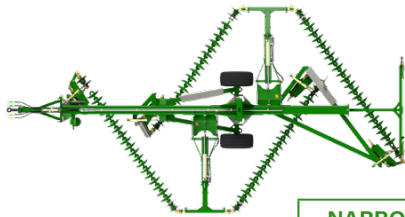
*Minimum power requirements assume each machine is fitted with CL1 Disc Chain on the front and rear chain sets. Below power requirements are guidelines only. The power required to effectively operate each machine may vary based on Disc Chain configuration and soil conditions.



KELLY 12X

The KELLY 12X is the next generation of shallow tillage. This year-round maintenance tool can be used for everything from smoothing wheel ruts in a dirt road to preparing a food plot at a hunt club. With sealed bearings and a durable steel frame, this sturdy machine is ideal for low-horsepower soil leveling and weed control applications.

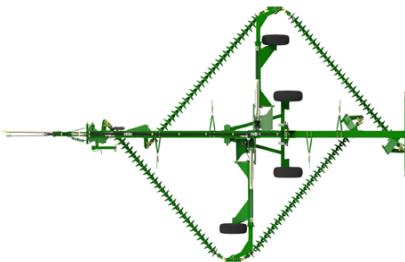
TRANSPORT LENGTH	TILLAGE WIDTH	PERFORMANCE (AT 9MPH)	MIN. POWER REQUIRED
30'10"	11'7"	11.4 ac/hr	70HP*



MODEL 1204

The Model 1204 is designed to leave a smooth, flat floor between orchard rows for improved nut harvest efficiency. This model can level soil, control weeds and prepare for harvest – all in one pass. Fuel, labor and herbicide savings ensure rapid return on investment. This unique model is configurable to suit a range of tree row spacings.

	TRANSPORT DIMENSIONS	TILLAGE WIDTH	FRAME WEIGHT	PERFORMANCE (AT 9MPH)	MIN. POWER REQUIRED
NARROW	29'5" (L) x 7'7" (W) x 6'9" (H)	11'4"	4,740 lb	11.1 ac/hr	75HP*
MEDIUM	29'5" (L) x 7'8" (W) x 7'7" (H)	13'2"		12.9 ac/hr	
WIDE	29'5" (L) x 7'8" (W) x 8'5" (H)	14'8"		14.4 ac/hr	

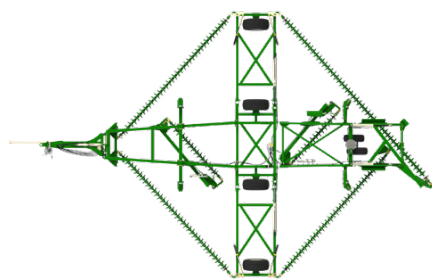


MODEL 2006

The Model 2006 uses an offset diamond chain layout for improved centerline overlap. This compact model uses hydraulic chain tensioning and has uniform wing and transport wheels, increasing stability and serviceability. The floating wings of the Model 2006 closely follow soil contours to achieve a level cut in undulating terrain.

TRANSPORT DIMENSIONS	TILLAGE WIDTH	FRAME WEIGHT	PERFORMANCE (AT 9MPH)	MIN. POWER REQUIRED
34'(L) x 7'11"(W) x 12'10"(H)**	20'10"	6,063 lb	20.5 ac/hr	120HP*

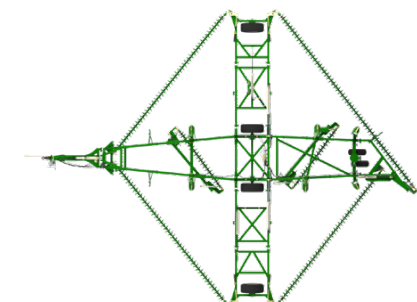
**Model 2006 transport height can be reduced to 11'10" by dumping pressure in the wing tension cylinders.



MODEL 3009

The reliable and robust Model 3009 KELLY Tillage System is suitable for a wide range of applications. With floating wing cylinders and increased ground clearance over the Model 2006, this mid-sized model performs consistently across its cut width.

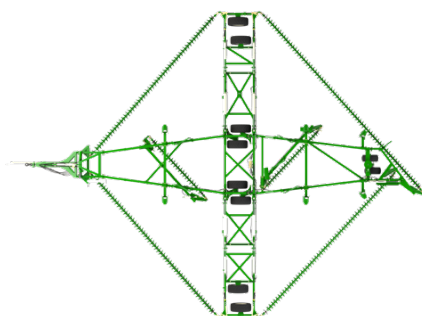
TRANSPORT DIMENSIONS	TILLAGE WIDTH	FRAME WEIGHT	PERFORMANCE (AT 9MPH)	MIN. POWER REQUIRED
39'5"(L) x 11'5"(W) x 13'5"(H)	29'6"	10,230 lb	29 ac/hr	150HP*



MODEL 4012

The Model 4012 is built for longevity, efficiency and maneuverability. The front pull is designed to withstand high horsepower while allowing for tighter turns, and the front wing cylinders are situated inboard for improved protection from damage. This highly versatile model is ready to tackle any job you throw at it.

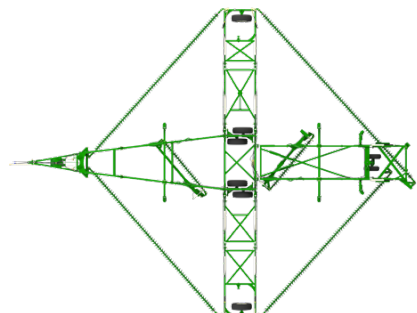
TRANSPORT DIMENSIONS	TILLAGE WIDTH	FRAME WEIGHT	PERFORMANCE (AT 9MPH)	MIN. POWER REQUIRED
46'10"(L) x 11'3"(W) x 12'9"(H)	39'2"	12,787 lb	38.5 ac/hr	200HP*



MODEL 4614

The popular Model 4614 is designed with upsized jockey wheels, a high-strength reinforced frame and optional dual outer wing wheels for improved flotation. This heavy-duty model has higher underframe clearance for terrace work and high residue loads. The Model 4614 is compatible with the KELLY Seeder, an airseeder unit made for cover crop establishment.

TRANSPORT DIMENSIONS	TILLAGE WIDTH	FRAME WEIGHT	PERFORMANCE (AT 9MPH)	MIN. POWER REQUIRED
56'4"(L) x 12'9"(W) x 12'11"(H)	45'10"	17,196 lb	45 ac/hr	230HP*



MODEL 6218HDX

The powerful Model 6218HDX is built for taking care of business. With twin drawbar cylinders, load-sharing axles and optional dual outer wing wheels, this heavy-duty model has exceptional durability. The Model 6218HDX has higher underframe clearance for rolling over terraces.

TRANSPORT DIMENSIONS	TILLAGE WIDTH	FRAME WEIGHT	PERFORMANCE (AT 9MPH)	MIN. POWER REQUIRED
72'2"(L) x 16'5"(W) x 15'7"(H)	59'4"	29,586 lb	58.3 ac/hr	310HP*

KELLY

DISC RANGE

Each KELLY Disc is designed for a different application and soil type. With the inbuilt versatility afforded by different chain configurations, the KELLY Tillage System becomes a year-round tool for seedbed preparation, weed control, residue management, cover crop termination and more.



Scan to learn more about KELLY Disc Chains.



W36 Disc Chain

The highly durable W36 works wonders in wet weather. Used alone or in combination with another Disc Chain, the shallow and smooth surface of the W36 performs in wet and sticky soils like nothing else can. This welded Disc Chain also benefits from a lighter weight, resulting in reduced power requirements for effective operation.

UNIT WEIGHT	CHAIN WEIGHT	DISC CONCAVITY	DIAMETER	SPACING	THICKNESS
20 lb	37 lb/ft	25°	13"	6 1/2"	5/16"



CL1 Disc Chain

With extraordinary wear life and unmatched versatility, CL1 Disc Chain is the ideal tool for stubble management. The CL1 works at a constant, shallow depth for weed control and leveling, while retaining subsoil moisture and protecting soil structure to give farmers a perfect seedbed for planting.

UNIT WEIGHT	CHAIN WEIGHT	DISC CONCAVITY	DIAMETER	SPACING	THICKNESS
25 lb	47 lb/ft	35°	13"	6 7/16"	5/16"



SD49 Disc Chain

SD49 Spiked Disc Chain is fast and effective. The light touch breaks clods, levels soil, airs the surface and plucks out weed seedlings. The rolling spikes lift residue and weeds to the surface, making SD49 ideal for pre or post seeding clean up. The shallow working depth makes SD49 Disc Chain light to pull, allowing it to cover more acres more quickly.

UNIT WEIGHT	CHAIN WEIGHT	DISC CONCAVITY	DIAMETER	SPACING	THICKNESS
22 lb	53 lb/ft	20°	12"	4 15/16"	13/16"



K4 Disc Chain

A mid-weighted cutting disc with a replaceable blade built for enhanced weed control, especially effective in loam soils. The sharp edge of the K4 disc pulls weeds from the soil, flipping them over and leaving them on the surface to die. Farmers using this method have reported over 90% reductions in weed density.

UNIT WEIGHT	CHAIN WEIGHT	DISC CONCAVITY	DIAMETER	SPACING	THICKNESS
25 lb	48 lb/ft	25°	13"	6 5/16"	3/16"



CL2 Disc Chain

A powerful disc with a replaceable cutting blade, built for rough conditions and heavy stubble. The sharp edge of the heavy-duty CL2 penetrates the toughest of soils, while the weight and shape of the boss keeps the disc cutting and limits the working depth.

UNIT WEIGHT	CHAIN WEIGHT	DISC CONCAVITY	DIAMETER	SPACING	THICKNESS
53 lb	74 lb/ft	25°	14"	8 11/16"	3/16"


Built For Your Farm

Disc Chains offer many of the benefits of a traditional tillage pass without the associated drawbacks. By minimising aggression through reduced weight and shallow working depth, a KELLY preserves the soil structure and protects subsoil moisture. Designed with a careful balance of chain weight and disc spacing, KELLY chains create an optimal seedbed without compromising on fuel economy.





The right disc for the job.

Each KELLY chain is designed for a different application and soil type; the weight, working edge, chain spacing and disc concavity of the different discs are prescribed to match a wide range of seasonal shallow tillage requirements.

With the inbuilt versatility afforded by different Disc Chain configurations, the KELLY Tillage System becomes a year-round tool for seedbed preparation, weed control, residue management, cover crop termination and more.

					
Application	W36	CL1	SD49	K4	CL2
Seedbed preparation (fine tilth)	●	●	●	●	○
Leveling ruts & ridges	●	●	●	●	●
Weed control	○	○	●	●	●
Light residue work	●	●	●	●	●
Medium residue work	○	●	●	●	●
Heavy residue work	○	○	○	●	●
Cover crop seeding	○	○	●	○	●
Cover crop termination	○	○	×	●	●
Fertilizer incorporation	●	●	●	●	○

× = not suitable ○ = suitable ● = high performing

					
Soil Type	W36	CL1	SD49	K4	CL2
Sand (dry)	○	○	●	○	×
Sand (wet)	○	○	●	●	×
Sandy loam (dry)	●	●	●	●	●
Sandy loam (wet)	●	●	●	●	●
Loam (dry)	●	●	●	●	●
Loam (wet)	●	●	●	●	●
Clay loam (dry)	●	●	●	●	●
Clay loam (wet)	●	●	●	●	●
Clay (dry)	○	●	○	●	●
Clay (wet)	●	●	○	○	○

× = not suitable ○ = suitable ● = high performing

Better Tillage. Better Tomorrow.



You're In Safe Hands

Farmers can rest easy with KELLY's comprehensive warranty policy and industry-leading aftersales service and support team.

Global reach, local support.

KELLY has grown from its Australian origins to become a global business with manufacturing and sales support around the world. KELLY's network of dealers across the USA and Canada is fully equipped to provide an exceptional customer experience, while the North American KELLY representatives offer a level of customer service that is second to none.

50,000 acre coverage.

KELLY Disc Chains are built to last. All KELLY ground-engaging tools (except replaceable cutting discs) carry a 50,000 acre wear warranty. All discs are warrantied for 50,000 acres against faulty workmanship and materials.

24-month machine warranty.

KELLY products are automatically warrantied against faulty workmanship and materials for 12 months from date of purchase. If the machine is registered within 2 months of purchase, KELLY offers an additional 12 months of warranty at no added cost, for a total warranty period of 24 months.

Customer Testimonials



“ The KELLY has changed a lot of the paradigm of how we grow some of our crops. The immediate benefit was less horsepower, less fuel and all of that. We’ve come to understand that the **benefits are also soil related.**

We’re not working our soil more than an inch deep, and compaction issues are reduced. We’ve covered a lot of acres and the wear has been phenomenal.

Davis Farms
Carlisle County KY



“ I’d seen it in action so I knew it worked, but initially I wasn’t sure I could justify the expense. It’s pretty clear to me now that the KELLY **saves us money** in time and fuel and chemicals.

We use it in so many different ways because it’s a very versatile tool and it does such a good job...There’s no doubt that it saves us a lot of time and a lot of fuel but it still has to do the job, and the KELLY definitely does the job.”

Jimmy Cole Farms
Reyno AR



“ The KELLY harrow for us is high-speed tillage. It gets over the ground a lot faster to get it dried out, and it prepares our seedbeds very well.

We get in the field maybe a week earlier thanks to the KELLY.

Travis Matthews
Carrollton MO



“ Without the KELLY, you’d double your time just disc-harrowing, and you’d use about three times as much fuel. That’s doesn’t even figure in the land-planing.

With the KELLY, we’re running a 45ft. wide implement at about 8 miles per hour and a lesser engine RPM than you would with a disc, a field cultivator or a land-plane because it’s a much easier pull.

It’s a lot faster and it saves a lot of fuel – and it **does a heckuva job.**

Pigue Farms
Paragould AR

Better Tillage. Better Tomorrow.



Scan to hear
from KELLY
customers.

“ My rule is if we ran a disk, we had to run land planes. With the KELLY we can go out and make a pass or two, then come back and plant without having to run land planes, and that **speeds up our planting operations**.

I'd recommend one to anyone growing rice. It certainly worked well for me!

Todd Cullen
Jonesboro AR

“ As far as major problems, we just haven't had any. The secret is to keep the chains tight.

We check them every morning before we start. It's pretty simple. There are four tensioners to check and you can do it in a matter of minutes. It's a very **simple, trouble-free machine**.

Gaither Farms
Hoxie AR

“ The main reason we purchased this machine was to reduce our spending on chemicals.

By doing some testing, we found that we had **improved emergence**, improved seed germination and savings in fuel.

Green vegetation index imaging showed further improvements in seeding and plant health. This led to us acquiring a second machine to incorporate the rest of our land.

Jenaro Valinotto
Villa María, Argentina

“ One of the biggest results I've seen in a short space of time is an improvement of our seedbed. In addition to that it's the improved stubble management and improved weed control.

Last year we **cut out a spray on our entire farm** because we used the KELLY. With more experience, I think we can cut out further sprays.

David Evans
Free State, South Africa



Save on fuel, labor and herbicide.

Ask what a **KELLY** can do for your farm.



Scan to contact
KELLY for pricing
and availability.

North America

United States

Hood & Company
www.kellytillage.com

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