

# TIGER-MATE 200 & CRUMBLER 110 Specifications



## Models tiger-mate 200 & Crumbler 110

### tiger-mate 200

FRAME TYPE	WORKING WIDTH	MAINFRAME WIDTH	APPROX. TRANSPORT DIMENSIONS	
			WIDTH (MAX)*	HEIGHT (MAX)**
Single-Fold:	18.5 to 28.5 ft. (5.6 to 8.7 m)	10.5 ft. (3.2 m)	13.9 ft. (4.2 m)	12.5 ft. (3.8 m)
	30.5 ft. (9.3 m)	10.5 ft. (3.2 m)	14.4 ft. (4.4 m)	14.5 ft. (4.4 m)
	30.5 to 32.5 ft. (9.3 to 9.9 m)	12.5 ft. (3.8 m)	15.9 ft. (4.8 m)	13.3 ft. (4.0 m)
	34.5 to 38.5 ft. (10.5 to 11.7 m)	14.5 ft. (4.4 m)	17.9 ft. (5.5 m)	15.1 ft. (4.6 m)
Double-Fold:	38.5 to 46.5 ft. (11.7 to 14.2 m)	12.5 ft. (3.8 m)	16.9 ft. (5.2 m)	13.5 ft. (4.1 m)
	48.5 to 50.5 ft. (14.8 to 15.4 m)	14.5 ft. (4.4 m)	18.9 ft. (5.8 m)	13.6 ft. (4.2 m)
	54.5 to 60.5 ft. (16.6 to 18.4 m)	14.5 ft. (4.4 m)	18.9 ft. (5.8 m)	15.6 ft. (4.7 m)

\* To outermost shank \*\* Without harrows (Transport height and width may vary with harrows and are approximates.)

#### HITCH

Self-Leveling hitch with turnbuckle adjustment  
Swinging hose stand with operator's manual storage  
Perfect Hitch for easier hookup

#### MAINFRAME

Industry-first bridge frame construction  
Five ranks of 3 x 4 in. (76 x 102 mm) side to side and double 2 x 2 in. (51 x 51 mm) fore/aft structural members  
Minimum rank spacing is 30 in. (76.2 cm)

#### SHANKS

Split-The-Middle sweep pattern  
5/8 in. (15.9 mm) thick by 1-3/4 in. (44.5 mm) shanks  
Effective shank spacing is 6 in. (152 mm) with minimum 24 in. (60 cm) spacing on any rank  
Compression-spring design with 150 lbs. (68 kg) trip force and 14 in. (356 mm) trip height

#### DEPTH CONTROL SYSTEM

Positive mechanical crank adjustment turnbuckle for fore/aft levelness with depth indicator  
Convenient, wrench-free adjustment from the front bar

#### AVAILABLE OPTIONS

Rear hitch to pull crumbler  
Standard or Long Nose sweeps  
Three Advanced Leveling System harrows available (3-bar coil tine, 4-bar tiger-tine and 5-bar spike tooth)  
Two Advanced Conditioning Systems available (ACS Round and ACS Flat)

#### OPERATING GUIDELINES

Vary with soil conditions  
Requires approximately 4 to 7 PTO horsepower per foot or 2 to 3.5 pto horsepower per shank  
Recommended operating speed is 5.5 mph (8.8 km/m) to 8 mph (12.8 km/m)

### Crumbler 110

FRAME TYPE	WORKING WIDTH	MAINFRAME WIDTH	APPROX. TRANSPORT DIMENSIONS	
			WIDTH (MAX)*	HEIGHT (MAX)**
Rigid:	12.5 ft. (3.8 m)	12.5 ft. (3.8 m)	13 ft. (4.0 m)	4.5 ft. (1.4 m)
	15 ft. (4.6 m)	15 ft. (4.6 m)	15.5 ft. (4.7 m)	4.5 ft. (1.4 m)
Single-Fold:	18 ft. (5.5 m)	10 ft. (3.0 m)	13 ft. (4.0 m)	7 ft. (2.1 m)
	20 ft. (6.1 m)	10 ft. (3.0 m)	13 ft. (4.0 m)	8 ft. (2.4 m)
	22.5 ft. (6.9 m)	12.5 ft. (3.8 m)	15.5 ft. (4.7 m)	8 ft. (2.4 m)
	25 ft. (7.6 m)	10 ft. (3.0 m)	13 ft. (4.0 m)	11 ft. (3.4 m)
	27.5 ft. (8.4 m)	12.5 ft. (3.8 m)	15.5 ft. (4.7 m)	10 ft. (3.0 m)
	30 ft. (9.1 m)	15 ft. (4.6 m)	18 ft. (5.5 m)	10 ft. (3.0 m)
Double-Fold:	30 ft. (9.1 m)	10 ft. (3.0 m)	16 ft. (4.9 m)	9.5 ft. (2.9 m)
	32.5 ft. (9.9 m)	12.5 ft. (3.8 m)	18.5 ft. (5.6 m)	9.5 ft. (2.9 m)
	35 ft. (1.7 m) Narrow	10 ft. (4.6 m)	16 ft. (4.9 m)	12 ft. (3.7 m)
	35 ft. (1.7 m)	15 ft. (4.6 m)	21 ft. (6.4 m)	9.5 ft. (2.9 m)
	37.5 ft. (11.4 m)	12.5 ft. (3.8 m)	18.5 ft. (5.6 m)	12 ft. (3.7 m)
	40 ft. (12.2 m)	15 ft. (4.6 m)	21 ft. (6.4 m)	12 ft. (3.7 m)
	42.5 ft. (13.0 m)	12.5 ft. (3.8 m)	18.5 ft. (5.6 m)	12 ft. (3.7 m)
45 ft. (13.7 m)	15 ft. (4.6 m)	21 ft. (6.4 m)	12 ft. (3.7 m)	
50 ft. (15.2 m)	15 ft. (4.6 m)	21 ft. (6.4 m)	14.5 ft. (4.4 m)	

\* To outermost shank \*\* Without harrows (Transport height and width may vary with harrows and are approximates.)

#### HITCH

Telescoping tongue shortens for transport and storage  
Tongue lengths vary depending on working width and frame configuration

#### MAINFRAME

Double-bar 4 x 4 in. (102 x 102 mm) members on mainframe and inner wings

Single-bar 4 x 4 in. (102 x 102 mm) on outer wings

#### REELS

14 in. (356 mm) diameter with 10 solid 7/8 in. (22.2 mm) bars  
Spring-cushioned with approximately 110 lbs. per foot (49.9 kg) of ground pressure

#### HYDRAULICS

One lift circuit operates both wing-fold and transport cylinders and fittings: ISO tips

#### TRANSPORT TIRES

9.5 L x 15 8-Ply tubeless rib implement tires

#### OPERATING GUIDELINES

Vary with soil conditions  
Requires approximately 1 PTO horsepower per foot  
Recommended operating speed is 5 mph (8.05 km/m) to 8 mph (12.87 km/m)

### Advanced Leveling Systems (ALS) Harrows

	3-BAR COIL TINE	4-BAR TIGER-TINE	5-BAR SPIKE TOOTH
<b>RANKS:</b>	3	4	5
<b>SPIKE/TINE LENGTH:</b>	16 in. (41 cm)	16 in. (41 cm)	11 in. (279 mm)
<b>SPIKE/TINE DIAMETER:</b>	7/16 in. (11.1 mm)	7/16 in. (11.1 mm)	3/4 in. (19.1 mm)
<b>SPIKE/TINE SPACING:</b>	7.5 in. (191 mm)	8 in. (203 mm)	7.5 in. (191 mm)
<b>EFFECTIVE SPIKE/TINE SPACING:</b>	2.5 in. (64 mm)	2 in. (51 mm)	1.5 in. (38 mm)
	5-position adjustment	3-position adjustment	

**RANKS:** 2 ranks of tines  
**RANK SPACING:** 15 in. (381 mm)  
**TINE LENGTH:** 16 in. (41 cm)  
**TINE DIAMETER:** 7/16 in. (11.1 mm)  
**EFFECTIVE TINE SPACING:** 4 in. (102 mm)

**TINE ANGLE ADJUSTMENT:** 5°, 20°, or 35°  
**LENGTH (FRONT TO BACK):** 77 in. (196 cm)  
**BASKET DIAMETER:** 14 in. (356 mm)  
**FLAT BAR SIZE:** 1/4 x 1.25 in. (6.4 x 31.8 mm)  
**ROUND TUBE SIZE:** 7/8 in. (22.2 mm) diameter hollow tubes  
**BASKET DOWN PRESSURE:** 60-80 lbs. (27.2-36.3 kg)

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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**SAFETY NEVER HURTS!**™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.