



J&M Manufacturing  
Torsion-Flex Soil Conditioners



Designed To

# PERFORM

Built To Last



MODELS TF2 • TF212 • TF215 • TF55





# Designed To PERFORM Built To Last

Flex your muscles the next time you're working ground with a J&M Torsion-Flex Soil Conditioner. The double basket design features a torsion-flex arm that maintains proper ground tension and allows the basket to flex over uneven terrain. The result is a more consistent performance that levels and finishes the soil in one pass...preparing a more uniform seed bed composed of finer soil at planting depth to help retain proper moisture and large particles on top to reduce crusting.

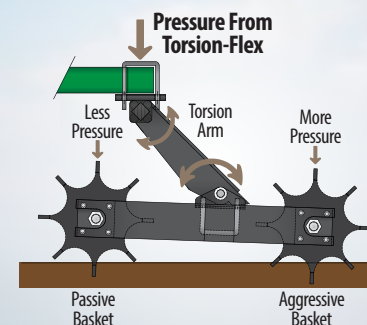
## Double Twist Baskets

The new Double Twist™ baskets by J&M feature a 2 to 1 slat design, providing ultimate ground contact for smoother rolling. This reduces the chance of "wash boarding" and prepares the field for maximum seed to soil contact and germination. The flat end and open center design reduces the chance of rock, mud and debris build-up. The heavy-duty 13" or 16" baskets are made with tall, 3/8" thick steel slats for maximum durability.



## Torsion-Flex Support Design

The offset dual basket design creates unequal downward pressure between the front and rear baskets. With less downward pressure, the front basket works the top of the soil and allows the baskets to 'walk-over' rocks and foreign debris and reduce the chance of washboarding, while the rear basket more aggressively penetrates the soil for maximum conditioning, residue and chemical mixing.





## What Size Baskets Do You Need?

### 16" Diameter Baskets

- Basket Design Consists of Nine (9), 3/8" Thick by 3" Tall Steel Slats
- Larger Diameter Baskets Pull Easier with Less Horsepower and Float Over Soft, Sandy, Loamy Soils
- Larger Center Opening for Less Chance of Rock Collection

### 13" Diameter Baskets

- Basket Design Consists of Eight (8), 3/8" Thick by 2" Tall Steel Slats
- Standard Diameter Baskets Produce Greater Rotational Speeds For More Aggressive Ground Contact (Ideal For Harder Soil Types)
- Large Center Opening for Less Chance of Rock Collection



*New*

### 16"/13" Diameter Combination Baskets

- 16" and 13" basket combination uses 16" baskets in the front and 13" baskets in the rear
- 16" baskets float over the ground without digging in, even in soft conditions.
- Smaller 13" baskets rotate at a faster rpm than the larger 16" baskets, allowing the cutting blades to make ground contact at two different points, unlike basket combinations of the same size
- Two different points of contact work the same amount of ground in one pass as a soil conditioner with matching sized baskets in two passes







### Standard Turn-Buckle Design

Turn-Buckle design maximizes transport ground clearance... regardless of the hitch height.



### Standard Heavy-Duty Hinges

Hinge areas feature oversized folding cylinders, heavy duty over-center linkage plates and extra-thick, reinforced hinges with large 1 3/4" diameter pins.



### Lighting Packages

Deluxe Light Kit with SMV Emblem.



### Optional Wing Wheels

Optional wing wheels utilize phasing cylinders that allow the unit to lift and lower evenly.



## TF2 | TF212 | TF215

12'-45' Working Widths

The cross-folding wing design creates a lower profile and narrower width for greater visibility, making farm to farm transport easier. The wings extend from 12 to 45 feet to meet your specific needs.







Torsion-Flex Working Widths

Models TF2, TF212 and TF215 Torsion-Flex Soil Conditioners

Features two rows of 13" or 16" baskets, or a combination of one row of 13" and one row of 16" diameter steel baskets, deluxe light package with SMV Emblem, extendable tongue and storage jack. Available in Red, Green or Blue powder coat in the following working widths:

	Working Width	Transport Width	Width Base	Width Wings, Ea.	Approx. Weight*
Model TF2	12'	12'	12'	N/A	2,195 lbs.
	13'	13'	12'	N/A	2,310 lbs.
	14'	14'	14'	N/A	2,425 lbs.
	15'	15'	14'	N/A	2,540 lbs.
	16'	16'	16'	N/A	2,655 lbs.
	17'	17'	16'	N/A	2,770 lbs.
Model TF212	18'	18'	18'	N/A	2,885 lbs.
	20'	13' 5"	12'	4' 0"	4,415 lbs.
	22'	13' 5"	12'	5'	4,645 lbs.
	23'	13' 5"	12'	5' 6"	4,760 lbs.
	24'	13' 5"	12'	6'	4,875 lbs.
	26'	13' 5"	12'	7'	5,105 lbs.
	27'	13' 5"	12'	7' 6"	5,220 lbs.
	28'	13' 5"	12'	8'	5,335 lbs.
	29'	13' 5"	12'	8' 6"	5,450 lbs.
	30'	13' 5"	12'	9'	5,565 lbs.
	31'	13' 5"	12'	9' 6"	5,680 lbs.
	32'	13' 5"	12'	10'	5,795 lbs.
	33'	13' 5"	12'	10' 6"	5,910 lbs.
	34'	13' 5"	12'	11'	6,025 lbs.
	35'	13' 5"	12'	11' 6"	6,140 lbs.
	36'	15' 5"	15'	10' 6"	6,255 lbs.
	37'	15' 5"	15'	11'	6,370 lbs.
Model TF215	38'	15' 5"	15'	11' 6"	6,485 lbs.
	39'	15' 5"	15'	12'	6,600 lbs.
	40'	15' 5"	15'	12' 6"	6,715 lbs.
	41'	15' 5"	15'	13'	6,830 lbs.
	42'	15' 5"	15'	13' 6"	6,945 lbs.
	43'	15' 5"	15'	14'	7,060 lbs.
	44'	15' 5"	15'	14' 6"	7,175 lbs.
	45'	15' 5"	15'	15'	7,290 lbs.

Optional 16" Baskets, 16"/13" Combo Baskets, Harrow Bar and Side-Wing Wheels Available | All Units Are Factory Set-Up  
\*Weight Measured with Standard 13" Diameter Baskets, without Optional Harrow or Wing Wheels

## Choice of Durable Bearings

Triple-Lip Flange Bearings • Heavy-Duty GBGI Bearings

### Standard Triple-Lip Flange Bearings

The heavy-duty flange bearings with triple-lip has a better seal and resists dirt and residue contamination in high speed, high usage applications. This bearing is standard equipment on all J&M Torsion-Flex conditioners but optional on some competitor's models.

### Optional Bearing Upgrade

**The heavy-duty GBGI bearing upgrade** features a sealed, cast hub style housing with double roller bearings for extra durability to handle more side thrust and a heavier workload. The rubber sealed hub caps and 3 piece "v seal" are optimal for keeping dirt and contamination away from the bearings during high speed usage. Snap rings hold the seals in place while allowing the bearings to be serviceable at a lower cost than replacing the entire assembly.







### Standard Wing Wheels

Our Wing Wheels utilize Phasing Cylinders that allow the unit to lift and lower evenly.



### Standard Hydraulic Telescoping Tongue

All J&M Model TF5S Soil Conditioners come standard with a hydraulic telescoping tongue with spring latch to easily switch from "Road-to-Field" and "Field-to-Road" positions right from the tractor seat.



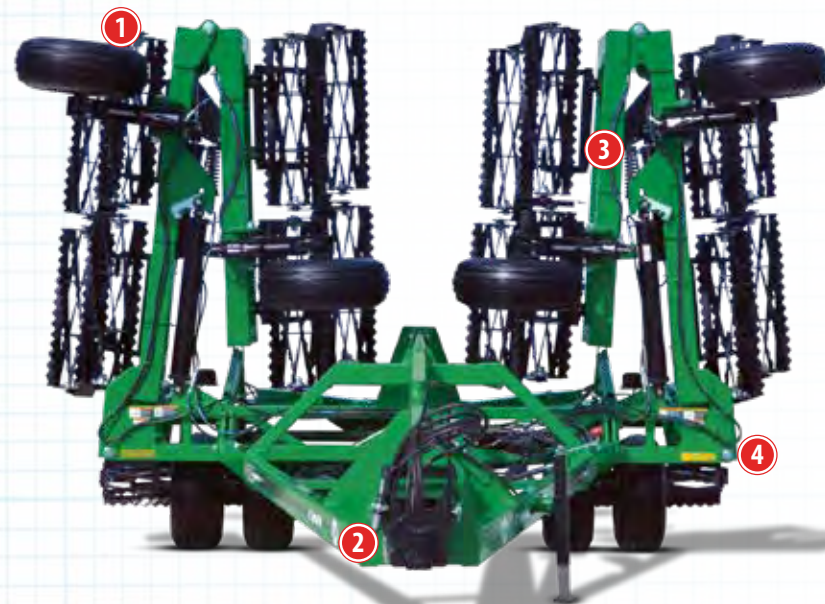
### Standard Down Pressure Springs

Our standard down pressure springs give your baskets consistent down pressure creating more uniform seedbeds.



### Standard Heavy-Duty Greaseless Hinges

J&M's standard, heavy-duty, greaseless hinges are designed to withstand the most extreme conditions.



## TF5S

### 44'-63' Working Widths

The new Model TF5S 5-Section Soil Conditioners feature a double folding wing design that extends working widths from 44 to 63 feet, yet folds to within a 16'-6" transport width. The conditioners are designed to perform and built to last, putting more material where it counts to prevent excessive wear at critical stress points and maximize performance.





### Model TF5S Torsion-Flex Soil Conditioners

Features two rows of 13" or 16" baskets, or a combination of one row of 13" and one row of 16" diameter steel baskets, deluxe light package with SMV Emblem, extendable tongue and storage jack. Available in Red, Green or Blue powder coat in the following working widths:

Torsion-Flex Working Widths

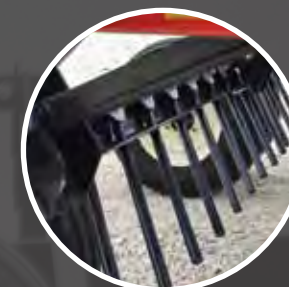
Working Width	Transport Height	Width		Approx. Weight*
		13" Baskets	16" Baskets	
44'	12'	16'-3"	16'-6"	12,324 lbs.
45'	12'	16'-3"	16'-6"	12,382 lbs.
46'	12'	16'-3"	16'-6"	12,440 lbs.
47'	12'	16'-3"	16'-6"	12,498 lbs.
48'	14'	16'-3"	16'-6"	12,434 lbs.
49'	14'	16'-3"	16'-6"	12,760 lbs.
50'	14'	16'-3"	16'-6"	12,818 lbs.
51'	14'	16'-3"	16'-6"	12,876 lbs.
52'	14'	16'-3"	16'-6"	13,084 lbs.
53'	14'	16'-3"	16'-6"	13,142 lbs.
54'	14'	16'-3"	16'-6"	13,202 lbs.
55'	14'	16'-3"	16'-6"	13,256 lbs.
56'	16'	16'-3"	16'-6"	13,434 lbs.
57'	16'	16'-3"	16'-6"	13,492 lbs.
58'	16'	16'-3"	16'-6"	13,552 lbs.
59'	16'	16'-3"	16'-6"	13,606 lbs.
60'	16'	16'-3"	16'-6"	13,818 lbs.
61'	16'	16'-3"	16'-6"	13,858 lbs.
62'	16'	16'-3"	16'-6"	13,918 lbs.
63'	16'	16'-3"	16'-6"	13,958 lbs.

Optional Harrow Bar Available  
Optional 16" Baskets Available

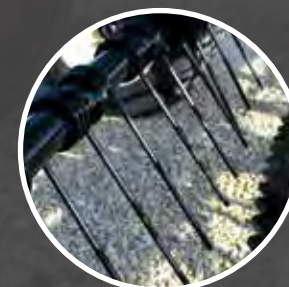
\* Weight Measured with Standard 13" Diameter Baskets, without Optional Harrow or Wing Wheels

### Harrow Options

(Available On All Soil Conditioners)



Diagonal or Straight Round Bar



Coil-Tine Spring

An optional, forward reaching Leveling Bar Harrow features a self-cleaning design that allows upward mobility to eliminate trash build-up.





### GUARANTEE

J & M MANUFACTURING CO guarantees against any faulty construction or materials for a period of ONE year. We reserve the right to inspect and decide whether material or construction was faulty or whether abuse or accident voids our guarantee.

Specifications are subject to change without notice or obligation.

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