



ENVIRONMENTAL EQUIPMENT
TEREX ARBORIST CHIPPER (TAC)
PRODUCT GUIDE



WORKS FOR YOU.



**Durable,
Dependable,
Delivers**



Welcome

Terex® is an industry leader in the design and manufacture of hand fed towable arborist chippers. Terex offers a comprehensive range of hand fed chippers to the arborist, land clearing, utility, recycling, rental and biomass markets.

The range of innovative machines are manufactured to provide efficient production, low operational costs and optimal serviceability. Terex products offer reliable and operator friendly solutions for any project.

Supported by a distributor network, Terex offers the complete support package for your waste production needs which includes dedicated engineering, sales and customer support teams.

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Customer Support & Maintenance

CUSTOMER SUPPORT

We work with our customers to understand their equipment needs to select the product most suited to their business requirements. Terex customer support incorporates a range of services including parts, technical support, warranty and financial services.



PARTS

We stock a full range of genuine Terex parts through our global support locations and dealer network. We are committed to getting the right parts delivered at the right time. Using genuine Terex parts ensures optimum performance and reliability .

TECHNICAL SUPPORT

Terex provide highly qualified service personnel to ensure that we have the ability to provide technical support when our customers need it. This support is provided in conjunction with our dealer network. We ensure our customers are supported throughout the lifecycle of their machine. Terex works for you.

WARRANTY

Terex warrants its new equipment to be free of defects in material or manufacture for a specified period from the date the equipment is first used.

TEREX FINANCIAL SERVICES

Terex Financial Services can help meet your equipment needs by managing your financial requirements through a variety of customized financing solutions. For more information please contact:

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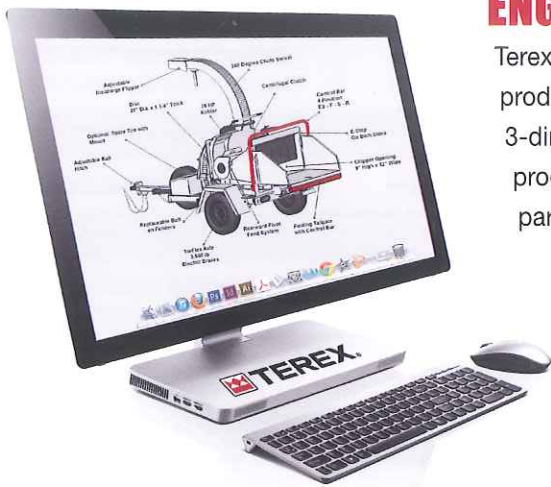


To find out more about the Terex product range and our customer support visit our website at www.terex.com/environmental-equipment

Manufacturing and Quality

All Terex® products are designed for the rigors of daily use and are built with solid steel components, fewer moving parts with simple, clean, high-quality hydraulic systems.

Terex achieves this through four steps: **Engineering, Production, Paint and Final Assembly.**



ENGINEERING

Terex began the manufacturing process using customer input to fabricate a product that would be successful throughout the industry. Today we use innovative 3-dimensional computer drawings to enhance the precision and accuracy of our products. Engineering continues to focus on simple designs and fewer moving parts. We value operator feedback and welcome comments to assist us in meeting the needs & desires of our customers.

PAINT

The base unit and all separate components are powder coat painted prior to assembly. This ensures that all the chippers are completely and evenly coated.

PRODUCTION

Since Terex chippers are built from solid steel plates, production in our manufacturing facility begins with computer cut components. The frames and components are then individually fixture built. Once each is complete, they are fitted together and welded in place. Before proceeding to the next stage, all units go through a rigorous quality procedure and are checked and inspected.

FINAL ASSEMBLY

Components such as the drum, feed wheel, drives and hydraulics are then installed. The power unit is placed onto the frame, the unit is then tested running, and pressures and tolerances are set.



TEREX ARBORIST PRO

TAC700 FEATURES

24" D X 1 1/4" thick disk
6" H x 6" W chipper opening
2 full knife pockets
Autofeed governor
Adjustable tongue
360° handcrank swivel discharge
2,000 lb. swivel jack

TAC710 FEATURES

37" D X 1 1/4" thick disk
9" H x 12" W chipper opening
2 full knife pockets
Autofeed governor
Adjustable tongue
360° handcrank swivel discharge
2,000 lb. swivel jack

TAC720 FEATURES

18" W x 24" D drum
13" H x 18" W chipper opening
Full knife pocket drum
Autofeed governor
Programmable Reverse
Adjustable tongue
Forestry Style Discharge Chute
7,000 lb drop leg jack

TAC730 FEATURES

18" W X 24" D drum
13" h x 18" w chipper opening
Full knife pocket drum
Autofeed governor
Programmable Reverse
Adjustable tongue
360° handcrank swivel discharge
10,000 lb. drop jack leg
Hydraulic lift & crush

SPECIFICATIONS

Length: 130"
Width: 53.5"
Height: 94"
Weight: 1,925 lbs.
Transport Length: 103"
Disk Speed: 568 rpm
Hitch Type: 2" Ball Coupler
Gross Engine Power: 27 hp
Eng. Options: Kohler

SPECIFICATIONS

Length: 161 5/16"
Width: 63 5/16"
Height: 92 13/16"
Weight: 2,800 lbs.
Transport Length: 136 5/16"
Disk Speed: 1,132 rpm
Hitch Type: 2" Ball Coupler
Gross Engine Power: 38 hp
Eng. Options: Kohler

SPECIFICATIONS

Length: 205 3/4"
Width: 74 3/16"
Height: 100 5/16"
Weight: 5,200 lbs.
Transport Length: 183 3/4"
Drum Speed: 1,673.75
Hitch Type: 2 1/2" pintle
Gross Engine Power: 74.5 hp
Eng. Options: Kubota

SPECIFICATIONS

Length: 204"
Width: 74"
Height: 105"
Weight: 5,200 lbs.
Transport Length: 176"
Drum Speed: 1,700 rpm
Hitch Type: Pintel
Gross Eng. Power: 74.5 hp
Eng. Options: Kubota



DUCT LINE OVERVIEW

TAC750 FEATURES

24" W X 37" D drum
16" H x 24" W chipper opening
Full knife pocket drum
Autofeed governor
Programmable Reverse
Adjustable tongue
360° handcrank swivel discharge
10,000 lb. drop jack leg
Hydraulic lift & crush

TAC770 FEATURES

24" W X 37" D drum
19" H x 24" W chipper opening
Full knife pocket drum
Autofeed governor
Programmable Reverse
Adjustable tongue
360° handcrank swivel discharge
10,000 lb. drop jack leg
Hydraulic lift & crush

TAC790 FEATURES

36" W X 37" D drum
21" H x 36" W chipper opening
Full knife pocket drum
Autofeed governor
Programmable Reverse
Telescoping tongue
360° hydraulic crank
10,000 lb. drop jack leg
Hydraulic lift & crush

SPECIFICATIONS

Length: 227"
Width: 72"
Height: 106"
Weight: 7,200 lbs.
Transport Length: 203"
Drum Speed: 1,322 rpm
Hitch Type: Pintel
Gross Eng. Power: 140-160 hp
Eng. Options: J. Deere, Cummins

SPECIFICATIONS

Length: 231"
Width: 94"
Height: 212"
Weight: 9,000 lbs.
Transport Length: 206"
Drum Speed: 1,280 rpm
Hitch Type: Pintel
Gross Eng. Power: 173 hp
Eng. Options: J. Deere

SPECIFICATIONS

Length: 250"
Width: 101 1/2"
Height: 133"
Weight: 12,000 lbs.
Transport Length: 250"
Drum Speed: 1,280 rpm
Hitch Type: Pintel
Gross Eng. Power: 250-375 hp
Eng. Options: Caterpillar, J. Deere



TEREX® Arborist Chipper Features

REAR PIVOTING FEED SYSTEM

The extraordinary design of this feed system uses mechanical leverage to provide unlimited down pressure on the feed roller. This down pressure system allows the feed wheel to utilize optimum torque, which in turn prevents the teeth from slipping on the material. This results in a more successful feed and allows Terex to use a single feed wheel to efficiently and effectively feed all types of material.

FEED WHEEL ASSIST CYLINDER

This is a great feature that is standard on all Terex chippers. Our hydraulic lift cylinder is designed to use down pressure to break limbs and crotches. It has lifting power to assist operators when feeding large diameter, short pieces of wood. The feed wheel lift handles are located on both sides of the infeed, making this component easily accessible and operator friendly. This is standard on the TAC 720 - TAC 790.

BOTTOM DROP DOOR

Our bottom drop door is in place to make interior inspection easier for owners and operators. This door increases safety when working on the machine by providing easy access to the chipper anvil. The anvil, can be easily adjusted and is standard on the TAC 720 - TAC 790.

DISCHARGE CHUTE INSPECTION DOOR

This door allows the operator convenient access to the discharge chute, making inspection and debris removal easier by one person and, as a safety feature, does not require that you enter the chipper feed area. This is standard on the TAC 720 - TAC 790.

MAIN FRAME

Terex chippers are solidly mounted on tubular steel frames for extra strength. The frame rails extend underneath the feed tables, giving additional support in the area of the chipper where the majority of work takes place.

BATTERY COMPARTMENT

Our lockable battery compartment is conveniently located for access. This makes any necessary maintenance faster.

O-RING FACE SEAL HOSES

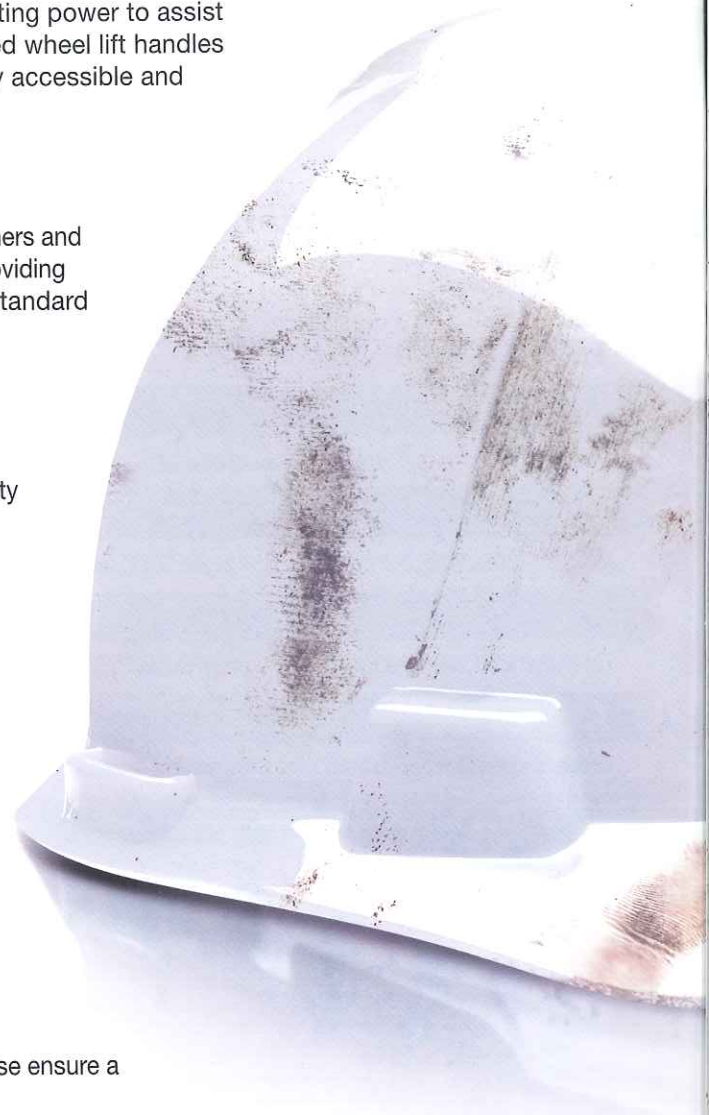
Terex uses a hydraulic system which includes O-ring face seal hoses. These ensure a clean, leak-free hydraulic system.

DOUBLE ENDED PIGTAIL

We use a double ended pigtail to connect the chipper brakes and lights to your vehicle. Where the old style wiring required that the entire assembly be replaced when damaged, the double ended pigtail makes repair more convenient if there is damage done to the wire lead. This system only requires a simple plug and replacement instead of completely rewiring the assembly.

DOUBLE SPHERICAL ROLLER BEARING

Terex chippers use a large, double spherical roller bearing, which attaches to the shaft by use of a taper locking adapter sleeve. This ensures a good fit 360 degrees around the shaft, versus the set screw style that locks tight against the shaft in only two places.



FEED WHEEL DRIVE

The chipper feed wheel is controlled by a drive motor on either side, thus eliminating the need for a variety of bearings, bushings, chains, and sprockets. This simplified design means fewer parts replacements and less maintenance for the operator.

FUEL AND HYDRAULIC TANK

All fuel and hydraulic tanks on Terex chippers are equipped with lockable filler caps and sight gauges.

YOKE LOCK

These manual locks are used to hold the yoke in place. They can be used to assist in cleaning the infeed area.

HEIGHT ADJUSTABLE DISCHARGE CHUTE

The discharge chute on all Terex chippers can be easily adjusted at three different settings. This is a convenient feature which allows the chips to discharge at the proper height of the operator's trailer. This is standard on the TAC 720 - TAC 790.

AUTO FEED SPEED GOVERNOR

The auto feed speed governor monitors engine RPMs and activates when the RPMs fall below recommended engine operating levels while chipping large diameter wood. This feature will momentarily stop the feed wheel from pulling material into the chipper until the engine RPM's regain proper levels. It then restarts the feed wheel once proper operating levels are reached. The auto feed speed governor is standard on our Models 700, 710, 720 chippers. The auto feed SUPREME (reversing) is standard on all units from the TAC 730 - TAC 790.

PLUG -AND-PLAY ELECTRICAL SYSTEM

Terex uses plug-and-play technology on all our chippers that not only reflects a very clean appearance, but simplifies maintenance as well.

WIDE FEED WHEELS

Our feed wheel is the same width as the chipper infeed throat. This feature not only provides a smooth feed, but enables utilization of the full knife pocket cutting system. Our seamless transition from feed to cutting system is best in class.

FULL KNIFE POCKET

The knife pockets on Terex Chippers extend the full width of the drum. This feature provides a complete cut of the material as it is being fed through the chipper. Our full knife cutting system is very effective with fibrous material and creates a fine consistent end product valuable to fuel and mulch markets. This is standard on the TAC 720 - TAC 790.

RUBBER INFEEED CURTAIN

Terex hand-fed chippers come standard with a protective rubber infeed curtain located in front of the feed system.

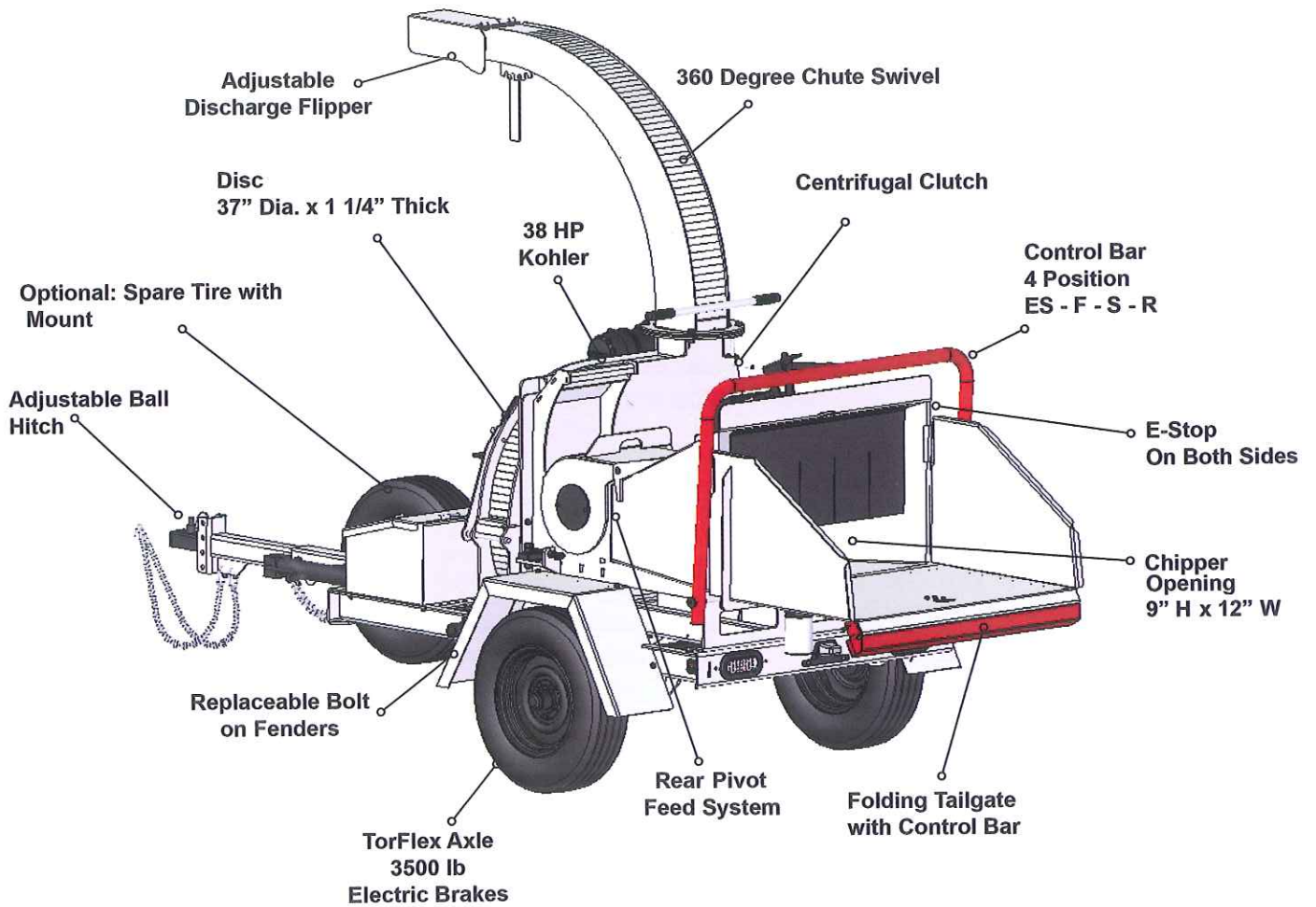
HYDRAULIC SYSTEM

Our hydraulic system features live hydraulics that allow you to operate your hydraulic features without the clutch being engaged on the engine. This is standard on the 720, 730, 750, 770, and 790 Models.



TAC700

6" High x 6" Wide Capacity Towable Disc Chipper, with Hydraulic Feed Roll, and Top Discharge



TAC700



FEATURES

24" Diameter x 1 1/4" thick disc

6" high by 6" wide chipper opening

2 full knife pockets

Autofeed governor

Fixed Tongue

360 degree swivel discharge

LED tail-lights

2,000 lb. swivel jack

SPECIFICATIONS

Length: 130"

Width: 53.5"

Height: 94"

Discharge Height: 92"

Operating weight of 1,925 lbs

Infeed opening: 6" x 6" (15cm x 15cm)

Feed table height: 33" (66 cm)

Disc speed: 568 rpm

Knives: Two sided 5/8" x 4" x 7 3/16"

Hitch type: 1-7/8" - 2" (5.08 cm) adjustable coupler

Fuel tank: 8 gal (30 L)

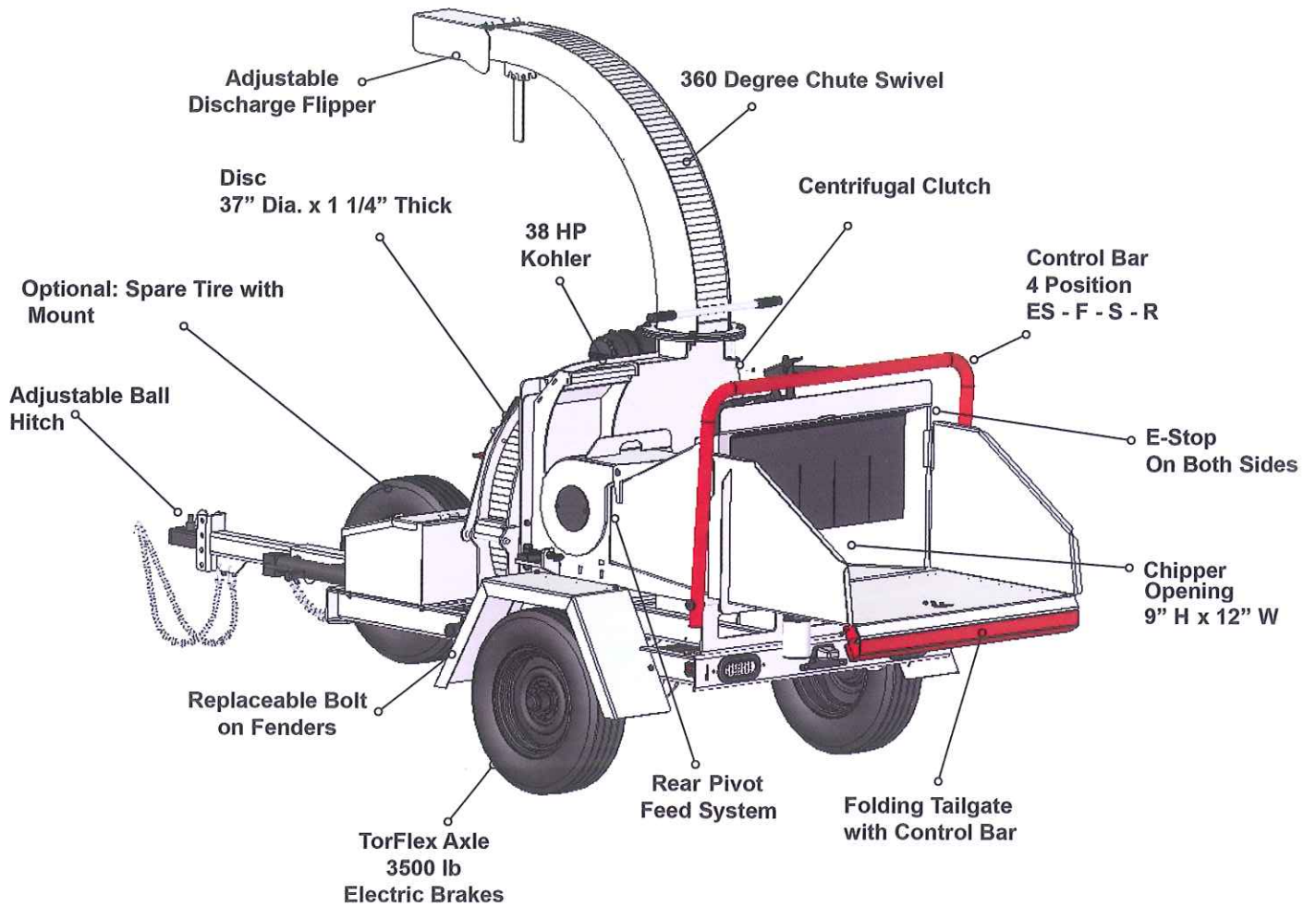
Fuel: gas

Gross engine power: 27 hp Kohler

Wheels: 8" x 7" (20 cm x 18 cm) - 5 bolt hub

TAC710

9" High x 12" Wide Capacity Towable Disc Chipper, with Hydraulic Feed Roll, and Top Discharge



TAC710



FEATURES

37" Diameter x 1 1/4" thick disc with 2 full pockets

9" high by 12" wide chipper opening

Autofeed governor

360 degree swivel discharge

LED tail-lights

2,000 lb. swivel jack

SPECIFICATIONS

Length: 161-5/16"

Width: 63-5/16"

Height: 92-13/16"

Discharge Height: 93"

Weight: 2,800 lbs

Disk: 37" dia. x 1.25" thick

Disk Speed: 1,132 rpm

Knives: (4) single sided 3/8" x 4" x 7-3/16"

Hitch Type: 1-7/8" - 2" (5.08 cm) adjustable coupler

Fuel Tank: 10 gal

Hydraulic system relief: 2,500 psi

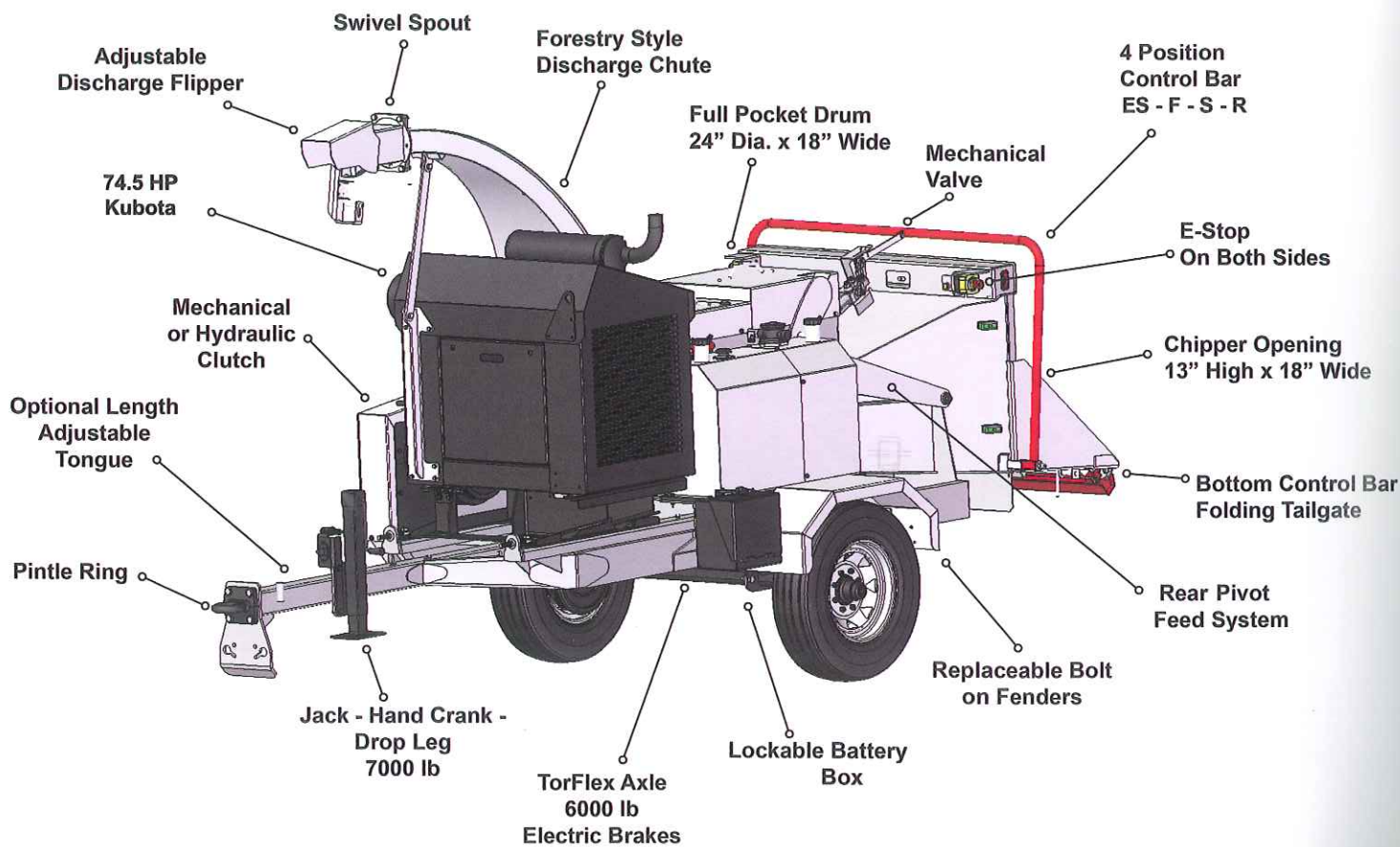
Gear pump hydraulic system with mechanical valving

185/80R x14 tires

Engine: 28 hp Kohler Command Pro 38

TAC720

13" High x 18" Wide Capacity Towable Drum Chipper, Autofeed Governor, Top Discharge





FEATURES

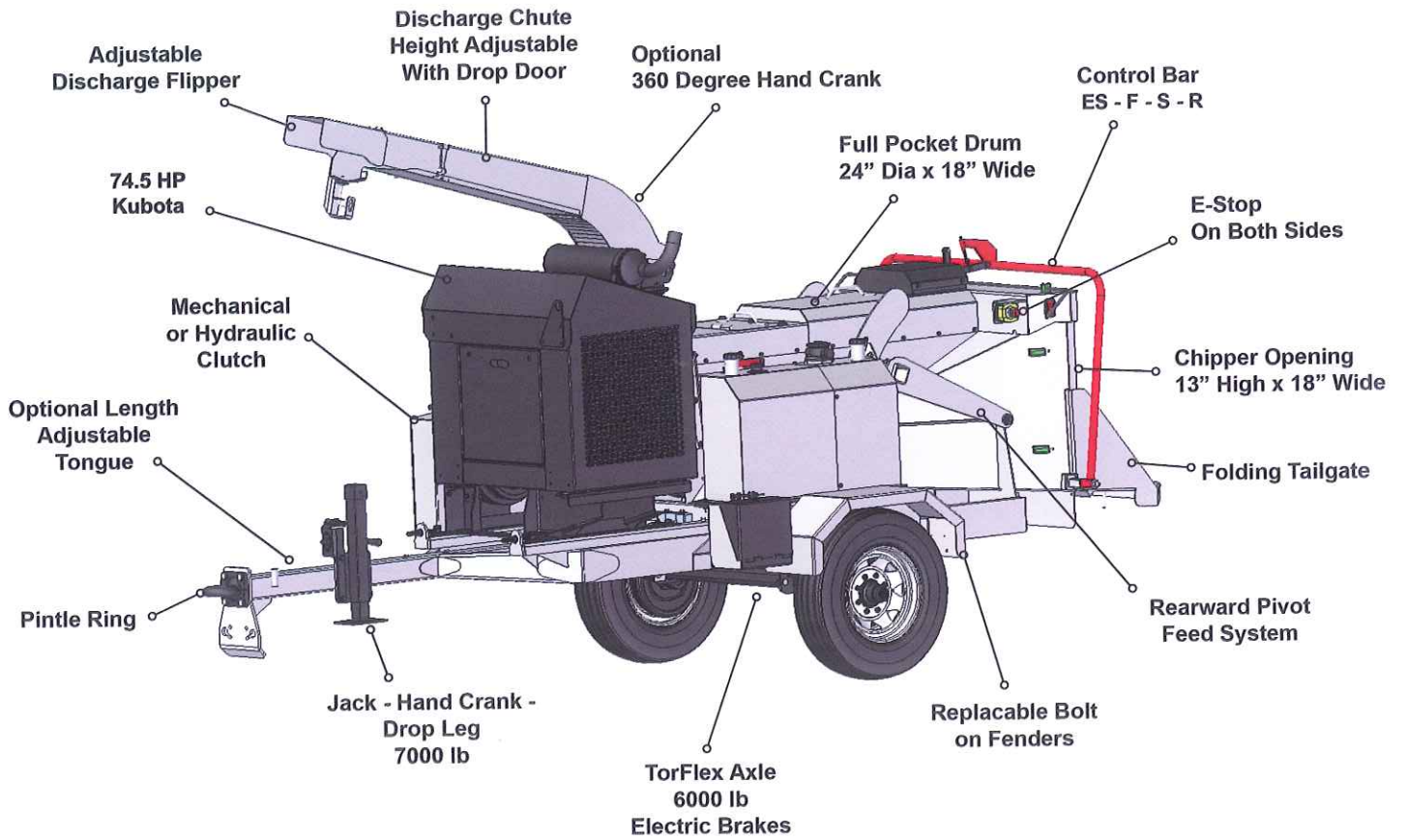
- 18" Wide x 24" Diameter full pocket cutting drum
- 13" high x 18" wide drum chipper opening
- Programmable Autofeed governor
- Adjustable Tongue
- Forestry style discharge chute
- 7,000 lb. drop leg jack

SPECIFICATIONS

- Length: 205 3/4"
- Width: 74 3/16"
- Height: 100 5/16"
- Discharge Height: 98 1/4"
- Operating weight of 5,200 lbs
- Infeed opening: 13" high x 18" wide drum
- Transport Length: 183 3/4"
- Drum speed: 1,673.75 rpm
- Knives: Two sided 5/8" x 4" x 7 3/16"
- Hitch type: 2 1/2" pintle
- Fuel tank: 19 gal
- Fuel: Diesel
- Gross engine power: 74.5 hp
- Engine Options: Kubota

TAC730

13" High x 18" Wide Capacity Towable Drum Chipper, Reverse Auto Feed Governor, Top Discharge



TAC730



FEATURES

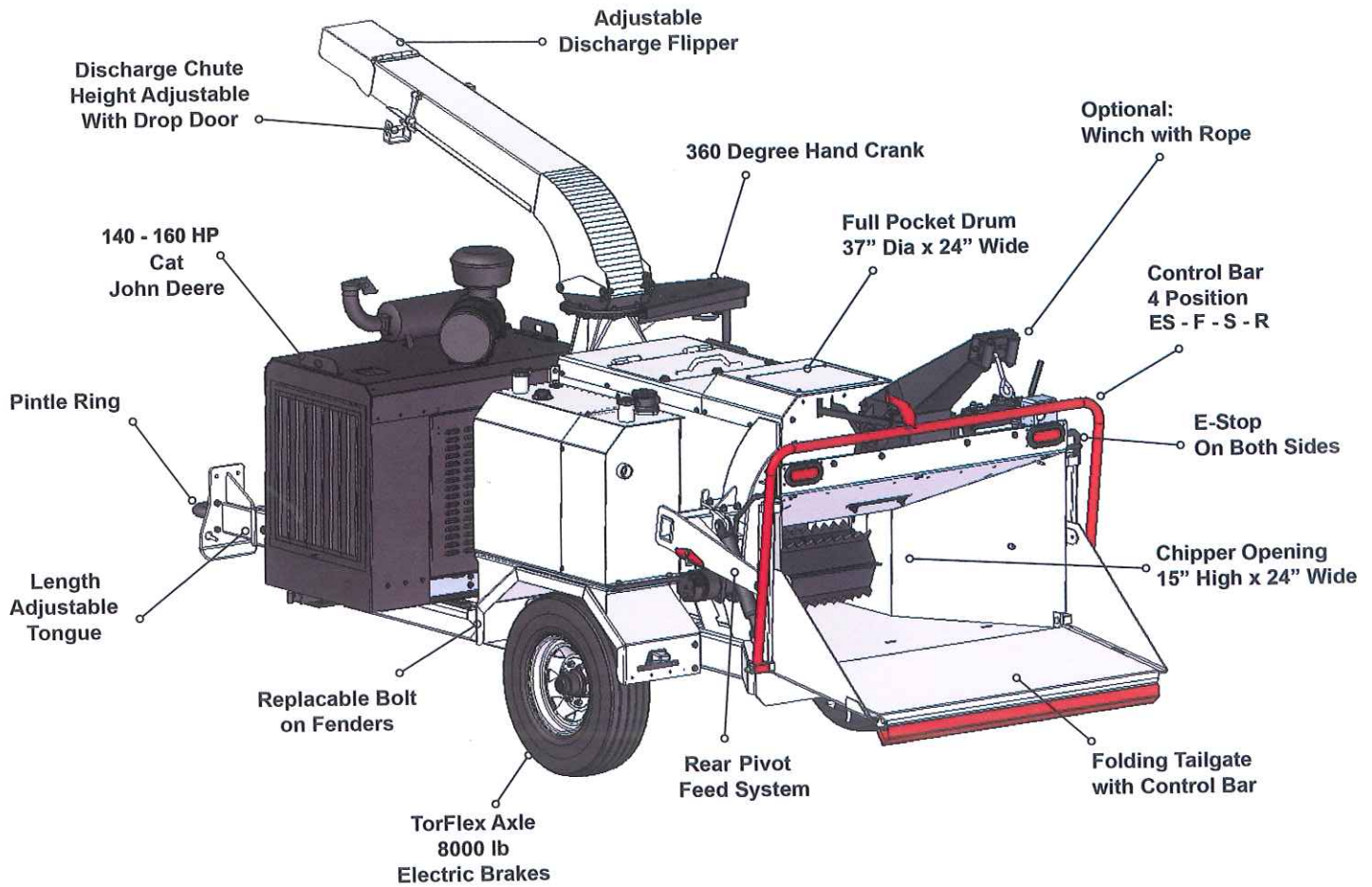
- 13" high x 18" wide drum chipper opening
- 18" wide by 24" diameter full pocket knife drum
- Programmable reverse auto feed governor
- Hydraulic lift and crush on feed wheel
- 360 degree discharge chute pivot lock
- 10,000 lbs. drop leg jack

SPECIFICATIONS

- Length: 204"
- Width: 74"
- Height: 105"
- Weight: 5,200 lbs
- Full pocket knife drum
- Emergency stops on infeed sides
- 3 bolt access door
- Vandal protection package – lockable instrument cover
- 3 position height adjustable chute
- Gross Engine Power: 74.5 hp
- Engine options: Kubota

TAC750

16" High x 24" Wide Capacity Towable Drum Chipper, Hydraulic Feed Roll, Top Discharge



TAC750



FEATURES

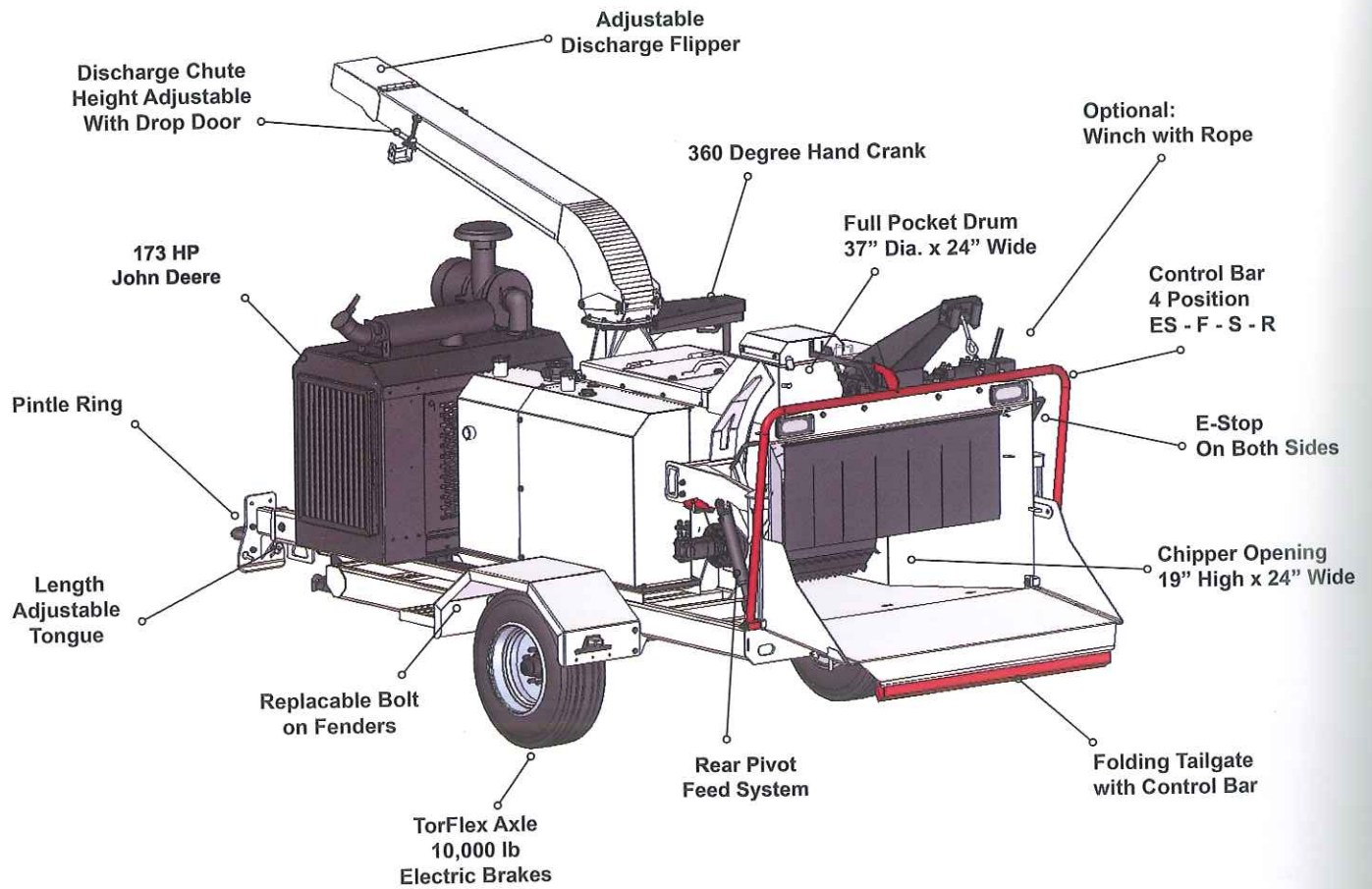
- 16" high by 24" wide drum chipper opening
- 24" wide by 37" diameter full pocket cutting drum
- Programmable reverse auto feed governor
- Hydraulic lift and crush on feed wheel
- 360 degree discharge chute pivot lock
- 10,000 lbs. drop leg jack

SPECIFICATIONS

- Length: 227"
- Width: 72"
- Height: 106"
- Weight: 7,200 lbs
- Emergency stops on infeed sides
- 3 bolt access door
- Vandal protection package – lockable instrument cover
- 3 position height adjustable chute
- Gross engine power: 140-160 hp
- Engine options: Caterpillar, Cummins

TAC770

19" High x 24" Wide Capacity Towable Drum Chipper, Hydraulic Feed Roll, Top Discharge



TAC770



FEATURES

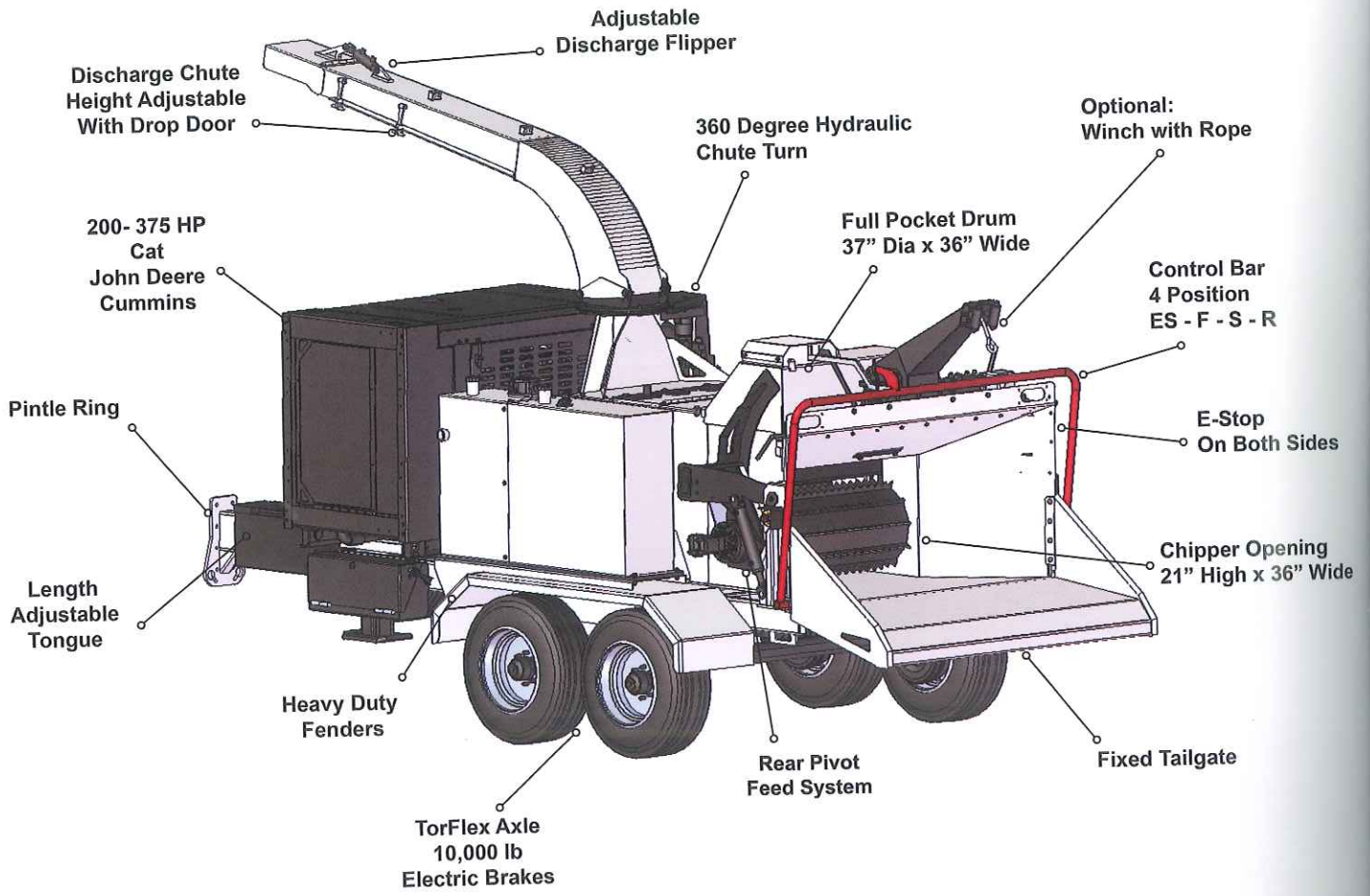
19" high by 24" wide drum chipper opening
24" wide by 37" diameter full pocket cutting drum
Programmable reverse auto feed governor
Hydraulic lift and crush on feed wheel
Telescoping tongue
360 degree discharge chute pivot lock
10,000 lbs. drop leg jack

SPECIFICATIONS

Length: 231"
Width: 94"
Height: 112"
Transport length: 206"
Weight: 9,000 lbs (estimated)
3 bolt access door
Vandal protection package – lockable instrument cover
3 position height adjustable chute
Gross engine power: 173 hp
Engine options: John Deere
Emergency stops on infeed sides

TAC790

21" High x 36" Wide Capacity Towable Drum Chipper, Hydraulic Feed Roll, Top Discharge



TAC790



FEATURES

- 21" high by 36" wide drum chipper opening
- 36" wide by 37" diameter full pocket cutting drum
- Programmable reverse auto feed governor
- Hydraulic lift and crush on feed wheel
- Telescoping tongue
- 360 degree hydraulic discharge
- 10,000 lbs. drop leg jack

SPECIFICATIONS

- Length: 250"
- Width: 101-1/2"
- Height: 133"
- Transport Length: 250"
- Weight: 12,000 lbs (estimated)
- Tandem axles
- 3 bolt access door
- Vandal protection package – lockable instrument cover
- 3 position height adjustable chute
- Gross engine power: 250-375 hp
- Engine options: Caterpillar, John Deere



ENVIRONMENTAL EQUIPMENT

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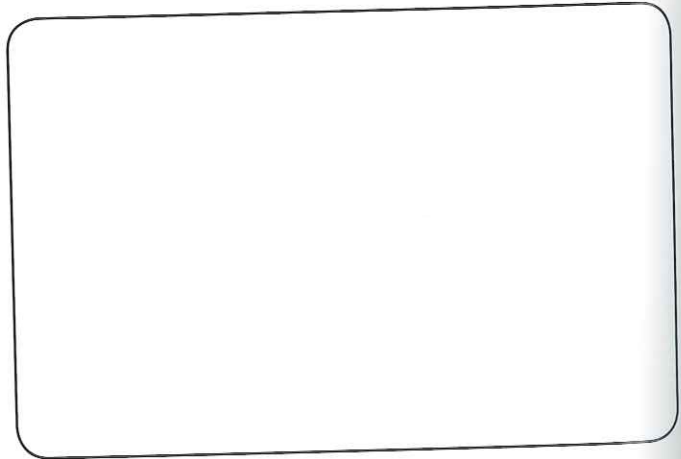
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