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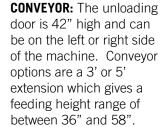
HAYBUSTER[®] STANDARD FEATURES

CMF-430 VERTICAL MIXER



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





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





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.

CV PTO OR OPTIONAL

4-POINT SCALE: 4-point scale for accurate weighing, with reduced scale bounce during loading and feeding













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.

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" heavyduty single auger with up to 7 selfsharpening serrated knives driven by an HD USA gearbox.

VERTICAL KNIVES: Adjustable vertical knives for more aggressive cutting.

OPTIONAL FEATURES

Magnets on chutes/spouts

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

Left or right door opening

Optional left or right door 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' conveyor has a feed range from 45" to 58".

• 2-speed gear box

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.

www.digi-star.com

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.



CMF-710 VERTICAL MIXER

HAYBUSTER[®] STANDARD FEATURES













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



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.



OSCILLATING AXLES: Oscillating Heavy Duty Axles with 4) 315/80 R 22.5 20-ply rated tires provide even weight distribution on uneven ground.

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 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 Gear Box

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 www.digi-star.com



HEAVY-DUTY FRAME: The CMF-710 is built with a heavy-duty 6" x 9" x ¹/₄" steel tube frame for strength and longevity.



CV PTO OR OPTIONAL 2-SPEED GEAR BOX:

The CMF-710 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.



CMF-830 VERTICAL MIXER

HAYBUSTER[®] STANDARD FEATURES

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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.

OSCILLATING AXLES: Oscillating Heavy Duty Axles with 4) 315/80 R 22.5 20-ply rated tires provide even weight distribution on uneven or frozen ground.

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 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 Gear Box

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 www.digi-star.com

HEAVY-DUTY FRAME: The CMF-830 is built with a heavy-duty 6" x 9" x ¹/₄" steel tube frame for strength and durability.



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.



CMF-980 VERTICAL MIXER

HAYBUSTER[®] STANDARD FEATURES

CMF-980

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HAYBUSTER











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

OSCILLATING AXLES: Oscillating Heavy

OPTIONAL FEATURES

Unloading Options

1.1

Cross Conveyor only 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.

- 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.

Digi-Star Scale

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



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



CV PTO WITH 2-SPEED GEAR BOX:

The CMF-980 comes equipped with a heavy-duty 1 ¾" constant velocity 1000 rpm PTO with a 2-speed gearbox. The 2-speed gearbox is needed for loaded startups and heavy rations.



CMF-1150 VERTICAL MIXER

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HAYBUSTER[®] STANDARD FEATURES











MIXING CAPACITY: The CMF-1150 has a 1150 cu. ft. mixing capacity with a tare weight of 33.000 lbs.

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



AUGERS: Heavy-duty 88" screw augers with 18-¹/₄" self-sharpening serrated knives, driven by 2 HD USA gearboxes.

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

OPTIONAL FEATURES

Unloading Options

1.1

Cross Conveyor only 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.

- Dogleg style conveyor also available
- Magnets on discharge spouts

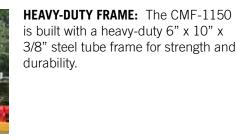
Magnets on the spouts remove ferrous metal, such as bale wire, from feed, providing the highest quality feed available.

• Rear discharge door

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

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-1150 comes equipped with a heavy-duty 1 ¾" constant velocity 1000 rpm PTO with a 2-speed gearbox. The 2-speed gearbox is needed for loaded startups and heavy rations.

THE HAYBUSTER ADVANTAGE

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.



DOGLEG CONVEYOR: The dogleg style conveyor hydraulically slides out 16" 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.



4-POINT SCALE: 4-point scale for accurate weighing, with reduced scale bounce during loading and feeding.





aggressive cutting.



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



DIGI-STAR 4-POINT SCALE WITH CHOICE OF OPTIONAL DIGI-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



OBSERVATION WINDOWS: The Haybuster CMF's have observation windows on the right and left sides of the machine.

FACTORY SPECIFICATIONS

MODEL CMF-430

Cutter/Mixer/Feeder Vertical Mixer

CAPACITIES:

Mixing Capacity With 12" Extension - 436 cu. ft. (12.35 cu. m) Gross Weight Capacity - 19,100 (8,663.6 kg) Tare Weight-TMR - 10,750 lbs (4,876.1 kg)

AUGERS:

Number - 1 Diameter -88" (223.52 cm) Flighting Thickness -5/8" (1.59 cm) Number/Thickness-Knives -7, 5/16" (0.3125) Self-Sharpening

DOOR OPENING: 24" (60.96 cm) X 42" (106.68 cm)

SIDE WALL THICKNESS: 1/4" (0.635 cm)

FLOOR THICKNESS:

5/8" (1.58 cm)

DRIVELINE AND GEAR BOXES:

1 3/8" (3.49 cm) Constant Velocity 540 rpm PTO Shaft Optional 2-Speed Gearbox Protection: Free Motion Automatic Clutches (1) (1) HD Gear Boxes With 2-Year Warranty

IINI OADING DOOR:

43" (109.22 cm) wide x 36" (91.44 cm) long Discharge Height - 30" (76.2 cm) Discharge Options - Left or Right

SCALE Digi-Star 4-Point Scale With Optional Monitor

WEIGHT: Total - 8120 lbs (3683.2 kgs) Tongue Weight - 960 lbs (435.4 kgs)

TRANSPORT DIMENSIONS:

Width - 10' 8" (3.25 m) Length - 16' 6" (5.03 m) Height - 9' 8" (2.95 m)

WORKING DIMENSIONS:

Loading Height With Extensions - 9' 8" (2.95 m) Width - Between 10' 8" and 14', depending on conveyor

Towing Arrangement - Clevis Type Hitch/Pintle Tires - (2) 14L-16.1-12 plv Wheels - (2) - 8 hole Axle - Rigid Bearings - Tapered Roller Jack Capacity - 7,000 lbs (3175.2 kg) 10" Travel Extensions - 12" Rubber

REQUIREMENTS FOR OPERATION-TRACTOR:

PTO Horsepower Required - 80 Minimum PTO Requirement - 540 rpm, 1 3/8" Dia. With 6 Spline Min. Hydraulic Output - 8 gpm at 1,500 psi (46 lpm x 10,345 kpa) SMV Sign and Road Lights - Standard Equipment Electrical - 12 VDC (Battery Included)

MODEL CMF-710

Cutter/Mixer/Feeder Vertical Mixer CAPACITIES-

Mixing Capacity With 12" Extension - 710 cu. ft. (20.1 cu. m) Gross Weight Capacity - 39,400 lbs (17,871,5 kg) Tare Weight - TMR - 18,340 lbs (8,318.88 kg)

AUGERS: Number - 2

Diameter - 76" (193 cm) Flighting Thickness - 5/8" (1.59 cm) Number/Thickness-Knives - 14 5/16" (0.794 cm)

DOOR OPENING: 30" (76.2 cm) x 40" (101.6 cm)

SIDE WALL THICKNESS: 1/4" (0.635 cm)

FLOOR THICKNESS 5/8" (1.58 cm)

OBSERVATION WINDOWS:

DRIVELINE AND GEAR BOXES

Drive line constant velocity 1000 rpm PTO, available in 1 3/4" (4.45 cm) or 1 3/8" (3.49 cm) Protection: Free Motion Automatic Clutches (2) (2) HD Gear Boxes With 2-Year Warranty

UNIOADING CONVEYOR-36" (91.44 cm) Chain With Hydraulic Orbital Motors Dogleg Option: 30" (76.2 cm) Discharge Options - Left, Right or Both

SCALE Digi-Star 4-Point Scale With Optional Monitor

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

TRANSPORT DIMENSIONS: Width - 10' 1 1/2" (3.086 m) Length - 22' 2 11/16" (6.774 m) Height - 10' 2 3/4" (3.118 m)

WORKING DIMENSIONS Loading Height With Extensions - 10' 2 3/4" (3.118 m) Width - Between 10' 2" and 12', depending on conveyor

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" Travel Extensions - 12" Rubber

REQUIREMENTS FOR OPERATION-TRACTOR:

PTO Horsepower Required - 125 Recommended Minimum HP PTO Requirement - 1000 rpm, 1 3/8" 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

MODEL CMF-830 Cutter/Mixer/Feeder Vertical Mixer

CAPACITIES-

Mixing Capacity With 12" 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" (282.52 cm) Flighting Thickness - 5/8" (1.59 cm) Number/Thickness-Knives - 14 1/4" (0.635 cm) Self Sharpening

DOOR OPENING:

24" (60.96 cm) X 42" (106.68 cm) SIDE WALL THICKNESS:

1/4" (0.635 cm)

FLOOR THICKNESS: 5/8" (1.58 cm)

OBSERVATION WINDOWS:

DRIVELINE AND GEAR BOXES:

1 3/4" (4.45 cm) Constant Velocity 1000 rpm PTO Shaft Optional Two-Speed Gear Box With 1 3/4" 1000 rpm PTO for Loaded Startups Protection: Free Motion Automatic Clutches (2) (2) HD Gear Boxes With 2-Year Warranty

UNLOADING CONVEYOR:

36" (91.44 cm) Chain With Hydraulic Orbital Motors Discharge Height - 26 5/8" (67.63 cm) to 55" (139.7 cm) Discharge Options - Left, Right or Both

Digi-Star 4-Point Scale With Optional Monitor

WEIGHT: Total - 17.900 lbs (8119.3 kg) Tongue Weight - 2,100 lbs (952.5 kg)

TRANSPORT DIMENSIONS Width - 10' 2" (3.1 m) Length - 24' 6 1/8" (7.47 m) Height - 10' 7 1/4" (3.23 m)

WORKING DIMENSIONS: Loading Height With Extensions - 9' 5" (2.86 m) Width - Between 10' 2" and 12', depending on conveyor

Towing Arrangement - Clevis Type Hitch Tires - (4) 315/80R22.5 20 ply Wheels - (4) 22.5x 9-10 Hole Axle -Oscillating Bearings - Tapered Roller Jack Capacity - 7.000 lbs (3175.2 kg) 10" Travel Extensions - 12" Rubber

REQUIREMENTS FOR OPERATION-TRACTOR:

PTO Horsepower Required - 150 Recommended Minimum HP PTO Requirement - 1000 rpm, 1 3/4" 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

MODEL CMF-980

Cutter/Mixer/Feeder- Vertical Mixer CAPACITIES:

Mixing Capacity With 12" Extension - 980 cu. ft. (32.56 cu. m) Gross Weight Capacity - 50,000 lbs (22,679,62 kg) Tare Weight - TMR - 30,900 lbs (14,016 kg)

AUGERS:

Number - 2 Diameter - 88" (282.52 cm) Flighting Thickness - 5/8" (1.59 cm)

DOOR OPENING

24" (60.96 cm) X 42" (106.68 cm) With Two Speed Gearbox (Standard Equipment)

SIDE WALL THICKNESS

1/4" (0.635 cm) With 24" (60.96 cm) 12 Gauge Replaceable Steel Wall Liner

FLOOR THICKNESS: 3/4" (1.91 cm)

OBSERVATION WINDOWS:

DRIVELINE AND GEAR BOXES

44E Series Drivelines With Two-Speed Gearbox (Standard Equipment) Protection: Free Motion Automatic Clutches (2) (2) HD Gear Boxes With 2-Year Warranty

UNIOADING CONVEYOR

Discharge Height - 26 5/8" (67.63 cm) to 55" (139.7 cm) Discharge Options - Left, Right or Both. Rear Commodity Door

Digi-Star 4-Point Scale With Optional Digi-Star Scale Monitor WEIGHT

Total - 19,100 lbs (8,663,61 kg) Tongue Weight - 2,480 lbs (1,270.06 kg)

TRANSPORT DIMENSIONS: Width - 10' 6" (3.2 m) Length - 25' 7" (7.8 m)

Height - 11' 2" (3.4 m) WORKING DIMENSIONS:

Loading Height - 11' 2" (3.40 m) Width - Between 10' 6" and 12' 4", depending on conveyor

CHASSIS-Towing Arrangement -V-Block or Clevis Type Hitch Wheels - (4) 385/65 R 22.5 20-ply Axle -Oscillating Bearings - Tapered Roller Jack Capacity - 7,000 lbs (3175.2kg) 10" Travel Extensions - 12" Rubber (standard)

REQUIREMENTS FOR OPERATION-TRACTOR:

PTO Horsepower Required - 150 Recommended Minimum HP

1,000 rpm, 1 3/8" Dia with 21 Spline Electrical - 12 VDC (Battery Included) SMV Sign and Road Lights - Standard Equipment

Number/Thickness-Knives - 14-5/16" (0.795 cm) thick Self-Sharpening

36" (91.44 cm) Chain Without Hydraulic Orbital Motors

PTO Requirement - 1.000 rpm. 1 3/4" Dia with 20 Spline

MODEL CMF-1150

Cutter/Mixer/Feeder- Vertical Mixer CAPACITIES-

Mixing Capacity With 12" Extension - 1,150 cu. ft. (32.56 cu. m) Gross Weight Capacity - 55,000 lbs (24,947 kg) Tare Weight - TMR - 33,000 lbs (15,331.42 kg)

AUGERS: Number - 2

Diameter - 88" (282.52 cm) Flighting Thickness - 5/8" (1.59 cm) Number/Thickness-Knives - 18-1/4" (0.635 cm) Self Sharpening

DOOR OPENING: 24" (60.96 cm) X 42" (106.68 cm)

With Two Speed Gearbox (Standard Equipment) SIDE WALL THICKNESS:

1/4" (0.635 cm) With 24" (60.96 cm) 12 Gauge Replaceable Steel Wall Liner

FLOOR THICKNESS: 3/4" (1.91 cm)

OBSERVATION WINDOWS

DRIVELINE AND GEAR BOXES:

1 3/4" (4.45 cm) Constant Velocity 1.000 rpm PTO Shaft With Two-Speed Gearbox (Standard Equipment) Protection: Free Motion Automatic Clutches (2) (2) HD Gear Boxes With 2-Year Warranty

UNLOADING CONVEYOR:

36" (91.44 cm) Chain Without Hydraulic Orbital Motors Discharge Height - 26 5/8" (67.63 cm) to 55" (139.7 cm) Discharge Options - Left, Right or Both. Rear Commodity Door

Digi-Star 4-Point Scale With Optional Digi-Star Scale Monitor WEIGH.

Total - 21,200 lbs (9,616,16 kg) Tongue Weight - 2,800 lbs (1,270.06 kg)

TRANSPORT DIMENSIONS: Width - 11' (3.35 m) Length - 25' 8" (7.82 m) Height - 12' 10" (3.91 m)

WORKING DIMENSIONS:

Loading Height - 12' 10" (3.91 m) Width - Between 10' 10" and 13', depending on conveyor

Towing Arrangement -V-Block or Clevis Type Hitch Wheels - (4) 22.5x 9"-10 Hole Axle -Oscillating Bearings - Tapered Roller Jack Capacity - 7,000 lbs (3175.2kg) 10" Travel Extensions - 12" Rubber (standard)

REQUIREMENTS FOR OPERATION-TRACTOR:

PTO Horsepower Required - 150 Recommended Minimum HP PTO Requirement - 1.000 rpm. 1 3/4" Dia With 20 Spline Electrical - 12 VDC (Battery Included) SMV Sign and Road Lights - Standard Equipment



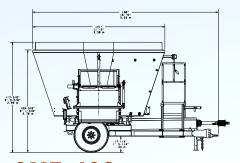




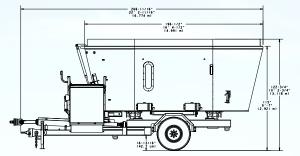




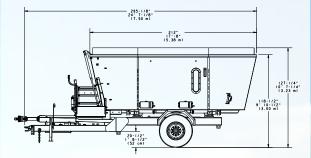
MECHANICAL DRAWINGS



CMF-430

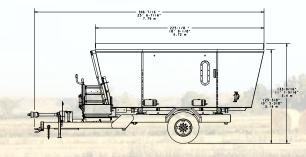


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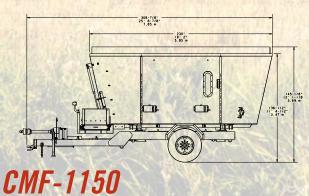


CMF-830

THE REAL PROPERTY AND ADDRESS



CMF-980





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DURATECH INDUSTRIES

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