

# THE BEAST® MODEL 2680XP

VERSATILE. CAPABLE. POWERFUL.



**THE BEAST MODEL 2680XP HORIZONTAL GRINDER IS A VERSATILE 24-INCH OR 35-INCH CAPACITY WASTE REDUCTION MACHINE, CAPABLE OF PROCESSING EVERYTHING FROM LOGGING SLASH TO CHUNK WOOD, CONSTRUCTION WASTE, ROOFING SHINGLES AND MORE. THE COMPACT, COST-EFFECTIVE 2680XP IS AVAILABLE WITH UP TO 800 HP, DELIVERING PERFORMANCE AND PRODUCTION USUALLY FOUND IN LARGER MACHINES.**

A heavy-duty track type in feed conveyor that is almost indestructible efficiently feeds all of the different materials that The Beast will process. The conveyor also serves as the anvil, eliminating the possibility of material wedging between a conveyor and anvil. Ten slow-moving, dependable augers, that are easy to maintain capture the material that tends to fall underneath the feed system or

travel back on the conveyor return and feed the material into the mill. The conveyor has a six-speed drive allowing the operator to set the feed speed based on the material being processed and the desired end product. A proportional drive option automatically adjusts the feed speed of the conveyor to engine load.



## Bandit INDUSTRIES, INC.

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WWW.BANDITCHIPPERS.COM

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2016-0114



## Model 2680 Track

The Beast Recycler



### A HIGH PRODUCTION COMPACT REDUCTION MACHINE. 24-INCH OR 35-INCH CAPACITY OPTIONS THAT ALLOW YOU TO TACKLE BIG JOBS

In the standard configuration, the Model 2680XP features a 24-inch by 60-inch throat opening to easily handle brush, debris and trees up to 24 inches in diameter. Choosing the larger 35-inch by 60-inch opening gives the 2680XP the same processing capability as the larger 3680XP, but in a more compact package. It is the perfect high-production grinding or chipping solution for companies wanting a unit that is more maneuverable.

**THE MODEL 2680XP IS USED EXTENSIVELY BY:**  
 TREE SERVICES  
 PLASTIC RECYCLERS  
 WASTE WOOD RECYCLERS  
 CLEARING CONTRACTORS  
 BIOMASS ENERGY PRODUCERS  
 SHINGLE AND PLASTIC RECYCLERS  
 MUNICIPALITIES AND OTHER - GOVERNMENTAL AGENCIES

#### IT EASILY PROCESSES:

STUMPS  
 LOGS  
 WHOLE TREES  
 BRUSH  
 WET LEAVES  
 LANDSCAPE WASTE  
 PALLETS  
 HOUSING DEMOLITION  
 SAWMILL WASTE  
 STORM CLEANUP WASTE  
 RAILROAD TIES AND TELEPHONE POLES  
 AG WASTE SUCH AS HAY, STRAW AND CANE GRASS  
 SHINGLES AND HEAVY-WALLED PLASTIC PIPE AND MUCH MORE!

# BEAST RECYCLER SPECIFICATIONS 2680XP

#### ENGINES:

**TOWABLE:**  
 ■ 440 HP tier 4i  
 ■ 440 HP tier 4 final  
 ■ 525 HP tier 4 final  
 ■ 540 HP tier 4 final  
 ■ 551 HP tier 4 final  
 ■ 765 HP tier 2  
 ■ 768 HP tier 2  
 ■ 800 HP tier 2 diesel

**TRACK:**  
 Caterpillar C13 diesel engine equipped with HP300 Twin Disc fluid clutch. Engine manufacturer's exhaust system, air cleaner system, cooling system, and electrical system  
 ■ 540 HP tier 3 export only  
 ■ 600 HP tier 3 export only

**ELECTRIC:**  
 250, 300, 350, 400 & 500 HP electric motors

#### UNDERCARRIAGES:

**TOWABLE:**  
**AXLE** - (2) 25,000 pound air brake axles  
**TIRES** - (4) 315/80R 22.5, 20 ply tires mounted on aluminum rims

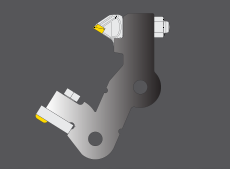
**TRACK:**  
**STEEL TRACK** - Steel Tracks equipped with Caterpillar model 325EL track undercarriage with 700mm wide triple grouser track pads

#### MEASUREMENTS:

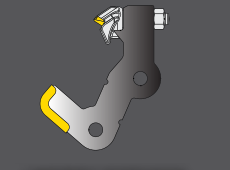
	TOWABLE:	TRACK:
Length:	38' 4"	33' 2"
Width:	8' 6"	9' 9"
Height:	13' 6"	12' 5"
Weight:	Apx. 49,000 lbs	Apx. 61,000 lbs
Fuel Tank:	250 gal	250 gal
Hyd. Tank:	140 gal	140 gal

#### OTHER SPECIFICATIONS:

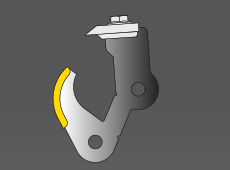
Capacity: 24"  
 Mill Opening: 24" X 60"  
 Drum Cuttermill: 42" diameter X 63" wide  
 RPM: Approx. 700  
 Feed System: (1) 24" diameter by 60" wide floating feed wheel internally driven by a hydraulic motor/gearbox combination.  
 Conveyor Options: 13' 6" long x 60" wide  
 Discharge: Single speed 18' long x 4' wide with a discharge height of 12' 5"  
 Hitch: 3" pintle ring with (2) safety chains with hooks  
 Frame: 18" structural channel with cross bracing  
 Stabilizer: Dual cylinder stabilizer bar



REPLACEABLE RAKER CUTTERBODY



SAWTOOTH CUTTERBODY



KNIFE INSERT CUTTERBODY



THE BEAST® CHIPPER DRUM



THE BEAST® 60 TOOTH CUTTERMILL



THE BEAST® 30 TOOTH CUTTERMILL



The Beast is being used to size, hay, straw, cane grass, switch grass and mescanthis to fuel biomass boilers in many parts of the world.



### The Patented Beast Cuttermill – Producing a Higher Value Product at a Lower Production Cost.

The Beast's down-turn cuttermill utilizes cutter bodies shaped like a chainsaw tooth. The raker in front of the tooth regulates the size of the cut, creating a product that's more uniform in size and consistency. Whereas most competitive grinders have upward turning mills, The Beast cuttermill turns down to work with gravity instead of against it. This design provides smoother operation with less vibration and wear-and-tear, and it allows The Beast to cut, split, grind or chip more material at a lower cost-per-ton.

### Process Difficult Material That Other Machines Can't Handle.

No other horizontal grinder on the market can handle difficult-to-process material like The Beast. The down-turn cuttermill combined with a wide infeed opening, powerful infeed conveyor and feed wheel easily handles large brush bundles, logs, whole trees, viney material and bulky chunk wood. The infeed features multiple speed controls and an auto feed system that reverses material when engine RPM drops. The Model 2680XP can also be equipped with a proportional feed system that automatically adjusts feed speed to match the engine load.

### Create End-Products to Serve Multiple Markets with One Machine.

The Beast features a wide array of tooth and screen options to produce an impressive range of end products. Create high quality mulch in a single pass from a wide variety of materials, including urban green waste, pallets, sawmill and logging residues, and clearing waste. 2680XPs are often used to create top-dollar landscaping mulch through chip/mulch regrind, as well as producing playground mulch and colored mulch with the optional colorizer unit. Equipped with Beast knives or the dedicated chipping drum, The Beast produces high-quality chips used in a variety of fuel wood markets such as factories and power plants, wood pellet manufacturers, chips for biomass boilers, and much more.

### Towable and Self-Propelled to Conquer Any Worksite.

The towable Model 2680XP tows easy with either a pintle ring or fifth-wheel hitch. Self-propelled track machines are ideal for land clearing and operations in difficult terrain where towable machines just can't reach. It's also perfect for large yards or landings where moving towable units is difficult and time consuming. And with diesel engine options up to 800 horsepower, The Beast has the power to impress.

### Improvements Made in 2015 Increased the Productivity of the Machine By Approximately 50% in Many Applications.

More than 35 specific enhancements, including a faster mill speed and a faster infeed speed, allow the Model 2680XP to process more than 300 yards of green waste per hour while still maintaining its ability to process large-diameter material effectively.

### Available as Stationary Units With High-Power WEG Electric Motors.

The stationary units are especially popular for converting ag waste into fuel for biomass plants. For electric applications, The Beast features industry-proven WEG electric motors with up to 800 horsepower for exceptional processing capabilities. Electric units come with soft-start motors and all necessary equipment for a quick, easy setup.

### Convert the 2680XP into a High Production Chipper.

Grinding teeth on the standard cuttermill are easily replaced with Beast chipper knives to produce a uniform screened chip, ranging in size from a ¼-inch "biosawdust" micro chip to a standard ¾-inch chip. For companies primarily chipping with The Beast, a dedicated chipper drum is available in lieu of the standard cuttermill – effectively turning The Beast into a large whole tree chipper with screening capability. Equipped with the optional chip thrower, The Beast can fully load end-opening chip trailers with ease.





HAND-FED  
CHIPPERS

WHOLE TREE  
CHIPPERS

STATIONARY SAWMILL  
& CHIPMILL CHIPPERS

STUMP  
GRINDERS

**THE BEAST®**  
**HORIZONTAL RECYCLERS**

TRACK  
CARRIERS

SKID-STEER  
ATTACHMENTS



## LAND CLEARING MACHINE.

No other grinder is better suited for land clearing operations than The Beast. Its ability to easily process brush, debris, trees and large, bulky chunk wood makes it perfect for land clearing operations where anything and everything needs to go. Convert valueless waste wood into a value-added mulch product or fuel wood products or simply broadcast processed material on-site.



## THE BEAST® MODEL 2680XP

### Grind Shingles to a Hot Mix Asphalt Supplement in a Single Pass.

Many consider The Beast to be the best shingle grinding machine on the market. The Beast generates less heat when processing shingles because of the patented downturn cuttermill that cuts instead of grinds. The Beast will produce a dryer finished product to spec without the need for additional screening.

### The Beast Serves Renewable Biomass Markets Around the World.

The Model 2680XP provides fuel to many biomass facilities around the world. It is the primary breakdown and sizing machine producing a screened product for wood-fired boilers. It processes woody material from recycling yards, wood yards, sawmills and logging operations. It is the go-to machine for processing agricultural residues, including hay, straw, cane and a wide variety of grasses. It is also one of the few machines that can effectively size stringy materials like vines, eucalyptus, and coastal vegetation.



3/4" Standard Chip



Bio Sawdust



Mulch