

## STANDARD EQUIPMENT

### Model 116/119: Square Blades

- Double Tapered Roller Bearings
- Disc Blades, 24" Square
- Rigid Bearing Hangers with Wear Plates (116)
- Spring Bearing Hangers with Wear Plates (119)
- 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

### Model 116: Cutout & Smooth

- Quadriseal 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

## SQUARE BLADE MODEL 116/119

### NARROW MAIN FRAME

MODEL NUMBER	WIDTH OF CUT	*NUMBER OF DISCS	APPROX. WT. (lbs.)	TRANSPORT WIDTH	TRANSPORT HEIGHT	NUMBER OF BEARINGS	**APPROX. DBHP
116 ONLY	16' 8"	46	7,775	11' 6"	8' 8"	18	150
116/119	19' 4"	54	8,225	11' 6"	10' 3"	18	175
116/119	22'	58	8,605	11' 6"	11' 6"	18	200
116/119	23' 4"	62	9,087	11' 6"	12' 6"	22	210

### WIDE MAIN FRAME

116/119	26'	70	10,796	13'	12' 6"	24	225
116/119	28' 8"	78	11,309	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.

## 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
21' 5"	56, 62, 68	8,047	11' 4"	11' 6"	16	150-160
22' 9"	60, 66, 72	8,711	11' 4"	12' 6"	20	165
25' 5"	68, 74, 80	9,234	11' 4"	14'	20	180

### WIDE MAIN FRAME

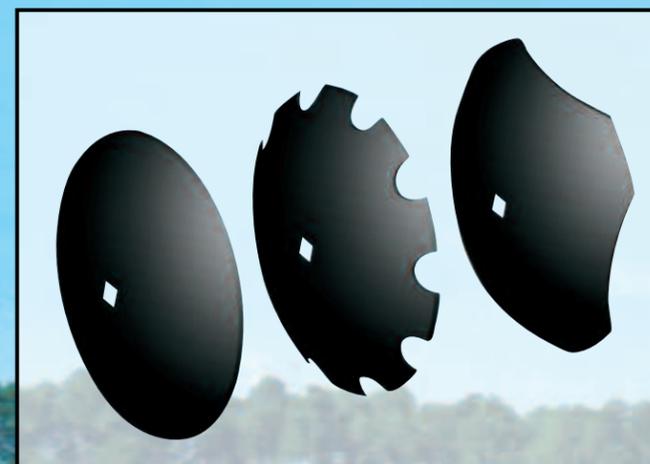
26'	70*	9,806	13'	12' 6"	24	225
28' 8"	78*	10,278	13'	14'	24	265

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.



Athens Plow Company, Inc. • PO Box 609 • Athens, TN 37371-0609

# ATHENS MODELS 116 / 119



*Athens...  
Tailoring Solutions  
to Meet Your Needs*



" WE PLOW THE EARTH "

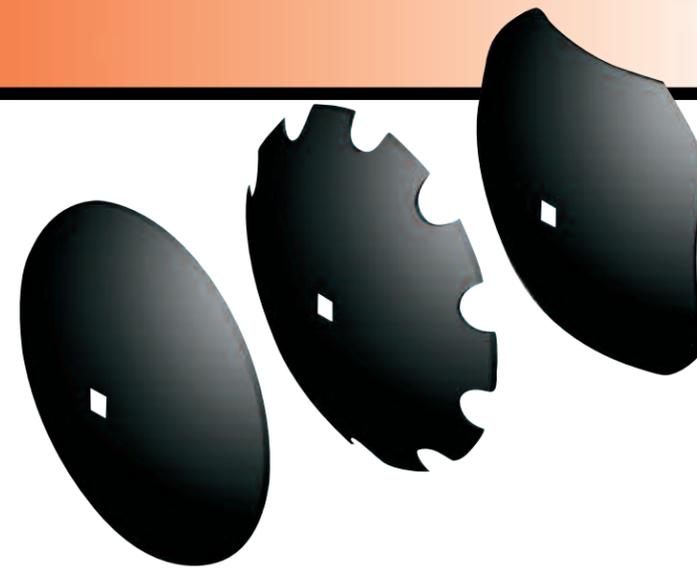
# ATHENS PLOW COMPANY



**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.

**Square blades** are offset 45° from one another. This staggered arrangement allows the total weight of the disk harrow to be distributed on every other blade, resulting in considerably more pounds per square inch and, therefore, better penetration.



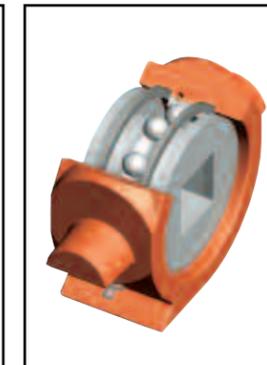
### The Quadraseal Wheel Hubs

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.



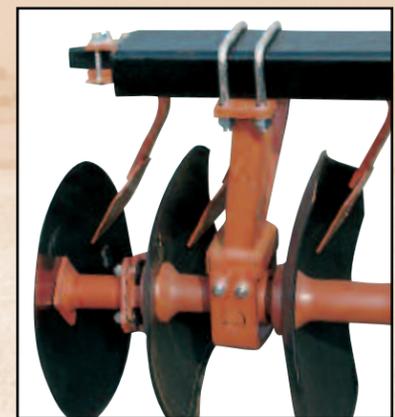
### The Quadraseal Double Tapered Roller Bearings

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.

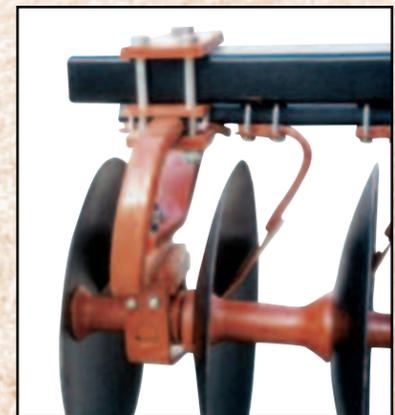


**The Rigid Bearing Hanger** on the 116 features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.



### 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.