



## Equipment for today's global economy.

**Times change. Markets shift. Prices rise and fall.** In an unstable economy, one thing remains the same. *When you buy Bandit, you buy the best.* For twenty-five years, we've been committed to producing quality products for the tree care, forestry, and waste reduction markets. All of our products are built according to customer specifications and with the highest quality and craftsmanship. For this reason, Bandit equipment yields one of the highest re-sale values on the market.

We are proud to be a leader in the worldwide biomass energy market. We are avid supporters of renewable energy initiatives, and strive to provide equipment that can help reduce our dependence on fossil fuels, while reducing carbon emissions and stimulating our global economy. Biomass can easily supply 10% of the world energy needs, and we are committed to helping reach that goal.

## Welcome to the Bandit network.

We are proud to offer our line of chippers, grinders and recyclers to all the corners of the world. When you buy Bandit, you gain instant access to the most dedicated, committed network of dealers worldwide. Thanks to our network of over 170 dealer locations, we are able to stand by ready to assist with all your chipper and grinder needs. So remember, when you're making your purchasing decision, don't settle for anything less. **Choose Bandit. Choose the best.**

GROFF TRACTOR & EQUIPMENT // 6779 CARLISLE PIKE // MECHANICSBURG, PA 17050 // PH. 1-800-334-7633 // 1-717-766-7671 // MYGROFF@GROFFTRACTOR.COM // HTTP://WWW.GROFFTRACTOR.COM



**Mixed Sources**  
Product group from well-managed forests, controlled sources and recycled wood or fibre  
[www.fsc.org](http://www.fsc.org) Cert no. SW-COC-001530  
© 1996 Forest Stewardship Council



### Partnerships for the future.

Bandit is committed to being a leader in the tree care and waste reduction industries. By forming partnerships with other dedicated organizations and dealer networks, Bandit provides a wealth of knowledge, innovation and support to their customers.

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All specifications, dimensions, standards and options are subject to change without notice. Dimensions and weights may vary, depending on options and engines selected. Bandit Industries, Inc. reserves the right to change designs, specifications and options without prior notice. All figures shown in technical data were current at the time of printing. However, these can change as a result of further product development. Please contact Bandit Industries, Inc. for more information.



# Beast® Recycler Catalog



# ***Bandit***

- Model 1680 
- Model 2680 
- Model 3680 
- Model 4680 



**EQUIPMENT:** Model 3680  
**APPLICATION:** Grinding logging slash

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## FOUR MACHINES... SO MANY POSSIBLE APPLICATIONS!

Beast® Recyclers process an amazing array of materials, such as stumps; logs; brush; wet leaves; whole trees; landscape waste; pallets; railroad ties; telephone poles; housing demolition; sawmill, logging, chip mill and paper mill waste; plastic materials, including plastic car parts and European-style refrigerators; lime cake; shingles; and more!

The most important benefit of the Beast is the quality and uniformity of the end product. Breaking down materials by cutting, splitting, grinding, and now also by chipping provides a multitude of options for producing a desired end product.

Various tooth options, screens of almost any size or shape, and the ability to change the infeed conveyor's feed speed allows you to produce material uniform in size and consistency to bring top dollar.

Tool options controlling the cut enable the Beast to deliver the best mulch products, the most uniform raw material for pressed board, the most acceptable boiler fuel, and the best hot mix asphalt supplement from shingles.

*For detailed information on any model, please contact Bandit Industries, Inc. or your local Bandit dealer for a specific product brochure.*



### PRODUCT LINE-UP

Overview of our four different sizes of Beast Recyclers:

Model 1680  
Model 2680  
Model 3680  
Model 4680

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### APPLICATIONS

Our Beast Recyclers are some of the most versatile grinders on the market. Learn more about the Beast in chipping applications, shingle grinding applications, composting, and more!

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### FEATURES & OPTIONS

The Beast can be equipped with a number of features and options such as track undercarriage, mulch coloring attachment, or built with an electric power unit.

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24" WIDE OPENING

MODEL 1680





# Model 1680

## It's one tough 'Son of a Beast'

The Model 1680 Beast Recycler is the ideal machine for small land clearing operations, municipalities, and tree services looking for an efficient way to dispose of brush and limbs on site. This smaller version of our original Beast Recycler is no toy – it's been known to process railroad ties, pallets, and Australian hardwoods with ease! Imagine the quick work it would make out of your limbs, brush, and tree tops.

24" WIDE OPENING

### Model 1680

#### DESCRIPTION



**Model 1680.** This powerful, compact unit has found its place in numerous applications, ranging from regrinding chips, bark, and other urban tree waste into mulch to breaking down pallets, railroad ties, slab wood, and other wood residues. A tether radio remote control comes standard, allowing the operator to control the unit from a remote location. A radio remote is also available as an option so that the operator can control all grinding functions from a loader or other remote location. Engine options range from 170- to 325-horsepower.

#### MODEL 1680

#### STANDARD METRIC

Capacity .....	16" .....	40.64 cm
Opening .....	24" x 52" .....	61 x 132 cm
Engine .....	170 - 325 hp .....	127 - 242 kW
Length .....	31' 9" .....	968 cm
Width .....	8' .....	244 cm
Height .....	11' 7" .....	353 cm
Weight .....	25,000 lbs. ....	11,399 kg
Fuel Tank .....	50 gallons .....	189 L
Hydraulic Tank .....	60 gallons .....	227 L
Discharge Conveyor ..	15' x 48" .....	457 x 122 cm
Infeed Conveyor .....	10' x 52" .....	305 x 132 cm

Reach farther: Now available with optional height adjustable  
**30-foot discharge.**



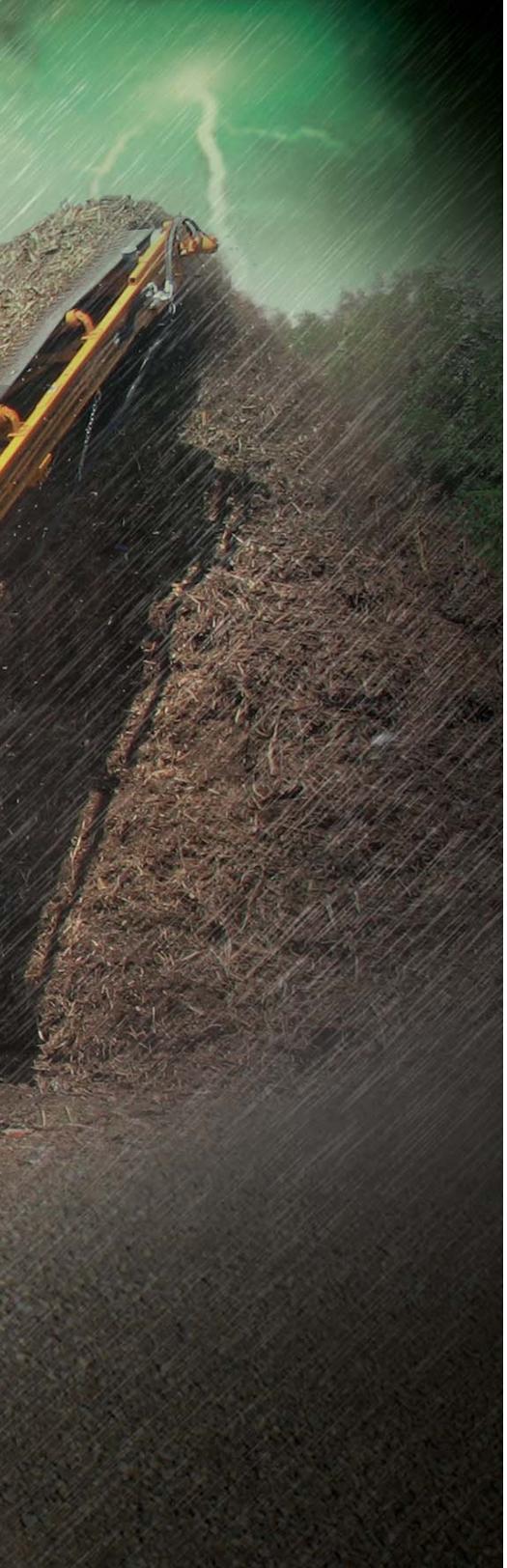
\*10-foot discharge is standard.

Easily fill top-loading chip vans with an optional 30-foot discharge conveyor. Also allows you to create larger piles of material, and spend less time repositioning the grinder.

Call today to learn about this money-saving option!

1-800-334-7633





# Model 2680

**This Beast<sup>®</sup> can weather any storm.**

This rugged mid-sized grinder features the same cuttermill found on our Model 3680. The large opening into the recycler allows it to handle a wide variety of materials, and is especially effective when processing green waste including stumps, logs, brush, wet leaves, whole trees, and landscape prunings. This unit will also process pallets, railroad ties, logging, sawmill and chip mill waste, and shingles for use in hot-mix asphalt supplement. Popular with tree services, loggers, governmental agencies and land clearing contractors, the versatility of the 2680 can't be matched.

**24"**  
WIDE OPENING

## Model 2680

### DESCRIPTION



**Model 2680.** The Model 2680 Beast is compact and economically priced. A great introductory unit, this machine is excellent for harvesting logging slash and mill waste. The rugged 2680 has all the basic features of our Model 3680 Beast and is easy to transport. The Model 2680 can process up to 300 cubic yards per hour, depending on the material. Available with engine options up to 440-horsepower from major engine suppliers.

### MODEL 2680

### STANDARD

### METRIC

Capacity .....	24" .....	61 cm
Opening .....	24" x 60" .....	89 x 152 cm
Engine .....	365 - 440 hp .....	272 - 328 kW
Length .....	32' 3" .....	983 cm
Width .....	8' 6" .....	259 cm
Height .....	12' .....	366 cm
Weight .....	48,000 lbs. ....	21,722 kg
Fuel Tank .....	250 gallons .....	946 L
Hydraulic Tank .....	140 gallons .....	530 L
Discharge Conveyor ..	18' x 48" .....	549 x 10 cm
Infeed Conveyor .....	13' 6" x 60" .....	411 x 152 cm

## Get it to go!

All of our Beast Recyclers can be "put into motion" by adding a Caterpillar track undercarriage. This option is great for recycling in a **compost yard [shown here]**, in land clearing applications, and for disposing of logging slash. Remote controls allow you to manipulate all functions, including movement of the tracks, feed systems, and the engine.

[SEE PAGE 20 FOR MORE.]



**Cut... split... grind... or chip!**

*The Beast<sup>®</sup> handles material of virtually any shape or size with ease.*

## APPLICATIONS FOR YOUR BEAST RECYCLER

### The most versatile grinder on the market:

Because you can equip your Beast with either cutting, splitting, grinding or chipping tools, you can produce a wider variety of quality end-products than any other waste reduction unit on the market. The applications for the Beast are endless.

- Shingle Recycling ■
- Mulch Production ■
- Composting ■
- C&D Recycling ■
- Biomass Fuel wood Production ■
- Processing Agricultural Residuals ■
- Site Clearance & Storm Clean-up ■

**1-800-334-7633**



**35"**  
WIDE OPENING

# Model 3680

**This Beast® brings out the best in your operation.**

This workhorse has proven itself in every conceivable application throughout the world. With our Model 3680, high-production meets great portability. The 3680 is the best all-around waste reduction machine. The large opening allows it to handle a wide variety of materials, including stumps, logs, brush, wet leaves, whole trees, and landscape prunings. The unit will also process pallets, railroad ties, logging, sawmill and chip mill waste, and asphalt shingles.

## Model 3680

### DESCRIPTION



**Model 3680.** Available with engine options up to 700-horsepower, this powerful grinder will stop at nothing to process the toughest material around. This unit has been known to produce as much as 500 cubic yards per hour, and is one of the best machines for processing asphalt shingles and other hard-to-grind materials. When equipped with our Chipper Knife System and optional discharge thrower, you can transform the Model 3680 into one of the highest capacity whole tree chippers on the market. Add a set of steel tracks and you've got the ultimate grinding machine – to go!

### MODEL 3680

### STANDARD

### METRIC

Capacity .....	35"	89 cm
Opening .....	35" x 60"	89 x 152 cm
Engine .....	400 - 700 hp	298 - 522 kW
Length .....	39'	1189 cm
Width .....	9' 4"	284.5 cm
Height .....	13' 6"	411.5 cm
Weight .....	62,000 lbs.	28,122 kg
Fuel Tank .....	500 gallons	1,892 L
Hydraulic Tank .....	140 gallons	530 L
Discharge Conveyor ..	30' x 48"	914 x 122 cm
Infeed Conveyor .....	20' x 60"	610 x 152 cm



### Municipal Yard Waste

The Model 3680 is a great companion for composting and landfill sites. Municipal yard waste and tree waste such as trimmings, storm damage, and Christmas trees are effortlessly processed. Highly portable and highly productive, the Model 3680 will maximize the efficiency of any operation.



### Whole Trees

The 700-hp Beast above is shown processing large diameter frozen hardwood. It produced approximately 35 tons in 40 minutes, with little to no vibration. When chipping typical green hardwood, production exceeded 75 tons per hour. The optional thrower aids in loading end-opening trailers.



### Chipper Knife System

A relatively new application for our Beast Recyclers with Knife System is the production of a sawdust-like product for pellet manufacturing. By running whole trees through a debarker prior to grinding, a miniscule chip product, similar to sawdust, is produced.

**1-800-334-7633**



# Model 4680

## The most versatile machine on the market.

The Model 4680 is the largest and most productive grinder in the Beast family and is a mulch producing machine! With recorded production numbers around 800 yards or more per hour, this unit will easily process large diameter stumps and whole trees. The mill opening on this unit is 45 inches by 60 inches and features engine options ranging from 800- to 1,200-horsepower.

45" WIDE OPENING

### Model 4680

#### DESCRIPTION



**Model 4680.** This rugged waste processing machine will process stumps and logs 40-inches in diameter and greater. Like all of Bandit's Beast Recyclers, this high production, portable waste reduction machine features a unique patented cuttermill. This mill allows materials to be cut, split or ground while providing a multitude of options for producing various types of products, ensuring maximum value for recycled materials. The controlled, regulated cutting system of the cuttermill maximizes available horsepower, limits fuel consumption and reduces vibration.

#### MODEL 4680

#### STANDARD

#### METRIC

Capacity .....	45" .....	114 cm
Opening .....	45" x 60" .....	114 x 152 cm
Engine .....	800 - 1,200 hp .....	596 - 894 kW
Length .....	46' .....	1,402 cm
Width .....	9' 11" .....	302.3 cm
Height .....	13' 4" .....	406.4 cm
Weight .....	85,000 lbs. ....	38,555 kg
Fuel Tank .....	500 gallons .....	1,893 L
Hydraulic Tank .....	200 gallons .....	757 L
Primary Discharge .....	10' 5" x 56" .....	318 x 142 cm
Sec'dary Discharge .....	25' 6" x 56" .....	457 x 122 cm
Infeed Conveyor .....	16' 5" x 60" .....	500 x 152 cm

EQUIPMENT: Model 4680

APPLICATION: Recycling wood pallets



### From Pallets to Pellets...

*An operation in England is producing wood pellets from wood pallets! In many applications, material from a Beast® Recycler is preferred over that from a traditional grinder. In fact, one pellet mill with whom we spoke reported a 10% to 12% increase in production from their mill, simply by using material from a Beast® Recycler. The size, shape, and uniformity can not be matched.*

READ THE FULL STORY ONLINE AT [WWW.BANDITCHIPPERS.COM](http://WWW.BANDITCHIPPERS.COM).

#### FAST FACT:

**Ready in no time:** The Model 4680 can be set up in just 10 minutes. As with all Beasts, the 4680 will produce a finished product in a single pass. Because most material is cut to proper size during the initial breakdown and not in the screening chamber, material flows quickly through the screen, maximizing production.

1-800-334-7633

INNOVATION:

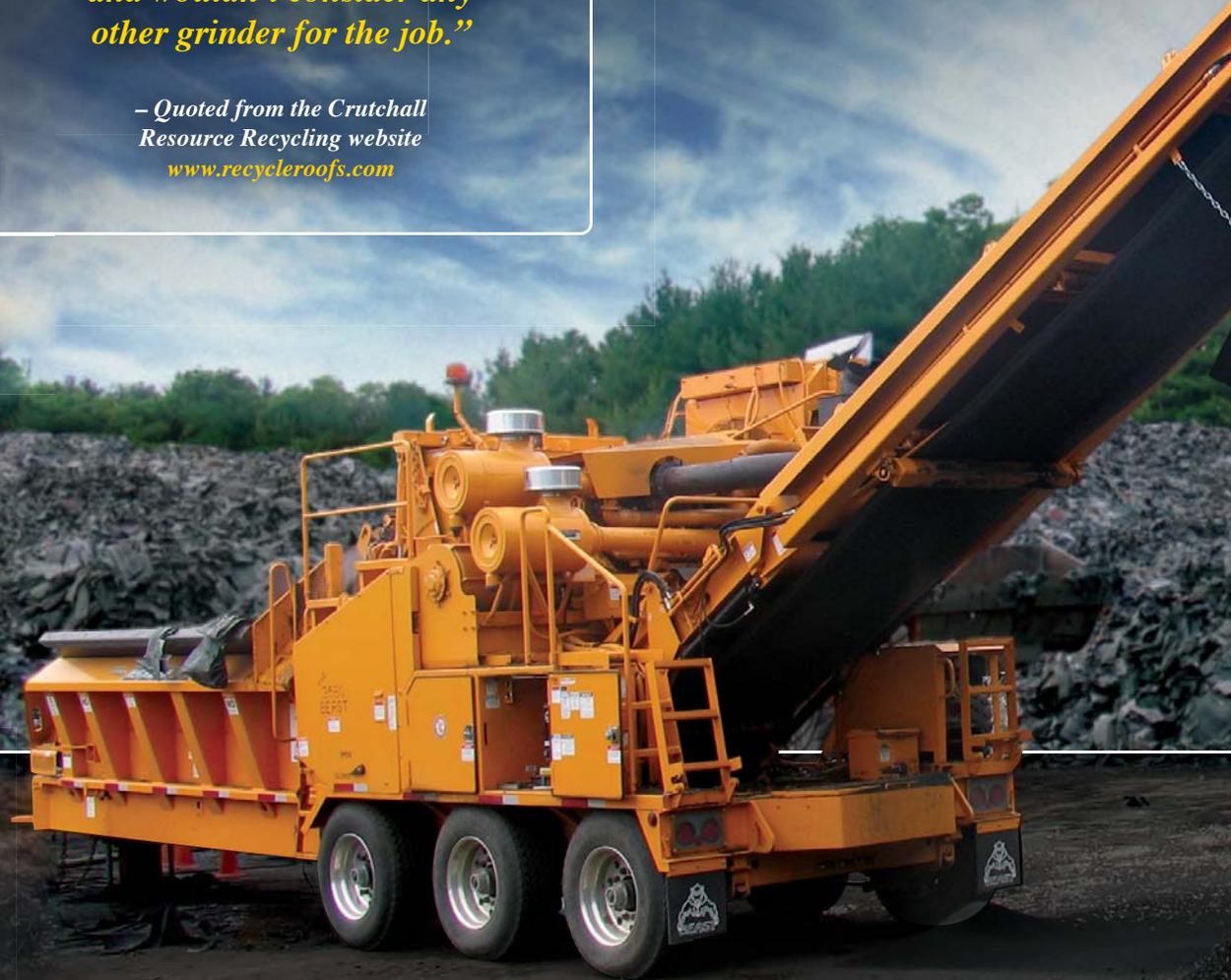
# FROM ROOF TO ROAD.

**Shingle recycling has never been easier than with the Beast.**

Recent data suggests that nearly 11 million tons of asphalt roofing shingle wastes are produced in the United States each year. Recycling shingles can recapture the equivalent of 2 barrels of oil from every ton of shingles recycled. Asphalt roofing shingles can easily be removed from the waste stream and reconstituted as a hot-mix asphalt supplement, with a little help from Bandit's Beast® Recyclers. Our Shingle Grinding Package allows you to process shingle waste year-round with minimal downtime.

*“Bandit is the only grinder to consider when it’s time to get the job done and done right. Your maintenance crews will be glad you chose Bandit. [We] use Bandit in all our operations, and wouldn’t consider any other grinder for the job.”*

*– Quoted from the Crutchall Resource Recycling website  
[www.recycleroofs.com](http://www.recycleroofs.com)*



**By recycling roofing shingles, you can:**

- Conserve landfill growth
- Decrease dependence on foreign oil
- Reuse previously mined aggregate
- Offer better roads and parking lots
- Create new jobs
- Generate revenue



◀ **No other grinder** will produce a hot mix asphalt supplement from shingles in a single pass – without screening – as well as the Beast®. Our cuttermills break down shingles, creating less heat than a conventional grinder, allowing you to grind shingles year round.



END-PRODUCTS

# More end-products than you can shake a stick at.

The quality of the material produced by the Beast® gives you so many new market opportunities. The products shown here are just a small sampling of the variety of different end-products that can be made with the Beast.

Our Beast® Recyclers will process an amazing array of material, such as stumps; logs; brush; wet leaves; whole trees; landscape waste; pallets; railroad ties; telephone poles, housing demolition; sawmill, logging, chip mill and paper mill by-products; plastic materials (including plastic car parts and European-type refrigerators); lime cake; shingles and more. Not only will it process these materials, but the Beast produces a higher-quality product and offers greater efficiency than other machines on the market.

With innovations such as the Shingle Grinding Package, the new patent-pending Knife System, which converts your Beast into a chipper, and the Color Critter II mulch coloring system, you'll soon find out why more industry professionals trust the Beast for the really tough jobs.

**Unleash the Beast at your next jobsite.**



**Figure 1:**  
Bio-Sawdust



**Figure 2:**  
Plastic Pallets



**Figure 3:**  
Compost



**Figure 4:**  
Conventional Chips



**Figure 5:**  
Cedar Mulch



**Figure 6:**  
Land Clearing Waste



**Figure 7:**  
Pallet Waste

**1-800-334-7633**

# CUT. SPLIT. GRIND. AND CHIP.

## Introducing the Knife System for Beast® Recyclers.

You've heard about the versatility of the Beast®, with its ability to "cut, split or grind" thanks to the unique cuttermill design. Now, you can transform your horizontal grinder into a powerful whole tree chipper – with minimal effort. Simply exchange your standard cutterbodies with Knife System cutterbodies, and you're on your way to smooth, efficient chipping like never before. Need to grind more traditional material? Simply change out your Knife System cutterbodies for standard cutterbodies and you're back to cutting, splitting and grinding.



### KNIFE INSERT

These cutterbodies are used in conjunction with a 2" knife insert, which allow the Beast® to be transformed into a high-capacity chipper.

### CARBIDE RAKER

The carbide raker effectively smooths down material before the knife takes a bite, for a clean, dimensional cut.

## BENEFITS OF CHIPPING

### SCREENED PRODUCT.

Unlike many whole tree chippers, the Beast® is designed to be operated with a screening system in place. By choosing the appropriate screen for your operation, you can produce a screened product that is ideal for fuel wood applications.

## With the Beast Knife System, you can produce:

- Sawdust from whole trees
- Screened wood chips
- Conventional wood chips
- Agricultural biomass from grass
- Product of virtually any size!

### THROWER ATTACHMENT

Equipping your Beast® with an optional thrower attachment allows you to fully load end-opening chip trailers.



*"What's great about [sawdust from the Beast®] is that it is readily available. They take the full log, debark it, and grind it into sawdust. They don't need to rely on getting rid of lumber. Not only is it readily available, but its a great product."*

– INSTANTHEAT WOOD PELLETS, INC. OF ADDYSON, NY  
ON USING SAWDUST PRODUCED FROM A BEAST® RECYCLER

# WITH A BEAST® RECYCLER (AVAILABLE ON ALL MODELS):

## HIGH CAPACITY, HIGH PRODUCTION.

Because the opening of the Beast® can accommodate large quantities of material at once, you can produce much more material in much less time. Many who are chipping with their Beast® Recyclers have found that their loaders can hardly keep up!

## A BETTER CHIP.

Many pellet mills utilizing chips from a Beast® Recycler as opposed to chips from other chippers and grinders are experiencing 10 - 12% greater production through their mills, thanks to the uniform shape and size of the chips.

## FUEL EFFICIENT.

The Beast® with its patented cuttermill is already more efficient than alternative methods of grinding. By adding chipper knives to the cuttermill, your operation becomes all that more fuel efficient.



CONVENTIONAL CHIPS



SCREENED CHIPS



BIO-SAWDUST

## APPLICATIONS:

The Knife System was developed as a modification to Beast® Recyclers that would enable it to produce large quantities of screened chips for the European fuel wood markets. Since its inception, applications have grown to include:

- WOOD CHIPS FOR FUEL MARKETS
- PLAYGROUND MULCH
- ANIMAL BEDDING
- SAWDUST FOR PELLET PLANTS

## MAXIMIZE PELLET OUTPUT:

There are many Beast® Recyclers in operation that provide a screened chip for use in pellet operations, especially in Western Canada. **The pellet mills receiving the product report a 10-12% increase in production when using the material from the Beast as opposed to material from other grinders, due to the uniformity of size of the chip.** Traditionally, these chips must first be passed through a hammermill before being processed into pellets.

## NEW & NOTEWORTHY:

The slumping housing market has led to a high demand for sawdust with the pellet industry. A new application using a Model 3680 Beast® with Knife System behind a Forest Pro debarker is now producing a **sawdust-like product in a single pass that is fed directly into pellet mills** with no further grinding necessary.

## VERSATILITY.

Any of our Beast® Recyclers can be equipped with the Knife System, including our compact Model 1680 'Son of a Beast'. Call today to learn how easy it is to convert your grinder into a chipper – and back again!

GRINDING ON THE MOVE:

# THESE BEASTS ARE REALLY GOING PLACES.

**Get more done, faster!** A self-propelled track Beast® eliminates the need to forward or skid material to the grinder, reducing operating costs. These units are extremely versatile and are ideal for fuel wood production and right-of-way clearing applications. The radio remote controls can manipulate all track Beast® functions, including movement of the tracks, feed system, and engine throttle. Available on all Beast® Recyclers.



**EQUIPMENT:** MODEL 4680 TRACK  
**LOCATION:** KENTUCKY, USA  
**MATERIAL:** MIXED LAND CLEARING DEBRIS



**EQUIPMENT:** MODEL 3680 TRACK  
**LOCATION:** BRITISH COLUMBIA, CANADA  
**MATERIAL:** BEETLE-KILLED LODGE POLE PINE



TRACK UNDERCARRIAGE

# Beast vs. Chipper: Which is right for you?

A Bandit Beast® Recycler works a lot like a whole tree chipper – especially when equipped with our patent-pending Chipper Knife Set-up. But unlike a whole tree chipper, our Beast® Recyclers have a greater diameter capacity and substantially larger opening for processing limby material. The Beast® will tolerate stones and dirt, unlike a whole tree chipper. A Beast® is better equipped to process stumps and land clearing debris, and offers the versatility of being able to change out the cutting tools and screens to produce a specific-size end product.

Contact your Bandit representative to learn more about which machine is right for your unique operation!



INDUSTRY-TRUSTED CATERPILLAR STEEL-TRACK UNDERCARRIAGES CAN BE ORDERED ON ANY BEAST® RECYCLER.

COMPOSTING

## Nobody does it better.

A recent study with a Maryland composting yard found that since switching from an enclosed tub grinder to a Beast® Recycler, they've reduced their fuel cost per cubic yard from 11¢ with the tub grinder to 9¢ with the Beast; they've seen an increase in volume; and have increased their production from 252 yards per hour with the tub to 430 yards per hour with the Beast – all of which have led to extensive annual cost savings.

*“Since we began grinding with the Beast, we’ve experienced a 60% increase in volume, simply because we can process everything. With a tub grinder, there are a lot of things you simply can’t grind that you have to pay to have hauled away. [The Beast has] paid for itself already, which is pretty impressive.”*

– N.K., Maryland

- Adding tracks to your Beast® allows you to maneuver compost windrows with ease
- Beast® Recyclers can process a wider variety of materials than a tub grinder
- You will experience greater fuel efficiency with a Beast® compared to conventional grinders

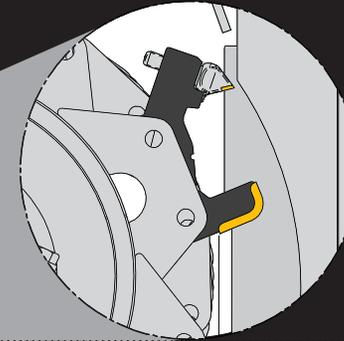
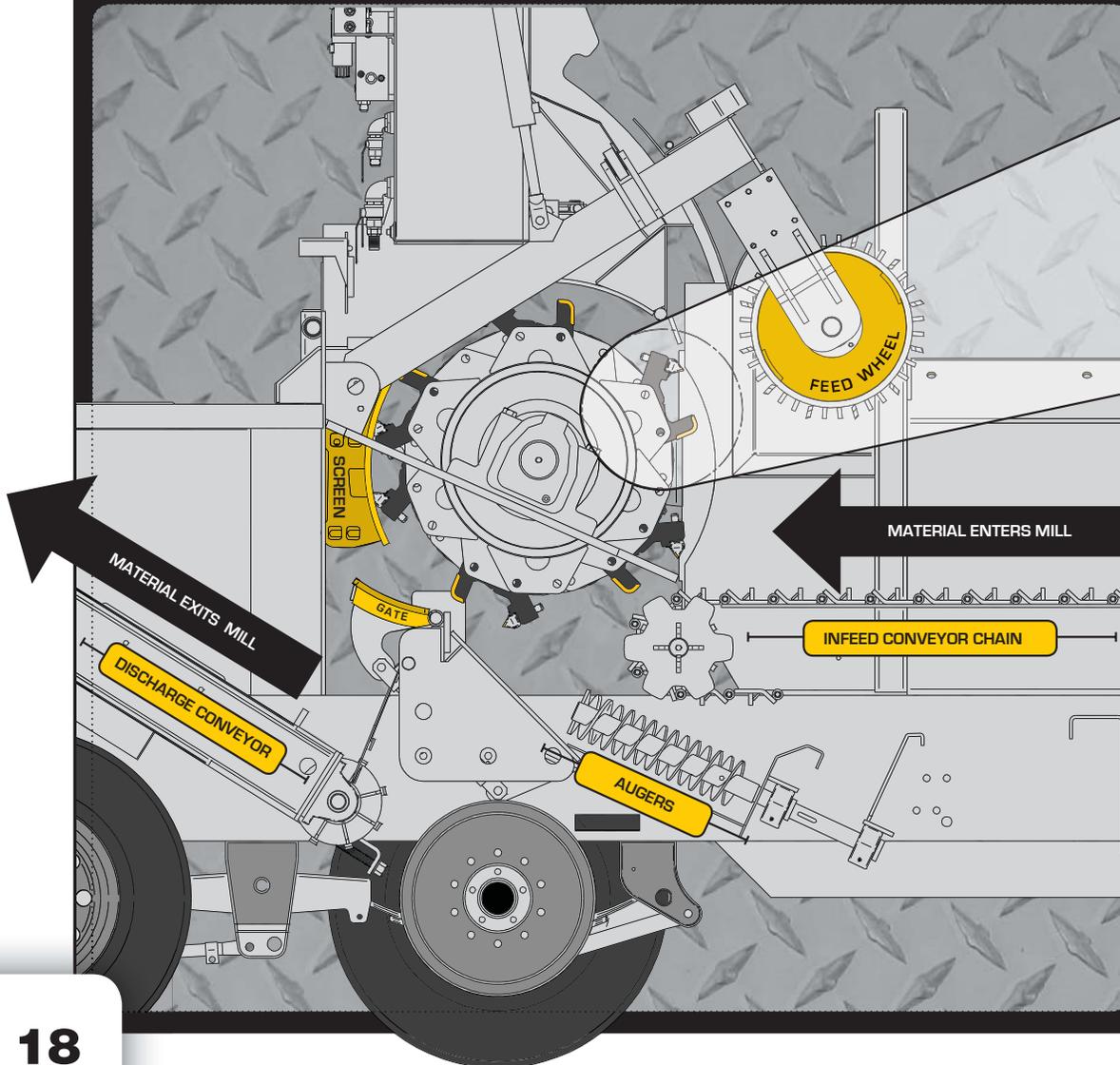


EQUIPMENT: MODEL 2680 TRACK  
LOCATION: MICHIGAN, USA  
MATERIAL: COMPOST & MUNICIPAL GREEN WASTE

# Inside the belly of the Beast<sup>®</sup>

The secret is in the Beast's patented cuttermill system.

**One mill, endless possibilities:** The Beast's unique, patented cuttermill design allows you to cut, split, grind or chip! The Beast's cutting action is best described by comparing an ax to a sledgehammer: which would you rather use to cut down a tree?



## NEW AND IMPROVED

### Durable Cutterbodies.

All of our cutterbodies are now constructed with hard-surface Tungsten carbide weld covering the wear areas of the cutterbody. Four different styles of cutterbody are offered, depending on your needs:



#### Replaceable Raker

This cutterbody allows you to swap out the replaceable raker attachment without discarding the entire cutterbody.



#### Sabertooth (4680 ONLY)

This unique design assists in regulating the size of the bite, producing a more uniform end-product. Features carbide weld on wear surfaces.



#### Standard

The standard cutterbody features durable carbide weld on wear surfaces and can be used with a variety of different tooth options.



#### Knife Insert

Similar to our Sabertooth cutterbody, but equipped with replaceable chipper knives for producing dimensional chips.



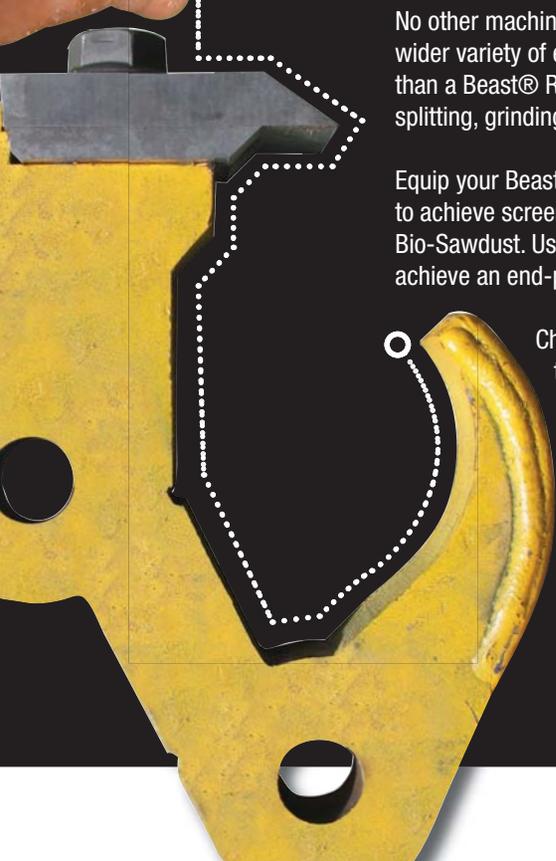
96% 1-1/4" minus  
Achieved with the  
Beast Knife Set-up

## Numerous tools. Endless applications. Countless end-products. One mill.

No other machine on the market produces a wider variety of end-products more efficiently than a Beast® Recycler. Choose from cutting, splitting, grinding or chipping – all with one mill!

Equip your Beast® with Knife Insert cutterbodies to achieve screened chips, conventional chips, or Bio-Sawdust. Use traditional grinding cutterbodies to achieve an end-product ideal for mulch applications.

Change out your teeth and cutterbodies to grind abrasive materials such as C&D waste, shingles, and pallets. The opportunities and applications are endless! Call today to learn more about the set-up that is right for your application.



## BEAST TEETH

## FEATURED WEAR PARTS:



PART #900-9904-61  
**Splitter Tooth**

Our best all-around tooth, used in most applications. Especially popular in land clearing applications, often used by themselves or with Carbide Cutters, Butcher Teeth, or G55 grinding teeth.



PART #900-9904-62  
**Splitter Fan Tooth**

Features the advantages of the Splitter Tooth plus the benefits of the Fan Tooth. Very popular in land clearing and green waste applications, and for processing pallets.



PART #900-9902-89  
**Shingle Tooth**

A cutter style tooth with thicker carbide. Highly effective in processing shingles. Excellent for grinding typical green waste.



PART #900-9904-63  
**Shingle Fan Tooth**

The benefits of the shingle tooth merge with the benefits of the fan tooth. Thick cutter-style carbide. Regulates the amount of bite and pushes material through the screen.



PART #900-9903-62  
**Helmet Head Tooth**

An excellent tooth for pallet and construction waste. Rounded-head splitter-style tooth. Often used when processing light green waste, logging slash, and sawmill waste.



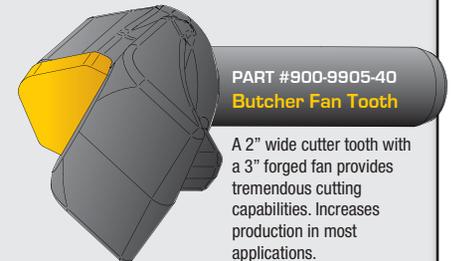
PART #900-9906-83  
**Helmet Head Fan**

Often used when grinding materials with tramp metal or excessive rocks or dirt.



PART #901-200001  
**1" Carbide Cutter**

This improved version of our standard 1" carbide is the tooth of choice when processing big wood. They require much less power to drive the tooth through the material.



PART #900-9905-40  
**Butcher Fan Tooth**

A 2" wide cutter tooth with a 3" forged fan provides tremendous cutting capabilities. Increases production in most applications.



PART #900-9904-95  
**Blunt Nose Splitter Fan**

The thicker carbide splitter tooth will last longer than the 1" splitter tooth. Can be used in the same applications as the 1" splitter tooth.

# Features & Options

## Must-have options that improve the efficiency of your Beast.

We build your machine to fit your unique operation, equipped only with the features and options that you want. Call today to learn more about how you can customize your Beast Recycler with all the features that will maximize your efficiency and reduce down-time.

### THROW IT FARTHER.

Available on Model 2680 and 3680 Beasts. This hydraulic thrower is great for fully loading open-end trailers, broadcasting over a site, or building tremendous piles. The thrower swivels, tilts, and folds under the conveyor.



#### ● Made to order!

Need to stack it higher?

Want to move it faster?

Add tracks, optional extended discharge conveyor, higher horsepower options, and more!



#### LOOKING FOR A USED CHIPPER OR GRINDER?

Bandit has you covered! You can find great deals on reconditioned equipment on Bandit's website. Check out our used equipment listings to find the unit that's right for you!

## MACHINE MAINTENANCE MADE QUICK & EASY:

Our Beast Recyclers are simple and easy to maintain. Thanks to a number of time- and money-saving features and options, you'll spend less time maintaining your machine and more time maximizing your efficiency! Learn more about our most popular features and options below.



### BOLT-ON FLARED SIDES (PATENTED)

Bolt-on flared sides are made of resilient T-1 steel. Standard on the Model 3680 and 4680.



### HYDRAULIC GATE (STANDARD)

This gate allows the operator to quickly open and close a concave to the screening chamber to reject foreign materials.



### AUTO-WALK (OPTION)

Powers the 2680 and 3680 Beast, enabling it to be moved along a windrow or a yard, eliminating the need for a towing vehicle.



### REPLACEABLE ROLL COVER (STANDARD)

All 3680's and 4680's are equipped with a replaceable bolt-in roll cover for the mill housing, made of hardened steel.



### FIFTH WHEEL HITCH (OPTION)

A fifth wheel hitch is optional on the 2680 and 3680, and is standard on the 4680.



### SCREEN CHANGING ARM (OPTION)

The Beast Screen Changing Arm assists the operator in quickly and easily changing and installing the screens, reducing the effort and time needed.



### DEBRIS AUGERS (STANDARD)

Slow moving debris augers, mounted under the infeed conveyor, collect materials as they fall from the end of the feed conveyor and force them into the mill.



### SCREENS (STANDARD)

A wide variety of screen shapes and sizes are available to help you make the best possible end-product.

## Color Critter II

### Mulch coloring made easy with your Beast Recycler.

The Color Critter II uses a dry, granular coloring pigment with a precise, electronically-controlled metering system that operates off the Beast's electronic controls. This ensures the right amount of water and pigment flow. The coloring system straddles the infeed conveyor and bolts to the infeed conveyor's support posts. The colorant hopper slides down into guide posts located on the Beast's main frame. Five discharge ports evenly spread colorant over the material.

The quantity of colorant being discharged is easily adjusted by simply turning a knob that opens and closes the ports. The rate at which the colorant is discharged is controlled by the speed of the infeed conveyor. If the feed system stops, so does the flow of colorant.

The colorant hopper holds in excess of 2,000 lbs. of granules. Multiple hoppers are recommended to quickly switch from one color to another, limiting downtime due to refilling the hopper. Colored mulch exits the machine nearly dry and can be bagged shortly thereafter. Oxidizing pigments penetrate the material to provide a rich, long lasting color that resists fading, allowing you to color earlier in the season.



## Wood made good with color!

### INSTALLATION IS SIMPLE.

It takes about four hours to initially wire the colorizer's control panel to the Beast. Once this initial wiring is complete, final installation takes about 15 minutes.

### HIGH PRODUCTION.

A 500-hp Beast can color as much as 200 cubic yards/hour in the final grind, depending on the desired product size. Colorant costs are usually under \$3.00/cubic yard of finished product for most applications.

### POWER REQUIREMENTS:

#### 110 VOLT CURRENT.

A generator is often used to supply power to the Color Critter II and to the water pump when operating in a remote location.

### FINAL GRIND COLORATION.

The granular colorant eliminates much of the mess associated with liquid and powder colorants. *Liquid coloration system available.*

# Electric Power.

## For stationary grinding, an Electric Beast is your economical solution.

When it comes to stationary grinding, a Beast with electric motor is a cost-effective alternative to diesel fuel. All Electric Beasts are simple to set up and require no major foundation work: simply roll it in, set it up, and grind!

- *Simple to install*
- *Low-cost start up*
- *Utility-friendly*

## Features & Benefits of an Electric Beast:

### **Crusher-Duty Motors**

Our electric motors have the best service factor in the industry and are designed for crusher-duty applications, making them a great fit for a variety of grinding applications.

### **Low Installation Cost**

Our Electric Beasts are not tied down with expensive foundations: roll it in, set it up, and start grinding! Available with customizable discharge lengths to fit each unique application.

### **Utility Friendly**

All of our electric motors are available with soft-starts, which reduce the incidence of line-voltage drop on the power company.

### **Built Smart**

Separate motors for all hydraulics allows the cutterhead to be disengaged for service work while retaining power to the other hydraulic systems, and also allows the main power source to be completely dedicated to grinding.

### **Continuous Feed**

An advanced communicator panel between the motor and the starter monitors amperage and controls continuous feeding and reversing of the feed wheels for a uniform product.

### **Energy Efficient**

Our motors are upwards of 95% energy efficient.

# BEAST® RECYCLER SPECIFICATIONS

	MODEL 1680		MODEL 2680		MODEL 3680		MODEL 4680	
	TOWABLE	TRACK	TOWABLE	TRACK	TOWABLE	TRACK	TOWABLE	TRACK
<b>LENGTH:</b>	30'	30'	32' 3"	29'	39'	31' 10"	46'	36"
<b>WIDTH:</b>	8'	8' 3"	8' 6"	10' 4"	9' 4"	11' 6"	9' 11"	11' 6"
<b>HEIGHT:</b>	11' 7"	12' 3"	12'	12' 5"	13' 6"	11' 4"	13' 4"	11' 4"
<b>WEIGHT:</b>	25,000 LBS.	29,500 LBS.	48,000 LBS.	61,000 LBS.	62,000 LBS.	75,000 LBS.	85,000 LBS.	93,000 LBS.
<b>AXLE:</b>	(2) 12,000 LB. AXLES	N/A	(2) 25,000 LB. AXLES	N/A	(3) 25,000 LB. AXLES	N/A	(3) 25,000 LB. AXLES	N/A
<b>TRACKS:</b>	N/A	CAT 312B	N/A	CAT 315	N/A	CAT 325EL	N/A	CAT 325EL
<b>MILL OPENING:</b>	24" HIGH X 52" WIDE	24" HIGH X 52" WIDE	24" HIGH X 60" WIDE	24" HIGH X 60" WIDE	35" HIGH X 60" WIDE	35" HIGH X 60" WIDE	45" HIGH X 60" WIDE	45" HIGH X 60" WIDE
<b>DIESEL ENGINE OPTIONS:</b>	160 HP - 275 HP	160 HP - 275 HP	365 HP - 440 HP	365 HP - 540 HP	400 HP - 800 HP	630 HP - 800 HP	875 HP - 1200 HP	875 HP - 1200 HP
<b>ELECTRIC MOTOR OPTIONS:</b>	150 HP - 250 HP	N/A	300 HP - 400 HP	N/A	400 HP - 500 HP	N/A	800 HP - 1,000 HP	N/A
<b>FUEL TANK CAPACITY:</b>	70 GALLONS	70 GALLONS	250 GALLONS	250 GALLONS	500 GALLONS	300 GALLONS	500 GALLONS	500 GALLONS
<b>HYDRAULIC TANK CAPACITY:</b>	80 GALLONS	80 GALLONS	140 GALLONS	140 GALLONS	140 GALLONS	140 GALLONS	200 GALLONS	200 GALLONS
<b>MILL SIZE:</b>	20" DIA. X 52" WIDE	20" DIA. X 52" WIDE	42" DIA. X 63" WIDE	42" DIA. X 63" WIDE	42" DIA. X 63" WIDE	42" DIA. X 63" WIDE	59.75" DIA. X 63" WIDE	59.75" DIA. X 63" WIDE
<b>MILL SPEED:</b>	900 RPM	900 RPM	650 RPM	650 RPM	650 RPM	650 RPM	550 RPM	550 RPM
<b>TEETH:</b>	26	26	60	60	60	60	60	60
<b>FEED WHEEL:</b>	20" DIA. X 52" WIDE	20" DIA. X 52" WIDE	24" DIA. X 60" WIDE	24" DIA. X 60" WIDE	24" DIA. X 60" WIDE	24" DIA. X 60" WIDE	36" DIA. X 60" WIDE	36" DIA. X 60" WIDE
<b>INFEED CONVEYOR:</b>	52" WIDE	52" WIDE	60" WIDE	60" WIDE	60" WIDE	60" WIDE	60" WIDE	60" WIDE
<b>INFEED CAPACITY:</b>	4.5 CUBIC YARDS	4.5 CUBIC YARDS	5.19 CUBIC YARDS	5.19 CUBIC YARDS	12.96 CUBIC YARDS	12.96 CUBIC YARDS	12.96 CUBIC YARDS	12.96 CUBIC YARDS
<b>INFEED SPEED:</b>	SINGLE SPEED (20 FPM)	SINGLE SPEED (20 FPM)	SINGLE SPEED (20 FPM)	SINGLE SPEED (20 FPM)	18 - 43 FPM VARIABLE W/ IQAN			
<b>PRIMARY DISCHARGE:</b>	15' LONG X 48" WIDE	15' LONG X 48" WIDE	18' LONG X 48" WIDE	18' LONG X 48" WIDE	30' LONG X 48" WIDE	18' LONG X 48" WIDE	10' 5" LONG X 56" WIDE	10' 5" LONG X 56" WIDE
<b>SECONDARY DISCHARGE:</b>	N/A	N/A	N/A	N/A	N/A	N/A	25' 6" LONG X 56" WIDE	25' 6" LONG X 56" WIDE
<b>OPTIONAL DISCHARGE:</b>	30' LONG	30' LONG	30' LONG	30' LONG	N/A	N/A	N/A	N/A
<b>STACKING HEIGHT:</b>	9'	9'	12' 5"	12' 5"	17' 6"	17' 6"	18'	18'
<b>DISCHARGE SPEED:</b>	SINGLE SPEED (280 FPM)	SINGLE SPEED (280 FPM)	SINGLE SPEED (280 FPM)	SINGLE SPEED (280 FPM)	280 LOW, 480 HIGH VARIABLE W/ IQAN			
<b>RADIO REMOTE:</b>	OPTIONAL	STANDARD	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD

Beast Recyclers are manufactured by Smoracy, LLC. All specifications, dimensions, standards and options are subject to change without notice. Dimensions and weights may vary, depending on options and engines selected. Bandit Industries, Inc. reserves the right to change designs, specifications and options without prior notice. All figures shown in technical data were current at the time of printing. However, these can change as a result of further product development. Please contact Bandit Industries, Inc. for more information.