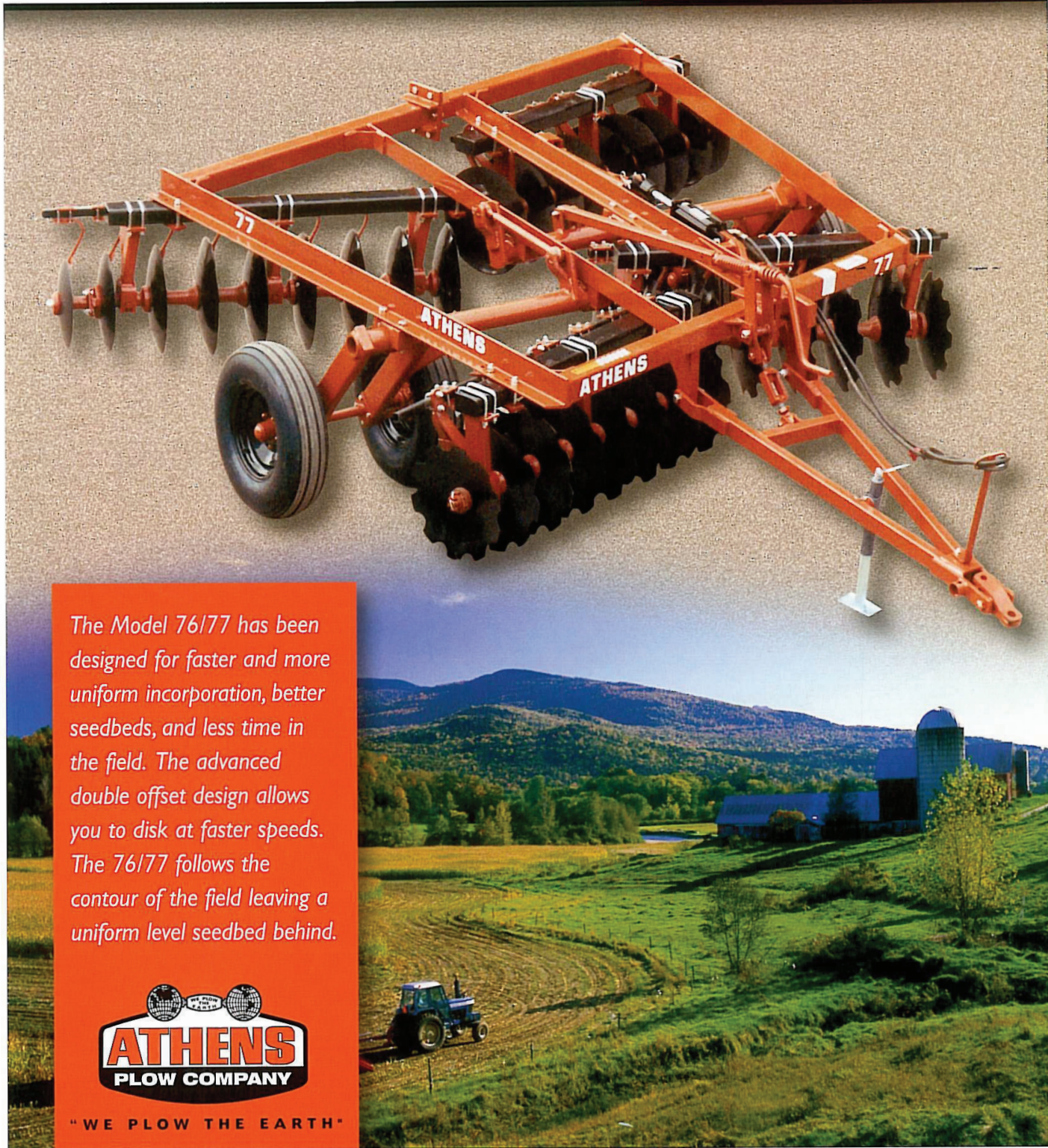


# ATHENS

## MODEL 76/77



*The Model 76/77 has been designed for faster and more uniform incorporation, better seedbeds, and less time in the field. The advanced double offset design allows you to disk at faster speeds. The 76/77 follows the contour of the field leaving a uniform level seedbed behind.*



" WE PLOW THE EARTH "



## MODEL 76 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	APPROX. DBHP	APPROX. WEIGHT (lbs.)
8' 10"	24, 26, 28	8	60 - 70	2,900
10' 3"	28, 30, 32	8	70 - 80	3,200
11' 1"	34, 36	12	75 - 85	3,500
11' 8"	32	12	75 - 90	3,400
13' 1"	36	12	90 - 100	3,700
13' 5"	40, 44	12	90 - 110	3,800
14' 6"	40	12	95 - 115	3,900
15' 1"	44, 48	12	100 - 120	4,200

## MODEL 77 SPECIFICATIONS

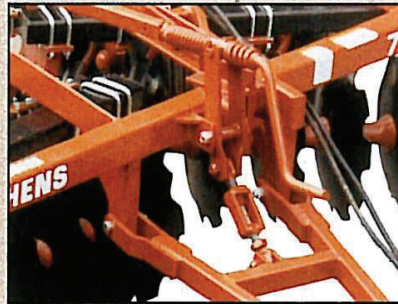
WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	APPROX. DBHP	APPROX. WEIGHT (lbs.)
11' 1"	34, 36	12	75 - 90	3,850
11' 8"	32	12	75 - 95	3,825
13' 1"	36	12	90 - 100	4,125
13' 6"	40, 44	12	95 - 110	4,390
14' 5"	40	12	100 - 120	4,350
15' 1"	44, 48	12	105 - 120	4,325
15' 9"	44	12	110 - 120	4,528

\*Approximate Draw Bar Horse Power is only a guide. Extremely hard, soft, hilly or boggy conditions will change these figures. D.B.H.P. in excess of the recommended will void all warranty provisions.

### STANDARD EQUIPMENT

- 1 1/4" Cold Rolled Square Gang Axles
- Quadraseal Ball Bearings
- Disk Blades, 22" or 24" Cutout or Smooth
- Spacing 7 1/2", 9" or 9" Front and 7 1/2" Rear
- Tapered Front and Rear Gangs
- Self Leveling Frame
- Reversible Tongue Clevis
- Adjustable Angle of Cut: 15° or 18°
- Split Wheel Carriages
- Wheel Hubs and Rims
- Dual Wheels on all 77's and on 76's from 14'6" to 15'1"
- Lifting Hydraulics
- Heavy Duty Tube Mounted Scrapers
- Cover Discs with Scrapers
- Gang Wrench and Tongue Jack

DISC GANGS start with an axle made from 1 1/4" cold rolled square steel. The spacers are arbor machined to keep the gang components in perfect alignment. Tapered gangs front and rear reduce furrows and ridges leaving a smooth seedbed even at faster speeds. Spacing is available in 7 1/2", 9", or a combination of 9" front and 7 1/2" rear.



TWO STAGE LEVELING keeps the frame level in the field and in transport. After hitching the clevis to the tractor, the turnbuckle adjusts the tongue position to level the disk frame in transport. In the field, a leveling screw that connects the tongue to the wheel carriages is adjusted for field conditions and discing speed desired. After initial adjustment, the frame remains level while being lifted and lowered. A TURNBUCKLE connects the wheel carriages for precise side-to-side leveling.

### OPTIONAL EQUIPMENT

- Rigid or Spring Bearing Hangers

### EXTRA EQUIPMENT

- Dual Wheels – on 76's, 8'10" to 13'5"

### FEATURES

The MAINFRAMES of the 76/77 combine structural steel tubing and high strength angle welded and reinforced for maximum strength. Structural angle is used for the side members allowing the frame to flex so it can follow the contour of the field ... This feature reduces the stress on the frame and lengthens the life of the components.

The TONGUE is designed like a narrow "A" frame permitting shorter turns in the field. It is fitted with a balanced reversible clevis to accommodate a variety of drawbars.

GANG FRAMES are constructed from 3" x 5" heavy wall structural steel tubing.

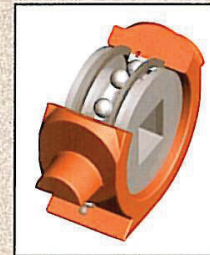


### DISC BLADES

Available in 22 and 24 inch sizes. Athens Plow offers tailored solutions to meet your discing needs.

**Smooth blades** are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

**Cutout blades** are more aggressive and trap residue better than smooth blades.



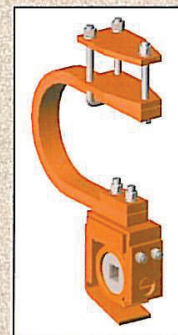
### Quadraseal Ball Bearings

Strong relube QUADRASEAL ball bearings on the Model 76/77 mean long life and less downtime.



### The Rigid Bearing Hanger

features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.

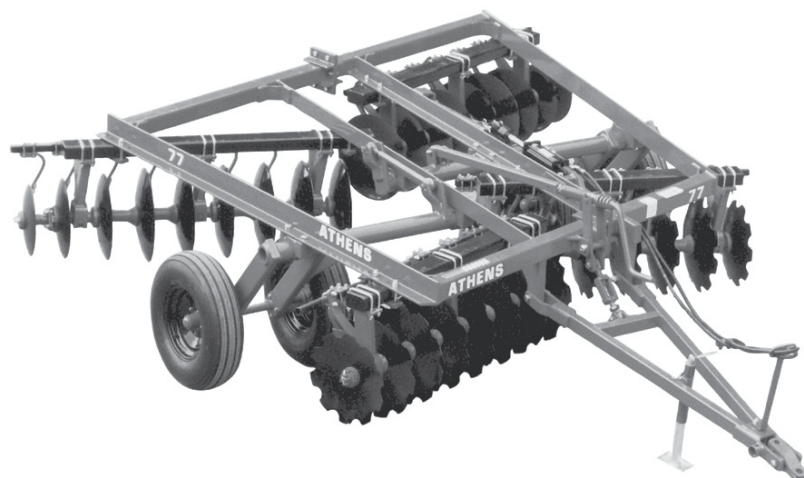


### The Spring Bearing Hanger

provides maximum strength without sacrificing flexibility. It also features a **Wear Plate** which protects the front and bottom of the Bearing Housing.



## ATHENS 76R RIGID DOUBLE OFFSET HARROW



### SPECIFICATIONS:

Width – 8'10" to 15'1"  
 22"/24" Disks Cutout or Smooth  
 Spacing 9", 7-1/2", or 9"F/7-1/2"R  
 Trunnion Mounted Housing with  
 Relube Quadraseal Ball Bearings  
 Spring or Rigid Bearing Hangers  
 1.25 Sq. Cold Rolled Gang Axles

### STANDARD EQUIPMENT:

Self Leveling Frame  
 "A" Frame Tongue w/Jack  
 Heavy-Duty, Tubular Mtd Scrapers  
 Cover Disk w/Scrapers  
 Split Wheel Carriages  
 Lifting Hydraulics w/ Mech. Trnsprt  
 Adjustable Angle of Cut  
 15 x 6 – 5 Lug Wheels w/ Hubs  
 Tapered Front & Rear Gangs

<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u> FRNT REAR	<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u> FRNT REAR	<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
<u>8' 10" WIDE W/ RIGID BEARING HANGERS</u>								
76R-2427-637	22"	C.O. C.O.	.197	24	9" 9"	8	2694	
76R-2427-667	24"	C.O. C.O.	.197	24	9" 9"	8	2840	
76R-2427-737	22"	SM. SM.	.197	24	9" 9"	8	2714	
76R-2427-767	24"	SM. SM.	.197	24	9" 9"	8	2870	
76R-2427-837	22"	C.O. SM.	.197	24	9" 9"	8	2704	
76R-2427-867	24"	C.O. SM.	.197	24	9" 9"	8	2853	
76R-2637-637	22"	C.O. C.O.	.197	26	9" 7-1/2"	8	2752	
76R-2637-737	22"	SM. SM.	.197	26	9" 7-1/2"	8	2783	
76R-2637-837	22"	C.O. SM.	.197	26	9" 7-1/2"	8	2767	
76R-2817-637	22"	C.O. C.O.	.197	28	7-1/2" 7-1/2"	8	2809	
76R-2817-737	22"	SM. SM.	.197	28	7-1/2" 7-1/2"	8	2843	
76R-2817-837	22"	C.O. SM.	.197	28	7-1/2" 7-1/2"	8	2825	
<u>W/ SPRING BEARING HANGERS</u>								
76R-2426-657	22"	C.O. C.O.	.197	24	9" 9"	8	2902	
76R-2426-757	22"	SM. SM.	.197	24	9" 9"	8	3048	
76R-2426-857	22"	C.O. SM.	.197	24	9" 9"	8	2922	
76R-2636-657	22"	C.O. C.O.	.197	26	9" 7-1/2"	8	2968	
76R-2636-757	22"	SM. SM.	.197	26	9" 7-1/2"	8	2999	
76R-2636-857	22"	C.O. SM.	.197	26	9" 7-1/2"	8	2983	



<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>		<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		<u>FRNT</u>	<u>REAR</u>			<u>FRNT</u>	<u>REAR</u>			
<u>10' 3" WIDE W/ RIGID BEARING HANGERS</u>										
76R-2827-637	22"	C.O.	C.O.	.197	28	9"	9"	8	2885	
76R-2827-667	24"	C.O.	C.O.	.197	28	9"	9"	8	3056	
76R-2827-737	22"	SM.	SM.	.197	28	9"	9"	8	2911	
76R-2827-767	24"	SM.	SM.	.197	28	9"	9"	8	3092	
76R-2827-837	22"	C.O.	SM.	.197	28	9"	9"	8	2898	
76R-2827-867	24"	C.O.	SM.	.197	28	9"	9"	8	3073	
76R-3037-637	22"	C.O.	C.O.	.197	30	9"	7-1/2"	8	2943	
76R-3037-737	22"	SM.	SM.	.197	30	9"	7-1/2"	8	2979	
76R-3037-837	22"	C.O.	SM.	.197	30	9"	7-1/2"	8	2961	
76R-3217-637	22"	C.O.	C.O.	.197	32	7-1/2"	7-1/2"	8	3012	
76R-3217-737	22"	SM.	SM.	.197	32	7-1/2"	7-1/2"	8	3051	
76R-3217-837	22"	C.O.	SM.	.197	32	7-1/2"	7-1/2"	8	3031	
<u>W/ SPRING BEARING HANGERS</u>										
76R-2826-657	22"	C.O.	C.O.	.197	28	9"	9"	8	3105	
76R-2826-757	22"	SM.	SM.	.197	28	9"	9"	8	3131	
76R-2826-857	22"	C.O.	SM.	.197	28	9"	9"	8	3118	
76R-3036-657	22"	C.O.	C.O.	.197	30	9"	7-1/2"	8	3175	
76R-3036-757	22"	SM.	SM.	.197	30	9"	7-1/2"	8	3211	
76R-3036-857	22"	C.O.	SM.	.197	30	9"	7-1/2"	8	3352	
76R-3216-657	22"	C.O.	C.O.	.197	32	7-1/2"	7-1/2"	8	3252	
76R-3216-757	22"	SM.	SM.	.197	32	7-1/2"	7-1/2"	8	3291	
76R-3216-857	22"	C.O.	SM.	.197	32	7-1/2"	7-1/2"	8	3352	
<u>11' 1" WIDE W/ RIGID BEARING HANGERS</u>										
76R-3437-637	22"	C.O.	C.O.	.197	34	9"	7-1/2"	12	3205	
76R-3437-737	22"	SM.	SM.	.197	34	9"	7-1/2"	12	3247	
76R-3437-837	22"	C.O.	SM.	.197	34	9"	7-1/2"	12	3227	
76R-3617-637	22"	C.O.	C.O.	.197	36	7-1/2"	7-1/2"	12	3251	
76R-3617-737	22"	SM.	SM.	.197	36	7-1/2"	7-1/2"	12	3295	
76R-3617-837	22"	C.O.	SM.	.197	36	7-1/2"	7-1/2"	12	3273	
<u>W/ SPRING BEARING HANGERS</u>										
76R-3436-657	22"	C.O.	C.O.	.197	34	9"	7-1/2"	12	3521	
76R-3436-757	22"	SM.	SM.	.197	34	9"	7-1/2"	12	3563	
76R-3436-857	22"	C.O.	SM.	.197	34	9"	7-1/2"	12	3543	
76R-3616-657	22"	C.O.	C.O.	.197	36	7-1/2"	7-1/2"	12	3575	
76R-3616-757	22"	SM.	SM.	.197	36	7-1/2"	7-1/2"	12	3619	
76R-3616-857	22"	C.O.	SM.	.197	36	7-1/2"	7-1/2"	12	3597	



<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>		<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		<u>FRNT</u>	<u>REAR</u>			<u>FRNT</u>	<u>EAR</u>			

11' 8" WIDE W/ RIGID BEARING HANGERS

76R-3227-637	22"	C.O.	C.O.	.197	32	9"	9"	12	3191
76R-3227-667	24"	C.O.	C.O.	.197	32	9"	9"	12	3388
76R-3227-737	22"	SM.	SM.	.197	32	9"	9"	12	3231
76R-3227-767	24"	SM.	SM.	.197	32	9"	9"	12	3430
76R-3227-837	22"	C.O.	SM.	.197	32	9"	9"	12	3210
76R-3227-867	24"	C.O.	SM.	.197	32	9"	9"	12	3409

W/ SPRING BEARING HANGERS

76R-3226-657	22"	C.O.	C.O.	.197	32	9"	9"	12	3499
76R-3226-757	22"	SM.	SM.	.197	32	9"	9"	12	3528
76R-3226-857	22"	C.O.	SM.	.197	32	9"	9"	12	3513

13' 1" WIDE W/ RIGID BEARING HANGERS

76R-3627-637	22"	C.O.	C.O.	.197	36	9"	9"	12	3387
76R-3627-667	24"	C.O.	C.O.	.197	36	9"	9"	12	3611
76R-3627-737	22"	SM.	SM.	.197	36	9"	9"	12	3420
76R-3627-767	24"	SM.	SM.	.197	36	9"	9"	12	3659
76R-3627-837	22"	C.O.	SM.	.197	36	9"	9"	12	3388
76R-3627-867	24"	C.O.	SM.	.197	36	9"	9"	12	3634

W/ SPRING BEARING HANGERS

76R-3626-657	22"	C.O.	C.O.	.197	36	9"	9"	12	3707
76R-3626-757	22"	SM.	SM.	.197	36	9"	9"	12	3740
76R-3626-857	22"	C.O.	SM.	.197	36	9"	9"	12	3708

13' 5" WIDE W/ RIGID BEARING HANGERS

76R-4037-637	22"	C.O.	C.O.	.197	40	9"	7-1/2"	12	3531
76R-4037-737	22"	SM.	SM.	.197	40	9"	7-1/2"	12	3569
76R-4037-837	22"	C.O.	SM.	.197	40	9"	7-1/2"	12	3546
76R-4417-637	22"	C.O.	C.O.	.197	44	7-1/2"	7-1/2"	12	3739
76R-4417-737	22"	SM.	SM.	.197	44	7-1/2"	7-1/2"	12	3792
76R-4417-837	22"	C.O.	SM.	.197	44	7-1/2"	7-1/2"	12	3765

W/ SPRING BEARING HANGERS

76R-4036-657	22"	C.O.	C.O.	.197	40	9"	7-1/2"	12	3871
76R-4036-757	22"	SM.	SM.	.197	40	9"	7-1/2"	12	3909
76R-4036-857	22"	C.O.	SM.	.197	40	9"	7-1/2"	12	3886
76R-4416-657	22"	C.O.	C.O.	.197	44	7-1/2"	7-1/2"	12	4009
76R-4416-757	22"	SM.	SM.	.197	44	7-1/2"	7-1/2"	12	4062
76R-4416-857	22"	C.O.	SM.	.197	44	7-1/2"	7-1/2"	12	4035



<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>		<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		FRNT	REAR			FRNT	REAR			

14' 6" WIDE      W/ RIGID BEARING HANGERS

76R-4027-637	22"	C.O.	C.O.	.197	40	9"	9"	12	3657	
76R-4027-667	24"	C.O.	C.O.	.197	40	9"	9"	12	3910	
76R-4027-737	22"	SM.	SM.	.197	40	9"	9"	12	3694	
76R-4027-767	24"	SM.	SM.	.197	40	9"	9"	12	3962	
76R-4027-837	22"	C.O.	SM.	.197	40	9"	9"	12	3676	
76R-4027-867	24"	C.O.	SM.	.197	40	9"	9"	12	3935	

W/ SPRING BEARING HANGERS

76R-4026-657	22"	C.O.	C.O.	.197	40	9"	9"	12	3993	
76R-4026-757	22"	SM.	SM.	.197	40	9"	9"	12	4030	
76R-4026-857	22"	C.O.	SM.	.197	40	9"	9"	12	4012	

15' 1" WIDE      W/ RIGID BEARING HANGERS

76R-4437-637	22"	C.O.	C.O.	.197	44	9"	7-1/2"	12	3788	
76R-4437-737	22"	SM.	SM.	.197	44	9"	7-1/2"	12	3841	
76R-4437-837	22"	C.O.	SM.	.197	44	9"	7-1/2"	12	3816	
76R-4817-637	22"	C.O.	C.O.	.197	48	7-1/2"	7-1/2"	12	3908	
76R-4817-737	22"	SM.	SM.	.197	48	7-1/2"	7-1/2"	12	3966	
76R-4817-837	22"	C.O.	SM.	.197	48	7-1/2"	7-1/2"	12	3937	

W/ SPRING BEARING HANGERS

76R-4436-657	22"	C.O.	C.O.	.197	44	9"	7-1/2"	16	4144	
76R-4436-757	22"	SM.	SM.	.197	44	9"	7-1/2"	16	4197	
76R-4436-857	22"	C.O.	SM.	.197	44	9"	7-1/2"	16	4172	
76R-4816-657	22"	C.O.	C.O.	.197	48	7-1/2"	7-1/2"	12	4280	
76R-4816-757	22"	SM.	SM.	.197	48	7-1/2"	7-1/2"	12	4338	
76R-4816-857	22"	C.O.	SM.	.197	48	7-1/2"	7-1/2"	12	4309	

EXTRA EQUIPMENT

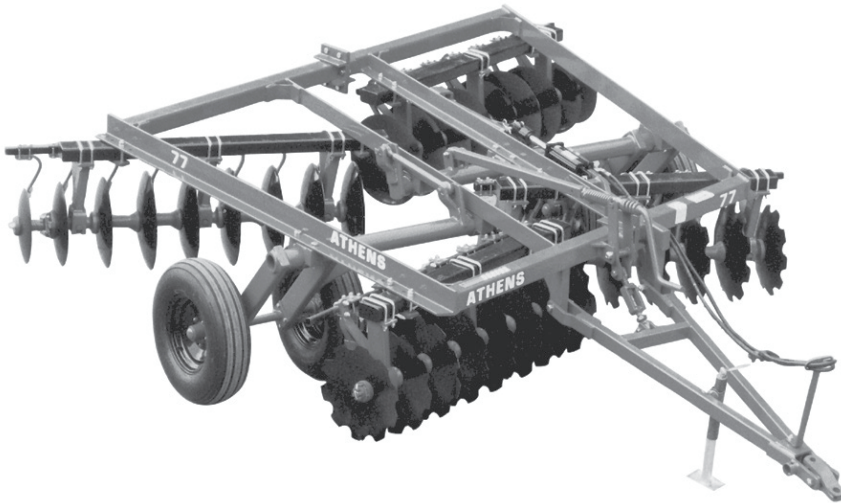
		<u>APX WT</u>
9-076-605156	DUAL WHEELS FOR 8' 10" TO 13' 5" UNITS (DUAL WHEELS ARE STANDARD ON 14' 6" & 15' 1" UNITS)	90
106165	AG LIGHT KIT	17

RECOMMENDED TIRE SIZE: 9.5L x 15  
 CAUTION: TIRES ARE RATED AT 20 MPH MAXIMUM.  
 \*PRICE DOES NOT INCLUDE TIRES.





## ATHENS 77R RIGID DOUBLE OFFSET DISK HARROW



### SPECIFICATIONS:

Width – 11’8” to 15’9”  
 22”/24” Disks, Cut or Smooth  
 Spacing – 9”, 7-1/2”, 9”Frnt/7-1/2”R  
 Trunnion Mounted Housing with  
 QUADRASEAL Ball Bearings  
 Spring or Rigid Bearing Hangers  
 1.25 Sq. Cold Rolled Gang Axles

### STANDARD EQUIPMENT:

Self Leveling Frame  
 “A” Frame Tongue w/ Jack  
 Heavy-duty Tubular Mounted Scrprs  
 Cover Disk w/Scrapers  
 Split Wheel Carriages  
 Lifting Hyd. W/Mechanical Transport  
 Adjustable Angle of Cut  
 15 x 6 – Dual Wheels w/ Hubs  
 Tapered Front & Rear Gangs

<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>		<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		<u>FRNT</u>	<u>REAR</u>			<u>FRNT</u>	<u>REAR</u>			
<u>11' 1" WIDE W/ RIGID BEARING HANGERS</u>										
77R-3437-631	22"	C.O.	C.O.	.197	34	9"	7-1/2"	12	3700	
77R-3437-731	22"	SM	SM.	.197	34	9"	7-1/2"	12	3742	
77R-3437-831	22"	C.O.	SM.	.197	34	9"	7-1/2"	12	3721	
77R-3617-631	22"	C.O.	C.O.	.197	36	7-1/2"	7-1/2"	12	3746	
77R-3617-731	22"	SM	SM.	.197	36	7-1/2"	7-1/2"	12	3789	
77R-3617-831	22"	C.O.	SM.	.197	36	7-1/2"	7-1/2"	12	3767	
<u>W/ SPRING BEARING HANGERS</u>										
77R-3436-651	22"	C.O.	C.O.	.197	34	9"	7-1/2"	12	4016	
77R-3436-751	22"	SM	SM.	.197	34	9"	7-1/2"	12	4058	
77R-3436-851	22"	C.O.	SM.	.197	34	9"	7-1/2"	12	4037	
77R-3616-651	22"	C.O.	C.O.	.197	36	7-1/2"	7-1/2"	12	4070	
77R-3616-751	22"	SM	SM.	.197	36	7-1/2"	7-1/2"	12	4113	
77R-3616-851	22"	C.O.	SM.	.197	36	7-1/2"	7-1/2"	12	4091	
<u>11' 8" WIDE W/ RIGID BEARING HANGERS</u>										
77R-3227-631	22"	C.O.	C.O.	.197	32	9"	9"	12	3701	
77R-3227-661	24"	C.O.	C.O.	.197	32	9"	9"	12	3868	
77R-3227-731	22"	SM.	SM.	.197	32	9"	9"	12	3740	



<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>		<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		<u>FRNT</u>	<u>REAR</u>			<u>FRNT</u>	<u>REAR</u>			
<u>11' 8" WIDE</u>										
<u>W/ RIGID BEARING HANGERS (CONT'D)</u>										
77R-3227-761	24"	SM.	SM.	.197	32	9"	9"	12	3907	
77R-3227-831	22"	C.O.	SM.	.197	32	9"	9"	12	3720	
77R-3227-861	24"	C.O.	SM.	.197	32	9"	9"	12	3886	
<u>W/ SPRING BEARING HANGERS</u>										
77R-3226-651	22"	C.O.	C.O.	.197	32	9"	9"	12	4009	
77R-3226-751	22"	SM.	SM.	.197	32	9"	9"	12	4048	
77R-3226-851	22"	C.O.	SM.	.197	32	9"	9"	12	4028	
<u>13' 1" WIDE</u>										
<u>W/ RIGID BEARING HANGERS</u>										
77R-3627-631	22"	C.O.	C.O.	.197	36	9"	9"	12	3913	
77R-3627-661	24"	C.O.	C.O.	.197	36	9"	9"	12	4093	
77R-3627-731	22"	SM.	SM.	.197	36	9"	9"	12	3950	
77R-3627-761	24"	SM.	SM.	.197	36	9"	9"	12	4146	
77R-3627-831	22"	C.O.	SM.	.197	36	9"	9"	12	3934	
77R-3627-861	24"	C.O.	SM.	.197	36	9"	9"	12	4123	
<u>W/ SPRING BEARING HANGERS</u>										
77R-3626-651	22"	C.O.	C.O.	.197	36	9"	9"	12	4219	
77R-3626-751	22"	SM.	SM.	.197	36	9"	9"	12	4260	
77R-3626-851	22"	C.O.	SM.	.197	36	9"	9"	12	4240	
<u>13' 6" WIDE</u>										
<u>W/ RIGID BEARING HANGERS</u>										
77R-4037-631	22"	C.O.	C.O.	.197	40	9"	7-1/2"	12	4011	
77R-4037-731	22"	SM.	SM.	.197	40	9"	7-1/2"	12	4059	
77R-4037-831	22"	C.O.	SM.	.197	40	9"	7-1/2"	12	4037	
77R-4417-631	22"	C.O.	C.O.	.197	44	7-1/2"	7-1/2"	12	4147	
77R-4417-731	22"	SM.	SM.	.197	44	7-1/2"	7-1/2"	12	4200	
77R-4417-831	22"	C.O.	SM.	.197	44	7-1/2"	7-1/2"	12	4174	
<u>W/ SPRING BEARING HANGERS</u>										
77R-4036-651	22"	C.O.	C.O.	.197	40	9"	7-1/2"	12	4351	
77R-4036-751	22"	SM.	SM.	.197	40	9"	7-1/2"	12	4399	
77R-4036-851	22"	C.O.	SM.	.197	40	9"	7-1/2"	12	4379	
77R-4416-651	22"	C.O.	C.O.	.197	44	7-1/2"	7-1/2"	12	4503	
77R-4416-751	22"	SM.	SM.	.197	44	7-1/2"	7-1/2"	12	4556	
77R-4416-851	22"	C.O.	SM.	.197	44	7-1/2"	7-1/2"	12	4530	
<u>14' 6" WIDE</u>										
<u>W/ RIGID BEARING HANGERS</u>										
77R-4027-631	22"	C.O.	C.O.	.197	40	9"	9"	12	4080	
77R-4027-661	24"	C.O.	C.O.	.197	40	9"	9"	12	4290	
77R-4027-731	22"	SM.	SM.	.197	40	9"	9"	12	4129	







<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>		<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		FRNT	REAR			FRNT	REAR			

14' 6" WIDE      W/ RIGID BEARING HANGERS (CONT'D)

77R-4027-761	24"	SM.	SM.	.197	40	9"	9"	12	4342	
77R-4027-831	22"	C.O.	SM.	.197	40	9"	9"	12	4108	
77R-4027-861	24"	C.O.	SM.	.197	40	9"	9"	12	4316	

W/ SPRING BEARING HANGER

77R-4026-651	22"	C.O.	C.O.	.197	40	9"	9"	12	4420	
77R-4026-751	22"	SM.	SM.	.197	40	9"	9"	12	4469	
77R-4026-851	22"	C.O.	SM.	.197	40	9"	9"	12	4448	

15' 1" WIDE      W/ RIGID BEARING HANGERS

77R-4437-631	22"	C.O.	C.O.	.197	44	9"	7-1/2"	12	4217	
77R-4437-731	22"	SM.	SM.	.197	44	9"	7-1/2"	12	4240	
77R-4437-831	22"	C.O.	SM.	.197	44	9"	7-1/2"	12	4216	
77R-4817-631	22"	C.O.	C.O.	.197	48	7-1/2"	7-1/2"	12	4327	
77R-4817-731	22"	SM.	SM.	.197	48	7-1/2"	7-1/2"	12	4485	
77R-4817-831	22"	C.O.	SM.	.197	48	7-1/2"	7-1/2"	12	4356	

W/ SPRING BEARING HANGERS

77R-4436-651	22"	C.O.	C.O.	.197	44	9"	7-1/2"	12	4573	
77R-4436-751	22"	SM.	SM.	.197	44	9"	7-1/2"	12	4596	
77R-4436-851	22"	C.O.	SM.	.197	44	9"	7-1/2"	12	4572	
77R-4816-651	22"	C.O.	C.O.	.197	48	7-1/2"	7-1/2"	12	4699	
77R-4816-751	22"	SM.	SM.	.197	48	7-1/2"	7-1/2"	12	4857	
77R-4816-851	22"	C.O.	SM.	.197	48	7-1/2"	7-1/2"	12	4728	

15' 9" WIDE      W/ RIGID BEARING HANGERS

77R-4427-631	22"	C.O.	C.O.	.197	44	9"	9"	12	4247	
77R-4427-661	24"	C.O.	C.O.	.197	44	9"	9"	12	4487	
77R-4427-731	22"	SM.	SM.	.197	44	9"	9"	12	4308	
77R-4427-761	24"	SM.	SM.	.197	44	9"	9"	12	4538	
77R-4427-831	22"	C.O.	SM.	.197	44	9"	9"	12	4282	
77R-4427-861	24"	C.O.	SM.	.197	44	9"	9"	12	4509	

EXTRA EQUIPMENT

106165	AG LIGHT KIT								APX WT	17#
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RECOMMENDED TIRE SIZE: 9.5L x 15 (4 REQUIRED)  
 CAUTION: TIRES ARE RATED AT 20 MPH MAXIMUM.  
 \*PRICE DOES NOT INCLUDE TIRES.



# ATHENS

**MODELS  
116 / 119**



"WE PLOW THE EARTH"

 **GENERAL  
IMPLEMENT**  
DISTRIBUTORS

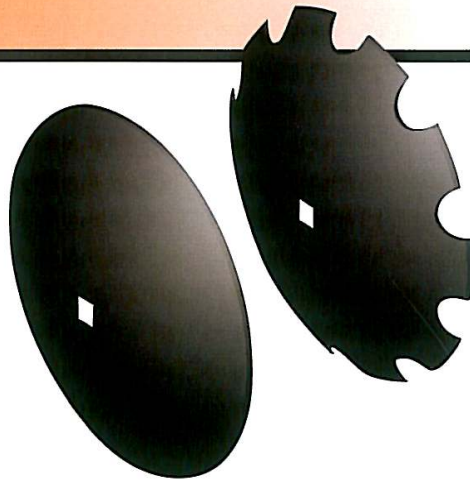
# ATHENS PLOW COMPANY



**ATHENS MODEL 116**



**ATHENS MODEL 119**

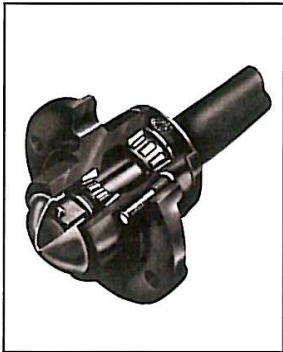


## DISC BLADES

Available in 22 and 24 inch sizes. Athens Plow offers tailored solutions to meet your disking needs.

**Smooth blades** are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

**Cutout blades** are more aggressive and trap residue better than smooth blades.



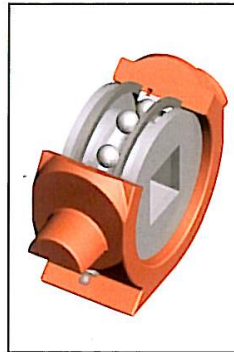
### The Quadraseal Wheel Hubs

are an exclusive ATHENS PLOW design for increased Bearing life and reduction of downtime. Our Quadraseal Wheel Hubs offer maximum protection from dirt and trash by combining a triple lip seal with a press fitted external trash flinger. The Quadraseal Bearings give added bearing life.



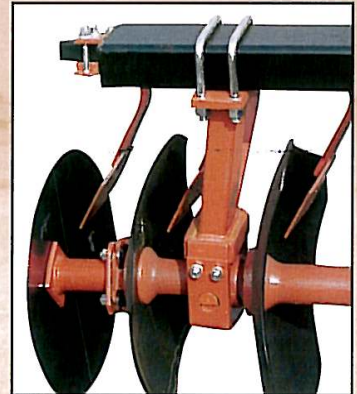
### The Quadraseal Double Tapered Roller Bearings

provide the most capacity in the industry. With this added capacity, the probability of overloading is virtually eliminated. The double tapered roller bearing has a triple-lip seal that runs on a hardened, polished surface and is protected by a heavy steel washer to avoid damage from wire and trash. Between the washer and the seal is a cavity filled with grease – an additional sealing element against dirt.



### Quadraseal Ball Bearings

Strong relube Quadraseal ball bearings on the 116 cutout or smooth disc blades mean long life and less downtime.

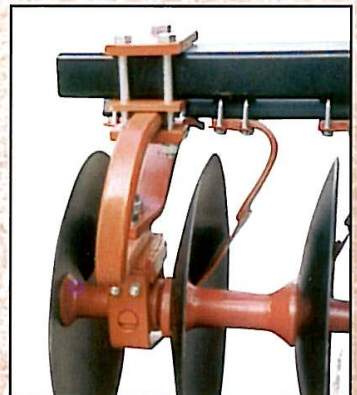


**The Rigid Bearing Hanger** on the 116 features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.



### Narrow Transport

The Wings on the Athens 116/119 hinge from the Main Frame, resulting in narrower transport width and better flotation. The folding width is 11' 6" (on 16' 8" – 23' 4" models) and 13' (on the 26' and 29' models).



**The Spring Bearing Hanger** on the 119 provides maximum strength without sacrificing flexibility. It also features a **Wear Plate** which protects the front and bottom of the Bearing Housing.

## STANDARD EQUIPMENT

### Model 116: Cutout & Smooth

- Quadraseal Ball Bearings
- Rigid Bearing Hangers with Wear Guards
- Disc Blades, 22" or 24" Smooth or Cutout
- 1 1/4" Cold Rolled Square Gang Axle
- Spacing, 7 1/2", 9", or 9" Front and 7 1/2" Rear
- Single Tapered Disc on Front
- Double Tapered Discs on Rear
- Adjustable Cutting Angle, 15° or 19°
- Cover Discs with Scrapers
- Six Lug Wheel Hubs and Rims
- Self Leveling Frame
- Lifting and Folding Hydraulics
- Reversible Tongue Clevis
- Gang Wrench and Tongue Jack

### Model 119: Cutout & Smooth

- Double Tapered Roller Bearings
- Spring Bearing Hangers with Wear Plates
- Disc Blades, 22" Smooth or Cutout
- 1 1/4" Cold Rolled Square Gang Axle
- Spacing, 9"
- Single Tapered Disc on Front
- Double Tapered Discs on Rear
- Adjustable Cutting Angle, 15° or 19°
- Cover Discs with Scrapers
- Six Lug Wheel Hubs and Rims
- Self Leveling Frame
- Lifting and Folding Hydraulics
- Reversible Tongue Clevis
- Gang Wrench and Tongue Jack

Athens Plow Co., Inc. guarantees each piece of equipment against defective materials and workmanship for a period of one year from the date of delivery to the purchaser unless otherwise specified. Athens Plow Co., Inc. reserves the right to make changes and/or improvements in design and construction of parts or machines without notice or obligation.

## MODELS 116/119: Cutout and Smooth Blades

### NARROW MAIN FRAME

WIDTH OF CUT	NUMBER OF DISCS	APPROX. WEIGHT (lbs.)	TRANSPORT WIDTH	TRANSPORT HEIGHT	NUMBER OF BEARINGS	**APPROX. DBHP
16' 8"	44, 48, 52	7,390	11' 4"	8' 8"	16	120
19' 6"	52, 56, 60	7,790	11' 4"	10' 3"	16	140-150
22'	56, 62, 68	8,047	11' 4"	11' 6"	16	150-160
23' 4"	60, 66, 72	8,711	11' 4"	12' 6"	20	165

### WIDE MAIN FRAME

26'	70*	9,806	13'	12' 6"	24	225
28' 8"	78*	10,278	13'	14'	24	265

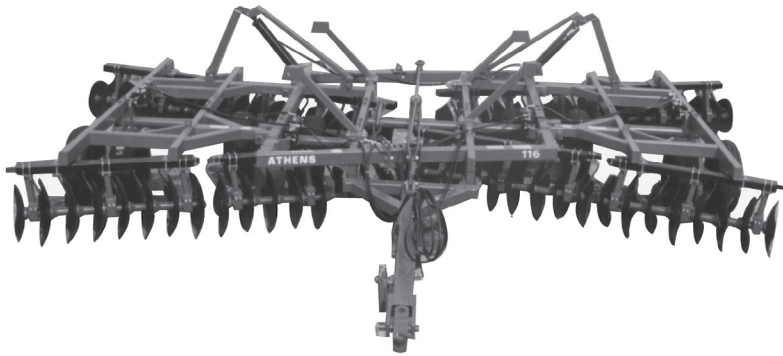
\* Includes Cover Discs

\*\* Approximate DBHP is only given as a guide. Extremely hard, soft, hilly or boggy conditions will change these figures.





**ATHENS 116 FLEX WING  
DOUBLE OFFSET DISK HARROW**



**SPECIFICATIONS:**

16'8" to 28'8" Widths  
Flex Wing, Double Offset  
Truss-Braced, Tubular Frames  
Self – Leveling Frame  
Two Pairs Slave Lftg Cylinders  
Six or Eight Lifting Wheels  
Angle Adjustable ( 15 – 19)  
Transport Height Maximum 168"  
Transport Width Maximum 136"  
22" or 24" Disks, 1.25" Sq. Axle  
Disk Spacing – 9", 7-1/2" or  
9" Frt, 7-1/2" R

**STANDARD EQUIPMENT:**

Trunnion Mounted, Rigid Bearing  
Hangers w/QUADRASEAL Ball  
Bearings  
Lifting and Folding Hydraulics  
"A" Frame Tongue w/ Jack  
Reversible Tongue Clevis  
Cover Disks with Disks & Scrapers  
Heavy Duty Disk Scrapers  
Double Tapered Disks on Rear  
Single Tapered Disks on Front  
Dual Wheels on Center Section

<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>		<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		<u>FRNT</u>	<u>REAR</u>			<u>FRNT</u>	<u>REAR</u>			
<u>16' 8" WIDE</u>										
116-4427-651	22"	C.O.	C.O.	.197	44	9"	9"	16	7233	
116-4427-661	24"	C.O.	C.O.	.197	44	9"	9"	16	7319	
116-4427-751	22"	SM.	SM.	.197	44	9"	9"	16	7277	
116-4427-761	24"	SM.	SM.	.197	44	9"	9"	16	7374	
116-4427-851	22"	C.O.	SM.	.197	44	9"	9"	16	7255	
116-4427-861	24"	C.O.	SM.	.197	44	9"	9"	16	7347	
116-4837-651	22"	C.O.	C.O.	.197	48	9"	7-1/2"	16	7350	
116-4837-751	22"	SM.	SM.	.197	48	9"	7-1/2"	16	7398	
116-4837-851	22"	C.O.	SM.	.197	48	9"	7-1/2"	16	7376	
116-5217-651	22"	C.O.	C.O.	.197	52	7-1/2"	7-1/2"	16	7496	
116-5217-751	22"	SM.	SM.	.197	52	7-1/2"	7-1/2"	16	7548	
116-5217-851	22"	C.O.	SM.	.197	52	7-1/2"	7-1/2"	16	7522	

MODEL NUMBER	DISC DIAM	TYPE OF DISC		DISC THCK	# OF DISC	DISC SPACING		# OF BRGS	APX WT	CALL FOR PRICE
		FRNT	REAR			FRNT	EAR			
<u>19' 6" WIDE</u>										
116-5227-651	22"	C.O.	C.O.	.197	52	9"	9"	16	7635	
116-5227-661	24"	C.O.	C.O.	.197	52	9"	9"	16	7735	
116-5227-751	22"	SM.	SM.	.197	52	9"	9"	16	7687	
116-5227-761	24"	SM.	SM.	.197	52	9"	9"	16	7800	
116-5227-851	22"	C.O.	SM.	.197	52	9"	9"	16	7661	
116-5227-861	24"	C.O.	SM.	.197	52	9"	9"	16	7768	
116-5637-651	22"	C.O.	C.O.	.197	56	9"	7-1/2"	16	7734	
116-5637-751	22"	SM.	SM.	.197	56	9"	7-1/2"	16	7790	
116-5637-851	22"	C.O.	SM.	.197	56	9"	7-1/2"	16	7764	
116-6017-651	22"	C.O.	C.O.	.197	60	7-1/2"	7-1/2"	16	7885	
116-6017-751	22"	SM.	SM.	.197	60	7-1/2"	7-1/2"	16	7945	
116-6017-851	22"	C.O.	SM.	.197	60	7-1/2"	7-1/2"	16	7915	
<u>22' 0" WIDE</u>										
116-5627-651	22"	C.O.	C.O.	.197	56	9"	9"	16	7756	
116-5627-661	24"	C.O.	C.O.	.197	56	9"	9"	16	8002	
116-5627-751	22"	SM.	SM.	.197	56	9"	9"	16	7872	
116-5627-761	24"	SM.	SM.	.197	56	9"	9"	16	8059	
116-5627-851	22"	C.O.	SM.	.197	56	9"	9"	16	7830	
116-5627-861	24"	C.O.	SM.	.197	56	9"	9"	16	8031	
116-6237-651	22"	C.O.	C.O.	.197	62	9"	7-1/2"	16	7890	
116-6237-751	22"	SM.	SM.	.197	62	9"	7-1/2"	16	7982	
116-6237-851	22"	C.O.	SM.	.197	62	9"	7-1/2"	16	7940	
116-6817-651	22"	C.O.	C.O.	.197	68	7-1/2"	7-1/2"	18	8237	
116-6817-751	22"	SM.	SM.	.197	68	7-1/2"	7-1/2"	18	8338	
116-6817-851	22"	C.O.	SM.	.197	68	7-1/2"	7-1/2"	18	8284	
<u>23' 4" WIDE</u>										
116-6027-652	22"	C.O.	C.O.	.197	60	9"	9"	20	8567	
116-6027-662	24"	C.O.	C.O.	.197	60	9"	9"	20	8451	
116-6027-752	22"	SM.	SM.	.197	60	9"	9"	20	8627	
116-6027-762	24"	SM.	SM.	.197	60	9"	9"	20	8526	
116-6027-852	22"	C.O.	SM.	.197	60	9"	9"	20	8597	
116-6027-862	24"	C.O.	SM.	.197	60	9"	9"	20	8477	
116-6637-652	22"	C.O.	C.O.	.197	66	9"	7-1/2"	20	8723	
116-6637-752	22"	SM.	SM.	.197	66	9"	7-1/2"	20	8822	
116-6637-852	22"	C.O.	SM.	.197	66	9"	7-1/2"	20	8789	
116-7217-652	22"	C.O.	C.O.	.197	72	7-1/2"	7-1/2"	20	8898	
116-7217-752	22"	SM.	SM.	.197	72	7-1/2"	7-1/2"	20	8970	
116-7217-852	22"	C.O.	SM.	.197	72	7-1/2"	7-1/2"	20	8934	



<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>		<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		FRNT	REAR			FRNT	REAR			
<u>26' 0" WIDE</u>										
116-7027-653	22"	C.O.	C.O.	.197	68	9"	9"	24	9699	
116-7027-663	24"	C.O.	C.O.	.197	68	9"	9"	24	9826	
116-7027-753	22"	SM.	SM.	.197	68	9"	9"	24	9767	
116-7027-763	24"	SM.	SM.	.197	68	9"	9"	24	9912	
116-7027-853	22"	C.O.	SM.	.197	68	9"	9"	24	9733	
116-7027-863	24"	C.O.	SM.	.197	68	9"	9"	24	9870	
<u>28' 8" WIDE</u>										
116-7827-653	22"	C.O.	C.O.	.197	76	9"	9"	24	10135	
116-7827-663	24"	C.O.	C.O.	.197	76	9"	9"	24	10305	
116-7827-753	22"	SM.	SM.	.197	76	9"	9"	24	10250	
116-7827-763	24"	SM.	SM.	.197	76	9"	9"	24	10420	
116-7827-853	22"	C.O.	SM.	.197	76	9"	9"	24	10200	
116-7827-863	24"	C.O.	SM.	.197	76	9"	9"	24	10310	

<u>EXTRA EQUIPMENT</u>		<u>APX WT</u>
9-116-606158	Dual Wheels for Narrow Wing Units (16' 8" & 19' 6") w/ Two 15 x 6, Six Lug Wheels Dual Wheels Standard on 22' 0" and up	112#
106122	AG LIGHT KIT	18#

Tapered Double Roller Bearings available

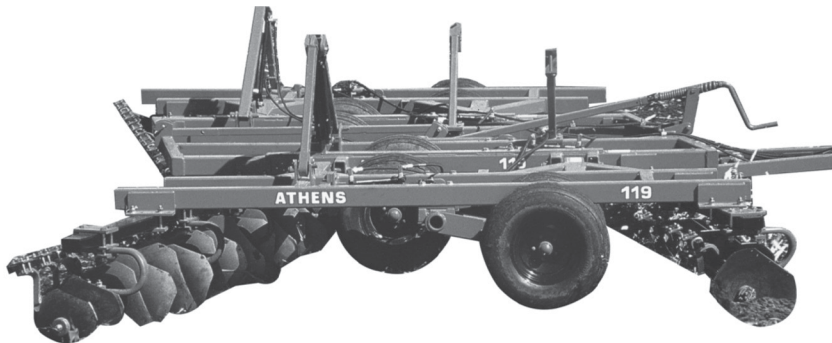
RECOMMENDED TIRE SIZE: 11L x 15  
CAUTION: TIRES ARE RATED AT 20 MPH MAXIMUM.  
**\*PRICE DOES NOT INCLUDE TIRES.**







## ATHENS 119 FLEX WING DOUBLE OFFSET DISK HARROW



### SPECIFICATIONS:

19'6" To 28'8" Widths  
 Flex Wing, Double Offset  
 Truss-Braced, Tubular Frames  
 Two Pairs Slave Lftg Cylinders  
 Six or Eight Wheels  
 Angle Adjustable ( 15-19)  
 Transport Height Maximum, 168"  
 Transport Width Maximum, 136" or 156"  
 22" Disks on 1.25" Sq. Axle  
 Disk Spacing – 9"  
 "A" Frame Braced Tongue

### STANDARD EQUIPMENT:

Double-Row Tapered  
 QUADRASEAL Bearings  
 Spring Bearing Hangers  
 Lifting and Folding Hydraulics  
 Tongue with Heavy-Duty Jack  
 Reversible Tongue Clevis  
 Cover-Disks w/Disks and Scrapers  
 Heavy-Duty Disk Scrapers  
 Double Tapered Disks on Rear  
 Single Tapered Disks on Front  
 Dual Wheels on Center Section

<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>	<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		FRNT	REAR						
<u>19' 6" WIDE</u>									
119-5424-651	22"	C.O.	C.O.	.197	52	9"	18	8070	
119-5424-751	22"	SM.	SM.	.197	52	9"	18	8122	
119-5424-851	22"	C.O.	SM.	.197	52	9"	18	8096	
<u>22' 0" WIDE</u>									
119-5824-651	22"	C.O.	C.O.	.197	56	9"	18	8451	
119-5824-751	22"	SM.	SM.	.197	56	9"	18	8272	
119-5824-851	22"	C.O.	SM.	.197	56	9"	18	8230	
<u>23' 4" WIDE</u>									
119-6224-652	22"	C.O.	C.O.	.197	60	9"	22	9182	
119-6224-752	22"	SM.	SM.	.197	60	9"	22	9242	
119-6224-852	22"	C.O.	SM.	.197	60	9"	22	9212	



<u>MODEL NUMBER</u>	<u>DISC DIAM</u>	<u>TYPE OF DISC</u>		<u>DISC THCK</u>	<u># OF DISC</u>	<u>DISC SPACING</u>	<u># OF BRGS</u>	<u>APX WT</u>	<u>CALL FOR PRICE</u>
		<u>FRNT</u>	<u>REAR</u>						
<u>26' 0" WIDE</u>									
119-7024-652	22"	C.O.	C.O.	.197	68	9"	24	9690	
119-7024-752	22"	SM.	SM.	.197	68	9"	24	9758	
119-7024-852	22"	C.O.	SM.	.197	68	9"	24	9724	
<u>29' 0" WIDE</u>									
119-7824-652	22"	C.O.	C.O.	.197	76	9"	24	10203	
119-7824-752	22"	SM.	SM.	.197	76	9"	24	10271	
119-7824-852	22"	C.O.	SM.	.197	76	9"	24	10237	

<u>EXTRA EQUIPMENT</u>								<u>APX WT</u>
9-119-606158	DUAL WHEELS FOR NARROW WING UNITS FOR 19' 6" W/ TWO 15 X 6, SIX LUG WHEELS (DUAL WHEELS STANDARD ON WIDE WINGS 22' 0" & UP)							86#
106122	AG LIGHT KIT							18#

RECOMMENDED TIRE SIZE: 11L X 15  
 CAUTION: TIRES ARE RATED AT 20 MPH MAXIMUM.  
 \*PRICE DOES NOT INCLUDE TIRES.

