

Compact Discs

OPTIMER+ 103 and 1003 Series



www.KuhnNorthAmerica.com



Invest in Quality®

OPTIMER+ COMPACT DISCS 103 SERIES / 1003 SERIES

HIGH SPEED, MINIMUM TILLAGE

CREATE AN IDEAL SEEDBED

Soil warming and residue breakdown constantly challenge the profitability of your minimum-till fields. Aggressively working only the top few inches mixes in residue for faster decomposition while still maintaining enough surface coverage to control erosion. The soil quickly reaches optimum planting temperature to help your crop achieve maximum yield potential.

FINISH SOONER

Time is money, especially during narrow tillage and planting windows. High working speeds and compact, maneuverable designs make short work of all your fields, no matter their shapes or sizes.

ADAPT TO MEET YOUR NEEDS

KUHN machines are designed to be simple to operate and maintain. Lubed-for-life bearings eliminate daily greasing headaches, while all main adjustment points require no tools so you can quickly react to ever-changing field conditions.

COMPACT DISCS in brief

Models	Number of Discs	Working Width
Optimer+ 303	24	9'10"
Optimer+ 403	32	13'1"
Optimer+ 4003	32	13'1"
Optimer+ 5003	40	16'5"
Optimer+ 6003	48	19'8"
Optimer+ 7503	60	24'7"



OUTSTANDING MANEUVERABILITY

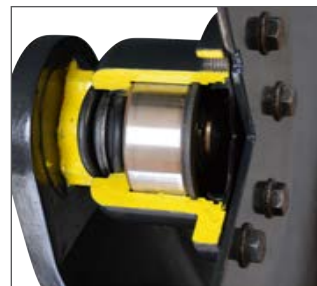


With shallow working depths (1-4"), the Optimizer+ quickly warms the soil so you can plant your crop sooner. It also uses aggressive disc blades that thoroughly mix residues in the soil to encourage decomposition. The rollers on the Optimizer+ leave you with a packed, level finish on the field.



INCREASED CLEARANCE

New arms provide nearly five inches of additional frame clearance, so you can power through even the heaviest residue conditions without fear of plugging.



REDUCED MAINTENANCE

The hubs on the Optimizer+ feature a double row of oblique-contact ball bearings that are sealed and lubed-for-life to eliminate maintenance headaches.



DISC BLADES

20" curved disc blades with large notches aggressively shred crop residue and evenly mix it into the soil. The blades are angled both horizontally and vertically to work completely across the soil profile.



INDEPENDENT DISC PROTECTION

A system of four polyurethane elastomer blocks allows each disc to move independently in the case of striking an obstacle, which does not alter the working depth across the rest of the machine.

OUTSTANDING PRODUCTIVITY

The 1003 trailed models take the productivity of the Optimizer+ even further while simplifying the hookup.

With four models offering up to nearly 25' of working width, even your largest fields will be conquered in no time. Best of all, every one of our trailed models folds to a narrow 9'10" for easy, safe transport.



INCLINED TO MEET YOUR NEEDS

The disc attack angle inclines to give the machine a large area to penetrate the soil. The shape of the discs provides intensive mixing of soil and crop residues.



HITCH OPTIONS

The Optimizer+ 1003 Series features a standard 2-point hitch for easy hookup and improved load transfer to the tractor. A drawbar hitch with integrated hydraulic transport lift is also available.



GAUGE WHEELS

The trailed version of the Optimizer+ can be equipped with front gauge wheels to till the soil perfectly. These wheels are hydraulically assisted for more comfort.



COMPACT DESIGN

The Optimizer+'s compact design and small overhang means it can be adapted to almost any tractor.



TOOL-FREE ADJUSTMENTS

Adjusting the working depth of the Optimizer+ is simple and requires no tools to keep you as productive as possible.

CUSTOMIZED TO FIT YOUR OPERATION

ROLLER OPTIONS



T-RING ROLLER

This type of roller works well in clay or heavy soil. It provides the soil with even firming while maintaining a smooth finish. It also assists with straw decomposition.

T-LINER ROLLER

This roller comes in a solid tube design. It performs best in rocky conditions and provides good crumbling for the entire working width of the machine.

OPTIONAL EQUIPMENT



RIGHT SIDE DEFLECTOR DISC

The deflector disc keeps residue and soil clods in line with the direction of travel for ideal mixing.



REAR LEVELING, SPRING TINE HARROW

The rear leveling, spring tine harrow optimizes soil and residue flow for a level, even finish.

Technical Specifications

	Optimizer+ 303	Optimizer+ 403	Optimizer+ 4003	Optimizer+ 5003	Optimizer+ 6003	Optimizer+ 7503
Working Width	9'10" (3 m)	13'1" (4 m)	13'1" (4 m)	16'5" (5 m)	19'8" (6.2 m)	24'7" (7.5 m)
Transport Width	9'10" (3 m)	13'1" (4 m)	9'10" (3 m)			
Hitch Type	Cat. 3		Semi-Mounted, Cat. 3 (Cat. 3/4 Drawbar Optional)			
Minimum PTO Requirement	90 hp (67 kW)	120 hp (89 kW)		150 hp (112 kW)	180 hp (135 kW)	225 hp (168 kW)
Maximum PTO Requirement	150 hp (112 kW)	200 hp (150 kW)		250 hp (186 kW)	300 hp (224 kW)	360 hp (268 kW)
Number of Discs	24	25	32	40	48	60
Notched Disc Diameter	20"					
Working Depth	1¼–4" (3.2 cm–10 cm)					
Side Deflectors	Standard Left		Standard Left, Right as Option			
Hydraulic Requirements	–		2 DA			
Road Lights and Signaling	Standard					
Machine Weight	3,798 lbs (1,723 kg)	5,902 lbs (2,677 kg)	10,372 lbs (4,705 kg)	11,303 lbs (5,126 kg)	11,986 lbs (5,437 kg)	13,695 lbs (6,212 kg)

GENUINE KUHN PARTS®

No part better fits a KUH N machine than an original KUH N part

Here at KUH N, we produce spare parts built to last in our very own foundries, our forges and our ultra-modern production facilities. You can trust in our long standing know-how, based on almost two centuries of experience. With KUH N Parts, you can be assured of the highest quality parts and customer service in the agricultural equipment industry. Seven distribution centers, located strategically throughout North America, ensure that KUH N, KUH N Knight and KUH N Krause dealers have access to parts and assistance so you can get back in the tractor.



COMPACT DISCS OPTIMER+

COMPLEMENTARY PRODUCTS

MORE PRODUCTS TO MEET YOUR NEEDS

With over 700 models of equipment, we have the most complete implement line in the industry. Whether you have a small or large operation, we have a broad range of models and options to help fit your diverse needs.



1. Grain Drills
2. Fertilizer Spreaders
3. Large Square Balers
4. Primary Tillage
5. Strip Till
6. Vertical Tillage

For more information about your nearest KUHN dealer and other KUHN products, visit our website at www.KuhnNorthAmerica.com



Visit our YouTube channel to watch our latest product videos.



Your KUHN dealer

KUHN NORTH AMERICA, INC.

Corporate Headquarters
1501 West Seventh Avenue - Brodhead, WI 53520

Information given in this document is only for informational purposes and is non-contractual. Our machines are in compliance with North American safety standards. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices must be operated in accordance with the requirements indicated in the operator's manuals and assembly manuals. We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

