STANDARD FEATURES

CMF-430 VERTICAL MIXER

CONVEYOR: The unloading door is 42" high and can be on the left or right side of the machine. Conveyor options are a 3' or 5' extension which gives a feeding height range of between 36" and 58".

MAGNETS: Magnets on the discharge chutes remove metal, such as bale wire, from feed providing the highest quality feed available.

DIGI-STAR: The CMF-430 is equipped with a Digi-Star 4 pt. scale and monitor. Various monitor options are available. The Digi-Star system is powered by a standard onboard 12-volt battery. Digi-Star feed rationing programs are also available.

AUGER WITH KNIVES: 88" heavy-duty single auger with up to 7 self-sharpening serrated knives driven by an HD USA gearbox.

VERTICAL KNIVES: Adjustable vertical knives for more aggressive cutting.

RUBBER EXTENSION: The tapered boil ring is standard equipment on the CMF-430. It prevents product from boiling over the sides during the cutting and mixing processes.

OPTIONS FEATURES

• Magnets on chutes/spouts: Discharge magnets on the chutes/spouts remove ferrous metal, such as bale wire, from feed, producing the highest quality feed available.

• Left or right door opening: Optional left or right opening with discharge conveyor options of 3' or 5' provide the ultimate flexibility for feeding applications. The 3' conveyor has a feed height ranging from 36" to 44". The 5' conveyors has a feed height range from 45" to 58".

• 2-speed gear box: The 2-speed gear box is used for heavy start-ups and heavy rations.

• Digi-Star Scale: Choose from any Digi-Star scale indicator. Also available are optional Digi-Star Feed Management Programs. www.digi-star.com

• CV PTO OR OPTIONAL 2-SPEED GEAR BOX: The CMF-430 comes equipped with either a Heavy-Duty Constant Velocity 540 rpm PTO or an optional 2-Speed Gear Box. The 2-Speed Gear Box is used for loaded start-ups and heavy rations.

• CLUTCH: Free motion clutches on the driveline protect the heavy-duty gear boxes. Gear boxes come with a 2-year warranty. The optional 2-speed gear box is used for loaded start-ups and heavy rations.

• RIGID AXLES: Rigid heavy-duty axles on each side with 2 14L-16.1 12 ply tires.

• LADDER: Ladder mounted on front of machine allows for viewing of mixed ration while machine is stopped.

MIXING CAPACITY: The CMF-430 has a 430 cu. ft. mixing capacity with a tare weight of 10,750 lbs.
STANDARD FEATURES

CMF-710 VERTICAL MIXER

OSCILLATING AXLES: Oscillating Heavy Duty Axles with 41/2" 315/80 R 22.5 20-ply rated tires provide even weight distribution on uneven ground.

UNLOADING DOOR: Large 24" x 42" unloading door for fast, even unloading and cleaning.

AUGERS: Heavy-duty 76" screw augers with self-sharpening serrated knives, driven by 2 HD USA gearboxes.

HEAVY-DUTY FRAME: The CMF-710 is built with a heavy-duty 6" x 9" x ¼" steel tube frame for strength and longevity.

MIXING CAPACITY: The CMF-710 has a 710 cu. ft. mixing capacity with a tare weight of 18,340 lbs.

OPTIONAL FEATURES

• Unloading Options:
  - Cross Conveyor only with right or left hand drives
  - Cross Conveyor w/ spouts or endgates. Magnets are available for the spouts.
  - Cross Conveyor with hydraulic conveyor extension. Available in right hand, left hand, or both right and left hand unloads. The dual discharge unit can only unload from one side at a time. Spouts and optional magnets are also available.
  - Dogleg style conveyor also available.
  - Magnets on discharge spouts. Magnets on the spouts remove ferrous metal, such as bale wire from feed, providing the highest quality feed available.
  - Rear discharge door. The optional rear discharge door provides an additional means of discharging feed.
  - 2-Speed Gearbox. The 2-speed gear box is used for heavy starts after transporting heavy rations to protect the tractor PTO and mixers drive train.
  - Digi-Star Scale. Choose from any Digi-Star scale indicator. Also available are optional Digi-Star Feed Management Programs.

2660 BALEBUSTER

• Unloading Options
  - Cross Conveyor only with right or left hand drives.
  - Cross Conveyor w/ spouts or endgates. Magnets are available for the spouts.
  - Cross Conveyor w/ hydraulic conveyor extension. Available in right hand, left hand, or both right and left hand unloads. The dual discharge unit can only unload from one side at a time. Spouts and optional magnets are also available.

www.digi-star.com
STANDARD FEATURES

CMF-830 VERTICAL MIXER

OSCILLATING AXLES: Oscillating Heavy Duty Axles with 315/80 R 22.5 20-ply rated tires provide even weight distribution on uneven or frozen ground.

MIXING CAPACITY: The CMF-830 has an 830 cu. ft. mixing capacity with a tare weight of 21,500 lbs.

UNLOADING DOOR: Large 24” x 42” unloading door for fast, even unloading and clean-out.

AUGERS: Heavy-duty 88” screw augers with self-sharpening serrated knives, driven by 2 HD USA gearboxes.

HEAVY-DUTY FRAME: The CMF-830 is built with a heavy-duty 6” x 9” x ¼” steel tube frame for strength and durability.

OPTIONAL FEATURES

• Unloading Options
  Cross Conveyor only with right or left hand drives
  Cross Conveyor with spouts and endgates. Magnets are available for the spouts.
  Cross Conveyor with hydraulic conveyor extension. Available in right hand, left hand, or both right and left hand unload. The dual discharge unit can only unload from one side at a time. Spouts and optional magnets are also available.

• Dogleg style conveyor also available.

• Magnets on discharge spouts
  Magnets on the spouts remove ferrous metal, such as bale wire from feed, providing the highest quality feed available.

• Rear discharge door
  The optional rear discharge door provides an additional means of discharging feed.

• 2-Speed PTO Box
  The 2-speed PTO box is used for heavy starts after transporting heavy rations to protect the tractor PTO and mixers drive train.

• Dig-Star Scale
  Choose from any Dig-Star scale indicator
  Also available are optional Dig-Star Feed Management Programs www.digi-star.com

CV PTO OR OPTIONAL 2-SPEED GEAR BOX:

The CMF-830 comes equipped with either a heavy-duty constant velocity 1000 rpm PTO or an optional 2-speed gearbox. The 2-speed gearbox is used for loaded startups and heavy rations.
STANDARD FEATURES

CMF-980 VERTICAL MIXER

MIXING CAPACITY: The CMF-980 has a 980 cu. ft. mixing capacity with a tare weight of 30,900 lbs.

OSCILLATING AXLES: Oscillating Heavy Duty Axles with 4) 385/65 R 22 20-ply rated tires provide even weight distribution on uneven or frozen ground.

HEAVY-DUTY FRAME: The CMF-980 is built with a heavy-duty 6” x 10” x 3/8” steel tube frame for strength and durability.

UNLOADING DOOR: Large 24” x 42” unloading door for fast, even unloading and clean-out.

AUGERS: Heavy-duty 88” screw augers with self-sharpening serrated knives, driven by 2 HD USA gearboxes.

OPTIONAL FEATURES

• Unloading Options
  Cross Conveyor only with right or left hand drives.
  Cross Conveyor with spouts or endgates. Magnets are available for the spouts.
  Cross Conveyor with continuous conveyor extension. Available in right hand, left hand, or both right and left hand unload. The dual discharge side can only unload large main discharge side at a time. Spouts and optional magnets are also available.
• Cross Conveyor cross conveyor also available.
• Magnets on discharge spouts
  Magnets on the spouts remove ferrous metal, such as bale wire, from feed, providing the highest quality feed available.
• Rear discharge door
  The optional rear discharge door provides an additional means of discharging feed.
• Digi-Star Scale
  Choose from any Digi-Star scale indicator
  Also available are optional Digi-Star Feed Management Programs
  www.digi-star.com

CV PTO WITH 2-SPEED GEAR BOX:

The CMF-980 comes equipped with a heavy-duty 1¾” constant velocity 1000 rpm PTO with a 2-speed gearbox. The 2-speed gearbox is needed for bale startups and heavy ratios.
STANDARD FEATURES

CMF-1150 VERTICAL MIXER

OSCILLATING AXLES: Oscillating Heavy Duty Axles with 4) 385/65 R 22 20-ply rated tires provide even weight distribution on uneven or frozen ground.

UNLOADING DOOR: Large 30” x 42” unloading door for fast, even unloading and clean-out.

AUGERS: Heavy-duty 88” screw augers with 18-¼” self-sharpening serrated knives, driven by 2 HD USA gearboxes.

MIXING CAPACITY: The CMF-1150 has a 1150 cu. ft. mixing capacity with a tare weight of 33,000 lbs.

HEAVY-DUTY FRAME: The CMF-1150 is built with a heavy-duty 6” x 12” x 3/8” steel tube frame for strength and durability.

OPTIONAL FEATURES

• Unloading Options
  Cross Conveyor with right or left hand drives.
  Cross Conveyor with spouts or endgates. Magnets are available for the spouts.
  Cross Conveyor with hydraulic conveyor extension. Available in right hand, left hand, or both right and left hand unload. The dual discharge unit can only unload from one side at a time. Spouts and optional magnets are also available.
  Cross Conveyor unloader conveyor also available.
  Magnets on discharge spouts. Magnets on the spouts removes ferrous metal, such as bale wire, from feed, providing the highest quality feed available.
  Push discharge door. The optional push discharge door provides an additional means of discharging feed.
  Dogleg Style: A dogleg style conveyor also available.
  Magnets on discharge spouts. Magnets on the spouts removes ferrous metal, such as bale wire, from feed, providing the highest quality feed available.
  Rear discharge door. The optional rear discharge door provides an additional means of discharging feed.
  Digi-Star Scale: Choose from any Digi-Star scale indicator. Also available is the optional Digi-Star Feed Management Programs.

CV PTO WITH 2-SPEED GEAR BOX: The CMF-1150 comes equipped with a heavy-duty 1 ½” constant velocity 1000 rpm PTO with a 2-speed gearbox. The 2-speed gearbox is needed for bale startups and heavy ratios.
Some features are common to all our dual-auger models. These features are what make the Haybuster CMF Vertical Mixers the best on the market. Along with the features listed below, our machines are built heavier, like customers have come to expect from Haybuster, and our customers say we have the best mixing capabilities they’ve seen in any feed wagon.

Features common to the 710, 830, 980 & 1150:

- **Magnets on Chutes:** Magnets on the discharge chutes removes metal, such as bale wire from feed, providing the highest quality feed available. Standard on the dogleg conveyor.

- **Versatile 36 In. Wide Cross and Unloading Conveyor:** The Haybuster CMF’s are equipped with a 36” wide hydraulic chain/slat unloading conveyor featuring:
  - Cross Conveyor only with right or left hand drives
  - Cross Conveyor with spouts or end gates. Magnets are available for the spouts
  - Cross Conveyor with hydraulic conveyor extension. Available in right and, left hand, or both. The dual discharge unit can only unload from one side at a time. Spouts and optional magnets are also available

- **Dogleg Conveyor:** The dogleg style conveyor hydraulically slides out 18” for easy access to feed bunks.

- **Free Motion Clutches on Driveline:** Free motion clutches on driveline protect the heavy duty gearboxes. Gearboxes come with a two-year warranty. The optional two-speed gearbox is used for loaded startups and heavy rations.

- **Digit-Star 4-Point Scale with Choice of Optional Digit-Star Monitors:** Haybuster CMF’s are equipped with the standard Digi-Star 4 Pt. scale and EZ 3500 V monitor. All other Digi-Star monitors and scale heads are available. The Digi-Star system is powered by a standard onboard 12-volt battery. Digi-Star feeding programs are also available. See www.digi-star.com for more information.

- **Adjustable Vertical Knives:** Adjustable vertical knives for more aggressive cutting.

- **Observation Windows:** The Haybuster CMF’s have observation windows on the right and left sides of the machine.
## FACTORY SPECIFICATIONS

### MODEL CMF-710

**Cat® Challenger 4WD Tractor:**
- **Engine:** 120 HP (90 kW)
- **Transmission:** 20 Speed Powershift
- **Weight:** 17,900 lbs (8,130 kg)
- **Length:** 24' 6 1/8" (7.47 m)
- **Tongue Weight:** 2,800 lbs (1,270 kg)
- **Safety Features:**
  - Bucket Guards
  - Left, Right or Both Slugs

**Cutter/Mixer/Feeder Vertical Mixer:**
- **Mixing Capacity With 12" Extension:** 830 cu. ft. (23.5 cu. m)

**Discharge Options:**
- 36" (91.44 cm) Chain With Hydraulic Orbital Motors
- Free Motion Automatic Clutches (2)

**Protection:**
- Digi-Star 4-Point Scale With Optional Digi-Star Scale Monitor

**Drive:**
- 44E Series Drivelines
- With Two-Speed Gearbox (Standard Equipment)
- 1 3/4" (4.45 cm) Constant Velocity 1,000 rpm PTO Shaft
- 9' bale chamber for handling the BIG

**Chassis:**
- Between 10' 10" and 13', depending on conveyor
- 11' (3.35 m) Rear Commodity Door

**Discharge Height:**
- 43" (109.22 cm)

**FLOOR THICKNESS:**
- 1/4" (0.635 cm)

**SIDE WALL THICKNESS:**
- 18-1/4" (0.635 cm) Self Sharpening

**Flighting Thickness:**
- 5/8" (1.59 cm)

**Diameter:**
- 88" (282.52 cm)

**Mixing Capacity With 12" Extension:**
- 830 cu. ft. (23.5 cu. m)

**Tare Weight - TMR:**
- 50,000 lbs (22,679 kg)

**Gross Weight Capacity:**
- 200,000 lbs (90,718 kg)

**30" (76.2 cm) x 40" (101.6 cm) Side Wall Liner**
- 12 Gauge Replaceable Steel Wall Liner

**Left, Right or Both Rotor Access Doors for Easy Service & Maintenance:**
- Tractor cab.

**Change from feeding to bedding from the tractor cab.**

**Hydraulic deflector allows operator to easily:**
- Route sludge to either side of pen

**Dual 3 chain slat conveyor for rotating:**
- Trough to Trench

**Special Features:**
- Category II/III Quick-Tach Hitch
- Dual hydraulic butterfly slat doors
- 9" drilled augers

**Optional Equipment:**
- (2) HD Gear Boxes With 2-Year Warranty
- 550/80 R 22.5 20-ply tires

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### MODEL CMF-830

**Cat® Challenger 4WD Tractor:**
- **Engine:** 160 HP (120 kW)
- **Transmission:** 20 Speed Powershift
- **Weight:** 19,700 lbs (8,941 kg)
- **Length:** 25' 8" (7.82 m)
- **Tongue Weight:** 2,800 lbs (1,270 kg)
- **Safety Features:**
  - Bucket Guards
  - Left, Right or Both Slugs

**Cutter/Mixer/Feeder Vertical Mixer:**
- **Mixing Capacity With 12" Extension:** 1,850 cu. ft. (52.6 cu. m)

**Discharge Options:**
- 36" (91.44 cm) Chain With Hydraulic Orbital Motors
- Free Motion Automatic Clutches (2)

**Protection:**
- Digi-Star 4-Point Scale With Optional Digi-Star Scale Monitor

**Drive:**
- 44E Series Drivelines
- With Two-Speed Gearbox (Standard Equipment)
- 1 3/4" (4.45 cm) Constant Velocity 1,000 rpm PTO Shaft
- 9' bale chamber for handling the BIG

**Chassis:**
- Between 10' 6" and 12' 4", depending on conveyor
- 11' (3.35 m) Rear Commodity Door

**Discharge Height:**
- 43" (109.22 cm)

**FLOOR THICKNESS:**
- 1/4" (0.635 cm)

**SIDE WALL THICKNESS:**
- 14-5/16" (0.795 cm) thick Self-Sharpening

**Flighting Thickness:**
- 5/8" (1.59 cm)

**Diameter:**
- 96" (243.84 cm)

**Mixing Capacity With 12" Extension:**
- 1,850 cu. ft. (52.6 cu. m)

**Tare Weight - TMR:**
- 55,000 lbs (24,947 kg)

**Gross Weight Capacity:**
- 310,000 lbs (136,031 kg)

**30" (76.2 cm) x 40" (101.6 cm) Side Wall Liner**
- 12 Gauge Replaceable Steel Wall Liner

**Left, Right or Both Rotor Access Doors for Easy Service & Maintenance:**
- Tractor cab.

**Change from feeding to bedding from the tractor cab.**

**Hydraulic deflector allows operator to easily:**
- Route sludge to either side of pen

**Dual 3 chain slat conveyor for rotating:**
- Trough to Trench

**Special Features:**
- Category II/III Quick-Tach Hitch
- Dual hydraulic butterfly slat doors
- 9" drilled augers

**Optional Equipment:**
- (2) HD Gear Boxes With 2-Year Warranty
- 550/80 R 22.5 20-ply tires

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### MODEL CMF-980

**Cat® Challenger 4WD Tractor:**
- **Engine:** 200 HP (149 kW)
- **Transmission:** 20 Speed Powershift
- **Weight:** 24,000 lbs (10,890 kg)
- **Length:** 26' 8" (8.13 m)
- **Tongue Weight:** 2,100 lbs (952.5 kg)
- **Safety Features:**
  - Bucket Guards
  - Left, Right or Both Slugs

**Cutter/Mixer/Feeder Vertical Mixer:**
- **Mixing Capacity With 12" Extension:** 2,850 cu. ft. (80.9 cu. m)

**Discharge Options:**
- 36" (91.44 cm) Chain With Hydraulic Orbital Motors
- Free Motion Automatic Clutches (2)

**Protection:**
- Digi-Star 4-Point Scale With Optional Digi-Star Scale Monitor

**Drive:**
- 44E Series Drivelines
- With Two-Speed Gearbox (Standard Equipment)
- 1 3/4" (4.45 cm) Constant Velocity 1,000 rpm PTO Shaft
- 9' bale chamber for handling the BIG

**Chassis:**
- Between 10' 8" and 14', depending on conveyor
- 10' 8" (3.25 m) Wide Height

**Discharge Height:**
- 43" (109.22 cm)

**FLOOR THICKNESS:**
- 1/4" (0.635 cm)

**SIDE WALL THICKNESS:**
- 14-5/16" (0.795 cm) thick Self-Sharpening

**Flighting Thickness:**
- 5/8" (1.59 cm)

**Diameter:**
- 108" (274.32 cm)

**Mixing Capacity With 12" Extension:**
- 2,850 cu. ft. (80.9 cu. m)

**Tare Weight - TMR:**
- 50,000 lbs (22,679 kg)

**Gross Weight Capacity:**
- 360,000 lbs (163,281 kg)

**30" (76.2 cm) x 40" (101.6 cm) Side Wall Liner**
- 12 Gauge Replaceable Steel Wall Liner

**Left, Right or Both Rotor Access Doors for Easy Service & Maintenance:**
- Tractor cab.

**Change from feeding to bedding from the tractor cab.**

**Hydraulic deflector allows operator to easily:**
- Route sludge to either side of pen

**Dual 3 chain slat conveyor for rotating:**
- Trough to Trench

**Special Features:**
- Category II/III Quick-Tach Hitch
- Dual hydraulic butterfly slat doors
- 9" drilled augers

**Optional Equipment:**
- (2) HD Gear Boxes With 2-Year Warranty
- 550/80 R 22.5 20-ply tires