

# VERTICAL MIXERS



## CUT. MIX. FEED.

Evenly and efficiently deliver  
balanced nutrition to your cattle.



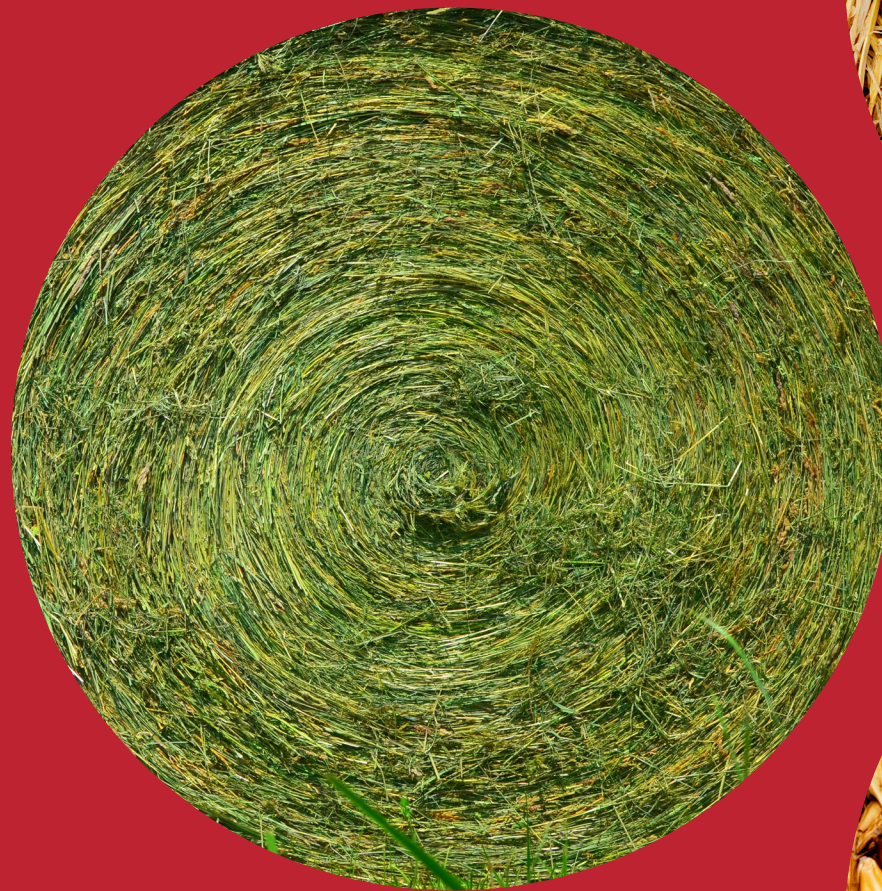
■ CMF-590 ■ CMF-710 ■ CMF-830



# A BETTER BLEND FOR A BETTER DIET

**It's not a secret.** Healthier, happier cattle produce more. We know that because a good chunk of our engineers grew up running cows or milking them. We model our machines based on input from our customers around the country and around the world. We listen to nutritionists and follow trends to make sure our equipment lives up to your expectations.

All this results in the most long-lasting vertical mixers on the market. On top of that are time and cost-saving benefits from wasting less material and making sure every mouthful is consistent for all your livestock. Talk to a dealer or, better yet, talk to a customer who's still running one of these mixers decades after they bought it.





# SPECIFICATIONS

## CAPACITIES

Mixing Capacity with 12 in. Extension: 590 cu. ft. [16.71 cu. m]  
Gross Weight Capacity: 22,270 lbs. [10,101.5 kg]  
Tare Weight - TMR: 12,000 lbs. [5,443.11 kg]

## AUGERS

Number: 1  
Diameter: 104 in. [264.16 cm]  
Flighting Thickness: 5/8 in. [1.59 cm]  
Number/Thickness-Knives: 7, 5/16 in. [0.3125] Self-Sharpening

## DOOR OPENING

24 in. [60.96 cm] X 42 in. [106.68 cm]

## SIDE WALL THICKNESS

1/4 in. [0.635 cm]

## FLOOR THICKNESS

5/8 in. [1.58 cm]

## DRIVELINE AND GEAR BOXES

13/4 in. [4.45 cm] Constant Velocity 1,000 rpm PTO Shaft,  
Optional 2-Speed Gearbox  
13/8 in. [3.49 cm] Constant Velocity 1,000 rpm PTO Shaft,  
Optional 2-Speed Gearbox  
**Protection:** Free Motion Automatic Clutches [1]  
[1] HD Gear Boxes with 2-Year Warranty

## SCALE

Digi-Star 4-Point Scale with Optional Monitor

## UNLOADING DOOR

43 in. [109.22 cm] wide X 36 in. [91.44 cm] long  
**Discharge Height:** 34 in. [86.36 cm]  
**Discharge Options:** Left or Right

## WEIGHT

**Total:** 10,270 lbs. [4,658.39 kg]  
**Tongue Weight:** 1,220 lbs. [553.38 kg]

## TRANSPORT DIMENSIONS

**Width:** 12 ft. 4 in. [3.76 m]  
**Length:** 17 ft. 10 in. [5.44 m]  
**Height:** 10 ft. 4 in. [3.15 m]

## WORKING DIMENSIONS

**Loading Height with Extensions:** 10 ft. 4 in. [3.15 m]  
**Width:** Between 10 ft. 11 in. and 14 ft. 3 in., depending on conveyor

## CHASSIS

**Towing Arrangement:** Clevis Type Hitch/Pintle  
**Tires:** [2] 385/65R22.5  
**Wheels:** [2] – 8-bolt  
**Axle:** Rigid  
**Bearings:** Tapered Roller  
**Jack Capacity:** 7,000 lbs. [3175.2 kg] 10 in. Travel  
**Extensions:** 12 in. Rubber

## REQUIREMENTS FOR OPERATION-TRACTOR

**PTO Horsepower Required:** 100 Recommended Minimum HP  
**PTO Requirement:** 1,000 rpm, 13/8 in. or 13/4 in.  
**Min. Hydraulic Output:** 8 gpm at 1,500 psi [46 lpm X 10,345 kpa]  
**Electrical:** 12 VDC [Battery Included]  
**SMV Sign and Road Lights:** Standard Equipment



# CMF-590





# SPECIFICATIONS

## CAPACITIES

**Mixing Capacity With 12 in. Extension:** 710 cu. ft. (20.1 cu. m)  
**Gross Weight Capacity:** 32,000 lbs (14,515 kg)  
**Tare Weight - TMR:** 18,340 lbs (8,318.88 kg)

## AUGERS

**Number:** 2  
**Diameter:** 76 in. (193 cm)  
**Flighting Thickness:** 5/8 in. (1.59 cm)  
**Number/Thickness-Knives:** 14, 5/16 in. (0.794 cm) Self-Sharpening

## DOOR OPENING

30 in. (76.2 cm) x 40 in. (101.6 cm)

## SIDE WALL THICKNESS

1/4 in. (0.635 cm)

## FLOOR THICKNESS

5/8 in. (1.58 cm)

## OBSERVATION WINDOWS

**Number:** 2

## DRIVELINE AND GEAR BOXES

Drive line constant velocity 1000 rpm PTO, available in 13/4 in. (4.45 cm) or 13/8 in. (3.49 cm)  
**Protection:** Free Motion Automatic Clutches (2)  
(2) HD Gear Boxes With 2-Year Warranty

## SCALE

Digi-Star 4-Point Scale With Optional Monitor

## UNLOADING CONVEYOR

36 in. (91.44 cm) Chain With Hydraulic Orbital Motors  
**Dogleg Option:** 30 in. (76.2 cm)  
**Discharge Options:** Left, Right or Both

## WEIGHT

**Total:** 13,660 lbs. (6,196.07 kg)  
**Tongue Weight:** 1,180 lbs. (535.24 kg)

## TRANSPORT DIMENSIONS

**Width:** 10 ft. 11/2 in. (3.086 m)  
**Length:** 22 ft. 2 11/16 in. (6.774 m)  
**Height:** 10 ft. 2 3/4 in. (3.118 m)

## WORKING DIMENSIONS

**Loading Height With Extensions:** 10 ft. 2 3/4 in. (3.118 m)  
**Width:** Between 10 ft. 2 in. and 12 ft., depending on conveyor

## CHASSIS

**Towing Arrangement:** Clevis Type Hitch  
**Tires:** (4) 14 L-16.1-12 ply  
**Wheels:** (4) 8 Hole  
**Axle:** Oscillating  
**Bearings:** Tapered Roller  
**Jack Capacity:** 7,000 lbs (3175.2 kg) 10 in. Travel  
**Extensions:** 12 in. Rubber

## REQUIREMENTS FOR OPERATION-TRACTOR

**PTO Horsepower Required:** 125 Recommended Minimum HP  
**PTO Requirement:** 1000 rpm, 13/8 in. Dia. With 21 Spline  
**Min. Hydraulic Output:** 8 gpm at 1,500 psi (46 lpm. x 10,345 kpa)  
**Electrical:** 12 VDC (Battery Included)  
**SMV Sign and Road Lights:** Standard Equipment

# CMF-710



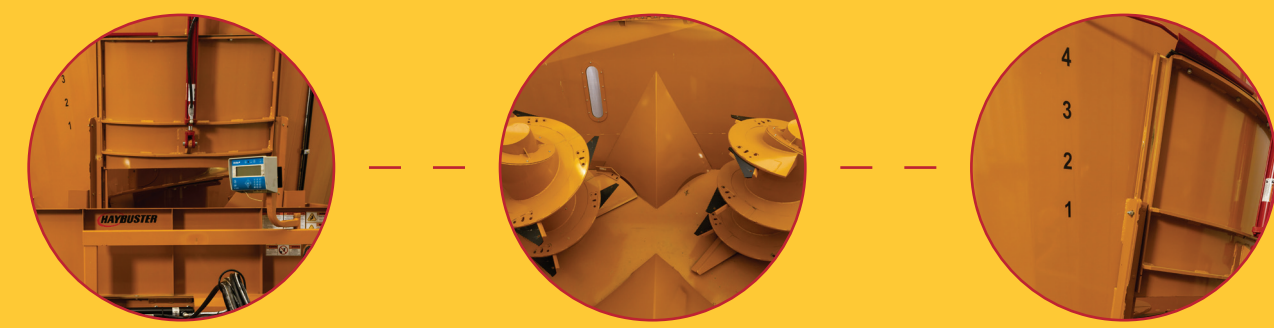




# SPECIFICATIONS

<b>CAPACITIES</b> Mixing Capacity with 12 in. Extension: 830 cu. ft. (23.5 cu. m) Gross Weight Capacity: 39,400 lbs. (17,871.5 kg) Tare Weight-TMR: 21,500 lbs. (9,774.92 kg)	<b>UNLOADING CONVEYOR</b> 36 in. (91.44 cm) Chain with Hydraulic Orbital Motors Discharge Height: 26 5/8 in. (67.63 cm) to 55 in. (139.7 cm) Discharge Options: Left, Right or Both
<b>AUGERS</b> Number: 2 Diameter: 88 in. (282.52 cm) Flighting Thickness: 5/8 in. (1.59 cm) Number/Thickness-Knives: 14, 1/4 in. (0.635 cm) Self Sharpening	<b>WEIGHT</b> Total: 17,900 lbs. (8119.3 kg) Tongue Weight: 2,100 lbs. (952.5 kg)
<b>DOOR OPENING</b> 24 in. (60.96 cm) X 42 in. (106.68 cm)	<b>TRANSPORT DIMENSIONS</b> Width: 10 ft. 2 in. (3.1 m) Length: 24 ft. 8 in. (7.5 m) Height: 10 in. 8 in. (3.3 m)
<b>SIDE WALL THICKNESS</b> 1/4 in. (0.635 cm)	<b>WORKING DIMENSIONS</b> Loading Height with Extensions: 10 ft. 8 in. (3.3 m) Width: Between 10 ft. 2 in. and 12 ft. depending on conveyor
<b>FLOOR THICKNESS</b> 5/8 in. (1.58 cm)	<b>CHASSIS</b> Towing Arrangement: Clevis Type Hitch Tires: (4) 315/80R22.5 20 ply Wheels: (4) 22.5x 9 in. - 10 Hole Axle: Oscillating Bearings: Tapered Roller Jack Capacity: 7,000 lbs. (3175.2 kg) 10 in. Travel Extensions: 12 in. Rubber
<b>OBSERVATION WINDOWS:</b> Number: 2	<b>REQUIREMENTS FOR OPERATION-TRACTOR</b> PTO Horsepower Required: 150 Recommended Minimum HP PTO Requirement: 1,000 rpm, 13/4 in. Dia. with 20 Spline Min. Hydraulic Output: 8 gpm at 1,500 psi (46 lpm. X 10,345 kpa) Electrical: 12 VDC (Battery Included) SMV Sign and Road Lights: Standard Equipment
<b>DRIVELINE AND GEAR BOXES</b> 13/4 in. (4.45 cm) Constant Velocity 1,000 rpm PTO Shaft Optional Two-Speed Gear Box With 13/4 in. 1,000 rpm PTO for Loaded Startups Protection: Free Motion Automatic Clutches (2) (2) HD Gear Boxes with 2-Year Warranty	
<b>SCALE</b> Digi-Star 4-Point Scale with Optional Monitor	

# CMF-830





# MADE TO BE PASSED DOWN

**Haybuster products last.** Few things fill us up with pride like when we see our equipment working in the field 10, 20, 30 or [seriously] even 40 years after it left our facility. Haybuster pioneered the hay processing industry in the 1960s and continues to produce best-in-class machines by sticking with two enduring philosophies: **Build Strong. Build Simple.**

**Build Strong.** Toughness comes from a combination of materials and craftsmanship. We don't skimp on the steel we put into every Haybuster product. And when it comes to craftsmanship, we keep our facilities here in the United States. It's great to see Haybuster products on jobsites around the world, but we'll always make sure our quality control stays at the same place our raw materials are cut, molded, fabricated, assembled, painted, and shipped.

**Build Simple.** Every owner should have the ability to maintain, service, and fix their equipment. Hiring a technician should be a luxury or last resort. In an age of smart technologies and the Internet of things, we keep our products more straightforward on purpose. New is best, but nothing is worse than seeing something crafted with care left for scrap because of outdated software. Sometimes it really is all about grinding hay, grains, and corn.





MOBILE. EASY TO USE. ANYWHERE.



701-252-4601

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