



SUMMERS[®]

DIAMOND DISK

SERIES 10



Major Features:

- Diamond shaped to “float” over rocks without damage.
- Triangular wheel arrangement and floating hitch eliminates ridging, skipping and gouging.
- Positive depth control.
- Superflex™ C-type bearing standards.
- Ductile cast spools and bearing holders.
- Heavy 4” x 6” frame.



FIELD TESTED TOUGH!

DIAMOND SHAPE

Super-Flex™ C-Shanks and Ductile Cast Spools

Super-flex™ C-shanks assist in absorbing shocks from rocks and stumps. This important feature extends the life of the bearings, blades and spools.

Toggle mounted, shielded, triple seal ball bearings are relubricable and self-align as the gang flexes.

Spools are made of ductile cast and have superior strength compared to cast iron.



Top Quality Disk Blades with Adjustable Scrapers

The Diamond Disk utilizes 26 inch size blades of the highest quality. Mounted on a 2 inch diameter shaft, the aggressive gang angle of 19° front and 18° rear assures proper penetration. The diamond design permits the use of full size blades. Outside “feathering” disk blades are eliminated since the disk leaves no ridge. It is unnecessary to raise the unit even when turning.

Adjustable mud scrapers are mounted on bearing standards in order to flex with the disk blades.



Five Sets of Wheels for Accurate Depth Control

Each wheel unit is equipped with a depth control cylinder. This feature, along with the triangular wheel arrangement of the center wheels; AND, the individual wheels on each flexible wing, maintains depth over field contours and ravines.

Replaceable split steel bushings are used on all wheel unit pivots.



DIAMOND TOUGH



Floating Hitch

The long floating hitch follows the line of draft and carries only its own weight. Tillage depth is not affected by tractor wheels as with conventional units. Side draft is practically eliminated since disk pulls evenly.



Depth Control and Flexible Wings

Each set of wheels is raised or lowered by its own 3500 psi rated rephasing hydraulic cylinder. Depth is maintained by an hydraulic valve and can easily be readjusted.

Wings can flex 8° up and down following ground contours for even penetration.

The Diamond Disk is a heavy duty tillage unit with over 250 lbs. per blade for primary tillage. The 4" x 6" steel tubing used for the frame provides the weight and strength you need for deep penetration.



Center Single Disk Blade

The center single disk blade cuts and tills the centerline of the disk leaving a uniform soil structure.



Mounted Harrow Option (not available on 47')

With the optional Summers® **Mounted Harrow**, the Diamond Disk becomes a finishing tool for accurate chemical incorporation and seedbed preparation.

The proven Mounted Harrow can be adjusted for deep or shallow penetration and is flexible enough to ride over rocks and deep ditches.



Twin Coulter Assembly

The Summers® **Twin Coulter Assembly** levels the centerline and sizes residue to provide a uniform soil profile.

SPECIFICATIONS

MODEL NUMBER	9K1827	9K2127	9K2427	9K2827	9K3227	9K3827	9K4427	9K4727
CUTTING WIDTH	18-1/2'	21-1/2'	24-1/2'	28'	32-1/2'	38-1/2'	44-1/2'	47'
TRANSPORT WIDTH	18-1/2'	21-1/2'	20-1/2'	20-1/2'	20-1/2'	22'	22'	22'
TRANSPORT HEIGHT	6'	6'	9'	10-9"	13'	15'-10"	18'-10"	14'-7"
TRANSPORT LENGTH	34'	34'	34'	34'	34'	37'	37'	37'
ESTIMATED WEIGHT, lbs	11,590	12,860	17,540	19,260	21,700	25,900	27,700	28,910
APPROX. ENGINE HP	136-181	158-211	180-240	206-274	239-318	283-377	327-436	348-460
BLADE SPACING	10"	10"	10"	10"	10"	10"	10"	10"
WEIGHT PER BLADE, lbs.	276	258	303	292	278	276	252	254
WEIGHT PER FOOT, lbs	627	600	716	688	668	672	622	615
BLADES, WING	Front Rear	Front Rear	Front Rear	Front Rear	Front Rear	Front Rear	Front Rear	Front Rear
BLADES, CENTER	5+6 10	7+6 6+6	8, 8 9, 9	8, 8 9, 9	8, 8 9, 9	8+7 7+6	10+9 9+8	6+7+7 6+6+6
TOTAL BLADES	42	50	58	66	78	94	110	114
BLADE SIZE	1/4" x 26"	1/4" x 26"	1/4" x 26"	1/4" x 26"	1/4" x 26"	1/4" x 26"	1/4" x 26"	1/4" x 26"
GANG SHAFT	2" 1045 COLD ROLLED ROUND							
GANG ANGLE	19° Front	19° Front	19° Front	19° Front	19° Front	19° Front	19° Front	19° Front
	18° Rear	18° Rear	18° Rear	18° Rear	18° Rear	18° Rear	18° Rear	18° Rear
BEARINGS, WING	Front Rear	Front Rear	Front Rear	3 2	2, 2 3	3, 2 2, 2	3, 3 3, 3	2, 2 2, 2, 2
BEARINGS, CENTER	Front Rear	Front Rear	Front Rear	3, 3 3, 3	3, 3 3, 3	3, 3 3, 3	3, 3 3, 3	3, 3 3, 3
TOTAL BEARINGS	14	16	20	22	26	30	36	36
SHIELDED TRIPLE SEAL BRINGS	RELUBRICABLE							
"SUPER-FLEX" C-SHANK	1-1/4" x 2-1/2"	1-1/4" x 2-1/2"	1-1/4" x 2-1/2"	1-1/4" x 2-1/2"	1-1/4" x 2-1/2"	1-1/4" x 2-1/2"	1-1/4" x 2-1/2"	1-1/4" x 2-1/2"
TOTAL DUCTILE FULL SPOOLS	22	26	30	34	42	52	62	58
TOTAL DUCTILE HALF SPOOLS	14	16	20	22	26	30	36	36
CENTER WIDTH	18-1/2'	21-1/2'	14-1/2'	14-1/2'	14-1/2'	16'	16'	16'
WING WIDTH	-	-	5'	6-3/4'	9'	11-1/4'	14-1/4'	10' & 5-1/2'
FRAME CONSTRUCTION	STRUCTURAL TUBE 6" x 4" with 3/8" and 1/2" Wall Thickness							
FLOATING HITCH LENGTH	12'	12'	12'	12'	12'	12'	12'	12'
TIRES ON CENTER	6 - 11L x 15"	6 - 11L x 15"	6 - 11L x 15"	6 - 11L x 15"	6 - 11L x 15"	6** - 12.5 x 15"	6** - 12.5 x 15"	6 - 340/65R18
TIRES ON WINGS	-	-	2 - 11L x 15"	4 - 11L x 15"	4 - 11L x 15"	4** - 12.5 x 15"	4** - 12.5 x 15"	4** - 340/65R18
HEAVY DUTY HUB	5000#	5000#	5000#	5000#	5000#	6100#	6100#	7500#
	6 Bolt*	6 Bolt*	6 Bolt*	6 Bolt*	6 Bolt*	8 Bolt	8 Bolt	8 Bolt
WING FLOAT	-	-	8° Up	8° Up	8° Up	8° Up	8° Up	8° Up
	-	-	8° Down	8° Down	8° Down	8° Down	8° Down	8° Down
DEPTH	1 - 4" x 10"	1 - 4" x 10"	1 - 4" x 10"	1 - 4" x 10"	1 - 4" x 10"	1 - 4" x 10"	1 - 4" x 10"	1 - 4" x 10"
CONTROL	1 - 4.5" x 10"	1 - 4.5" x 10"	1 - 4.5" x 10"	1 - 4.5" x 10"	1 - 4.5" x 10"	1 - 4.5" x 10"	1 - 4.5" x 10"	1 - 4.5" x 10"
CYLINDERS	1 - 5" x 10"	1 - 5" x 10"	1 - 5" x 10"	1 - 5" x 10"	1 - 5" x 10"	1 - 5" x 10"	1 - 5" x 10"	1 - 5" x 10"
	-	-	1 - 5.5" x 10"	1 - 5.5" x 10"	1 - 5.5" x 10"	1 - 5.5" x 10"	1 - 5.5" x 10"	1 - 5.5" x 10"
	-	-	1 - 6" x 10"	1 - 6" x 10"	1 - 6" x 10"	1 - 6" x 10"	1 - 6" x 10"	1 - 6" x 10"
WING LIFT CYLINDERS	-	-	2 - 4" X 36"	2 - 4" X 36"	2 - 5" X 36"	4 - 4" X 36"	4 - 5" X 36"	4 - 4.5" X 16"
HYDRAULIC HOSES	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
HITCH JACK	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
TIE ROD WRENCHES (2)	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
ADJ. RIGID SCRAPERS	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard

* 6100 lb. 8 - Bolt with 12.5L x 15" Tire Optional
 ** 340/65R18 Optional

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 Visit our web site at: www.summersmfg.com



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DEALER

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