

# Martin-Till

WELCOME TO THE MARTIN-TILL® PLANTING SYSTEM



## Unit-Mounted Fertilizer Opener (UMO150)



# Consistently places fertilizer in the ground Without splattering on planter!



Patented  
spring loaded knife places liquid in  
the ground not on the planter!



- **Improved design** allows more ground clearance with a more narrow profile, reducing bulldozing.
- Standard 14" smooth blade for use in no-till conditions or a **NEW 15" notched blade** for use in min-till or conventional till
- Mounting directly to the row unit allows precise placement from the seed, even when planting on contours
- Lateral spacing from seed can be 1", 2" or 3"
- Vertical depth can be even with seed or 3/4" above
- 1 1/2" OD Dry tube available for 2" and 3" lateral spacing
- Sturdy compact design
- Greaseable Double tapered bearing hub with two 3 lip seals
- Updated & improved placement shoe for less friction
- Adjustable furrow control strap
- Fits Deere 7000 - 1700, Kinze, White 6000/8000/9000 series, Harvest International Laser Pro and Case IH 1200 and 2000 series planters
- Patent Number 7,481,171



Adjustable Furrow  
Control Strap  
keeps soil in place.  
Preventing blowout  
of Furrow Wall.



# Dual UMO150

Compatible with 1360 & 1345 Row Cleaners



- Dual UMOs allow for yield-enhancing 2 x 3 x 2 fertilizer application
- Your choice of Two, 14" smooth blades or 15" notched blades.
- Places nutrients at various depths 3" on BOTH sides of seed for maximum usage
- Available with optional dry fertilizer tubes

## Agronomic Benefits

- Allows more nutrients to be applied
- Increases root mass
- Enhances plant size and strength
- Promotes faster growth
- Improves yields

TESTING LOCATIONS	STARTER PLACEMENT SYSTEM	TREATMENTS	PLACEMENT	EMERGED POPULATION	POPULATION DIFFERENCE	NEPS %	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT
IN, OH, IA	Martin-Till® Dual UMO 2x2x2	Control: 30 units UAN	2x2	32,088	--	83.6	201.4	--	--
		30 units UAN	2x2x2	32,454	+366	82.9	207.5	+6.1	+\$23.55
		60 units UAN	2x2x2	32,023	-65	83.3	211.3	+9.9	+\$25.01
		30 units UAN + 1 qt. Start Right	2x2	31,760	-328	80.7	206.6	+5.2	+\$9.57
		30 units UAN + 1 qt. Start Right	2x2x2	31,773	-315	82.7	202.6	+1.2	-\$5.87
KY, IL, IL	Yetter Dual 2968 Series	Control: 30 units UAN	2x2	31,246	--	92.8	199.0	--	--
		30 units UAN	2x2x2	30,407	-839	91.7	204.6	+5.6	+\$21.62
		60 units UAN	2x2x2	30,245	-1,001	90.7	208.5	+9.5	+\$23.47
		30 units UAN + 1 qt. Start Right	2x2	30,458	-788	91.0	204.0	+5.0	+\$8.80
		30 units UAN + 1 qt. Start Right	2x2x2	30,750	-496	91.9	202.7	+3.7	+\$3.78

Corn \$3.86/Bu. Start Right \$42.00/gal. UAN \$0.44/unit of nitrogen. Individual results may vary.

WITH DUAL PLACEMENT

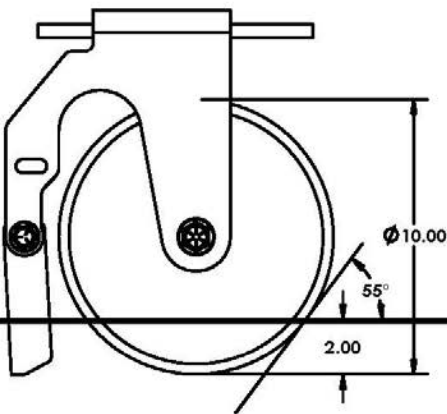


WITHOUT

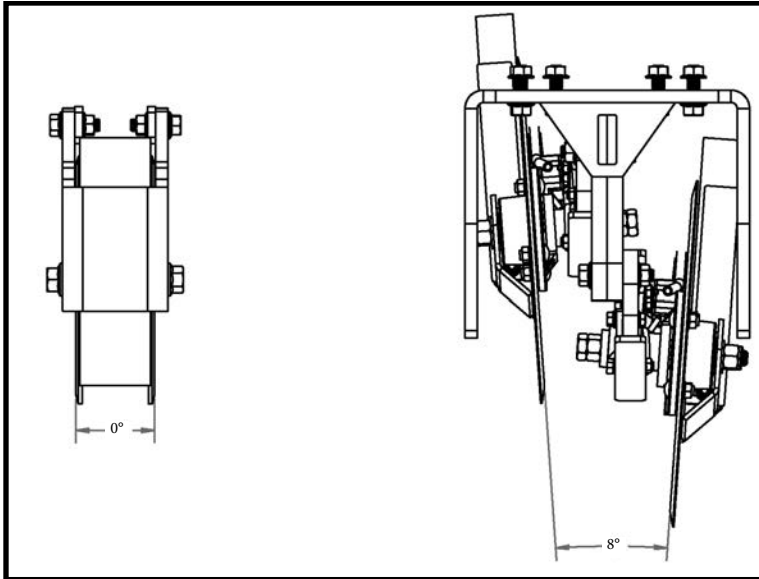
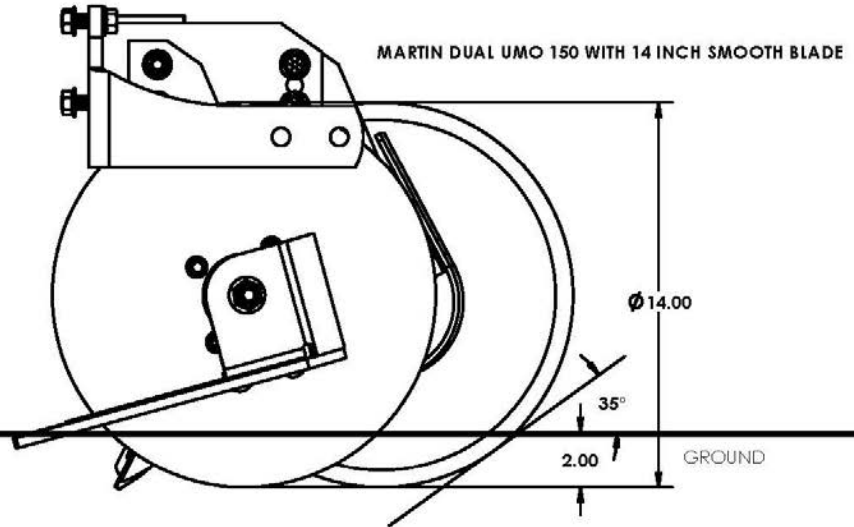


# Dual Opener Comparrison

COMPETING SYSTEM WITH 10 INCH BLADES



MARTIN DUAL UMO 150 WITH 14 INCH SMOOTH BLADE



**Dual Martin 14" Opener blades, with 35 degree "scissor angle", require only 75lbs of down pressure per opener in No-till ground.**

**The same down pressure, if not more, is required on competitors dual 10" blades. The resulting scissor angle of this size blade proves to be too blunt to help penetrate.**

**Another benefit, 4 degree blade angle holds the trench open for clean, precise fertilizer placement.**

**See more Martin-Till Planter Attachments on the web!**

*Go to [www.MartinTill.com](http://www.MartinTill.com) and Browse the Store and Product Catalog*

## Contact Us:

Martin Industries  
206 Elk Fork Rd  
Elkton, KY 42220  
United States of America  
800.366.5817 or [sales@martintill.com](mailto:sales@martintill.com)

