

VERTICAL MIXERS



CUT. MIX. FEED.

Evenly and efficiently deliver balanced nutrition to your cattle.



■ CMF-590 ■ CMF-710 ■ CMF-830 ■ CMF-1200

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.

DUAL AUGER ADVANTAGES

These are some of the most appreciated features we've been told by customers operating our CMF-710, CMF-830 and CMF-1200. But you can also find many of these amenities in our single-auger model, the CMF-590.

Magnets On Chutes: No animal wants metal in their meal. These magnets remove metal debris, like bale wire, to reduce any potential harm.

Dogleg Conveyor: Easily access the feed bunks with the dogleg style conveyor that hydraulically slides out 16 inches.

Adjustable Vertical Knives: Customize your cut and decide how aggressive you want to operate.

4-Point Scale: Weigh more accurately while experiencing less bounce during loading and feeding.

This is standard equipment, simply choose a monitor to go with it.

Free Motion Clutches On Driveline: Protect your heavy-duty gearboxes – even the optional two-speed gearbox used for loaded startups and heavy rations. Either way, you're even more protected with a two-year warranty.

Observation Windows: Windows on both sides of the machine let you keep an eye on the action.



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] 385/65R 22.5
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. 211/16 in. [6.774 m]
Height: 10 ft. 23/4 in. [3.118 m]

WORKING DIMENSIONS

Loading Height With Extensions: 10 ft. 23/4 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



CAPACITIES

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]

AUGERS

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

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]

OBSERVATION WINDOWS:

Number: 2

DRIVELINE AND GEAR BOXES

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

SCALE

Digi-Star 4-Point Scale with Optional Monitor

UNLOADING CONVEYOR

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

WEIGHT

Total: 17,900 lbs. [8119.3 kg]
Tongue Weight: 2,100 lbs. [952.5 kg]

TRANSPORT DIMENSIONS

Width: 10 ft. 2 in. [3.1 m]
Length: 24 ft. 8 in. [7.5 m]
Height: 10 in. 8 in. [3.3 m]

WORKING DIMENSIONS

Loading Height with Extensions: 10 ft. 8 in. [3.3 m]
Width: Between 10 ft. 2 in. and 12 ft. depending on conveyor

CHASSIS

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

REQUIREMENTS FOR OPERATION-TRACTOR

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

CMF-830



SPECIFICATIONS



CAPACITIES

Mixing Capacity with 12 in. Extension: 1,200 cu. ft. (33.98 cu. m)
Gross Weight Capacity: 55,740 lbs. (25,283.24 kg)
Tare Weight-TMR: 34,000 lbs. (15,422.14 kg)

AUGERS

Number: 2
Diameter: 88 in. (282.52 cm)
Flighting Thickness: 5/8 in. (1.59 cm)
Number/Thickness-Knives: 18, 1/4 in. (0.635 cm) Self Sharpening

DOOR OPENING

24 in. (60.96 cm) X 42 in. (106.68 cm)

SIDE WALL THICKNESS

1/4 in. (0.635 cm)
12 Gauge Replaceable Steel Wall Liner

FLOOR THICKNESS

3/4 in. (1.91 cm)

OBSERVATION WINDOWS:

Number: 2

DRIVELINE AND GEAR BOXES

13/4 in. (4.45 cm) Constant Velocity 1,000 rpm PTO Shaft
Two-Speed Gear Box (Standard Equipment)
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 without Hydraulic Orbital Motors
Discharge Height: 26 5/8 in. (67.63 cm) to 55 in. (139.7 cm)
Discharge Options: Left, Right or Both

WEIGHT

Total: 21,740 lbs. (9961.10 kg)
Tongue Weight: 2,300 lbs. (1043.26 kg)

TRANSPORT DIMENSIONS

Width: 11 ft. 1/2 in. (3.37 m)
Length: 27 ft. 2 1/4 in. (8.29 m)
Height: 10 in. 7 in. (3.23 m)

WORKING DIMENSIONS

Loading Height with Extensions: 10 ft. 7 in. (3.23 m)
Width: Between 11 ft. 6 1/2 in. and 13 ft. depending on conveyor

CHASSIS

Towing Arrangement: V-Block or Clevis Type Hitch
Wheels: (4) 22.5x12.25 in. - 10 Hole
Axle: Oscillating
Bearings: Tapered Roller
Jack Capacity: 7,000 lbs. (3175.2 kg) 10 in. Travel
Extensions: 12 in. Rubber (Standard)

REQUIREMENTS FOR OPERATION-TRACTOR

PTO Horsepower Required: 150 Recommended Minimum HP
PTO Requirement: 1,000 rpm, 1 3/4 in. Dia. with 20 Spline
Electrical: 12 VDC (Battery Included)
SMV Sign and Road Lights: Standard Equipment

CMF-1200



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. When we do upgrade technology, we do it at the factory level. Passing the savings that comes with things like 24/7 laser cutting to you is something we'd rather do than passing off brand new systems to learn. Sometimes it really is all about grinding hay, grains, and corn.





HAYBUSTER.COM



701-252-4601

P.O. Box 1940 - Jamestown, ND 58401