

THE BEAST® MODEL 3680XP



THE NEW AND IMPROVED MODEL 3680XP A VERSATILE GRINDER THAT EXCELS IN VIRTUALLY EVERY APPLICATION.

The Beast Model 3680XP waste reduction machine is powerful enough and sized for most applications. Like any of The Beast horizontal grinders, the 3680XP cuts more than it grinds, producing more material using less energy and fuel, thus delivering material at a lower cost per ton or yard. A wide array of tooth options are available that cut, split or grind, which is the primary reason that The Beast will deliver a far more uniform product, meeting the needs of a multitude of markets.



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CALL YOUR LOCAL BANDIT SALES REPRESENTATIVE TO SCHEDULE A DEMONSTRATION TODAY!

THERE IS NO OTHER REDUCTION MACHINE ON THE MARKET...

That will process solid wood and chunk wood as effectively as the Model 3680XP.

Model 3680XP

The Beast® Recycler

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.



Two-stage belt discharge or add a thrower. Or both!

Produce a Higher Value, More Uniform Product at a Lower Production Cost.

The patented cutter mill on The Beast utilizes a cutter body or holder that is shaped just like a chainsaw tooth. The raker in front of the tooth regulates the size of the bite or cut. Not only is the product more uniform, but the machine also uses less energy to break down material, so the machine runs smoother and more efficiently.

Plus this mill cuts in a downward motion, providing much greater control of the material being reduced because you are not fighting gravity and the teeth from the mill are not pushing back against the feed system.

The 3680XP Will Process Nasty Material With Limited Material Preparation.

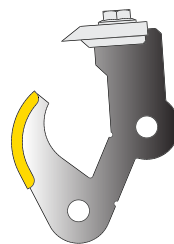
The power of the infeed conveyor will amaze. The infeed conveyor and feed wheel have multiple speed control and is equipped with an autofeed system that backs material out of the cut when the engine lugs. The machine can be equipped with a proportional drive system that automatically adjusts the feeding of material to the engine load.

Convert the 3680XP into a High-Production Chipper.

The teeth on the standard cutter mill can be replaced with chipper knives to produce a uniform screened chip that can be sized from a 1/4-inch chip that we call Biosawdust up to a standard 3/4-inch chip.

For the Serious Chip Producer We Offer a Chipping head option.

A dedicated chipping drum is also available to produce a variety of end products. An eight-knife drum produces a 1-inch chip. The same eight-knife drum with four pockets blocked off produces a standard 2-inch maxi chip that is ideal for top loading biomass burners or use in charcoal and metallurgical applications. A 20 knife drum to produce a 1/4" micro chip is available.



Improvements Made to the 3680XP 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 3680XP to process more than 300 yards of green waste per hour while still maintaining its ability to process large-diameter material effectively.

THE MODEL 3680XP IS USED EXTENSIVELY BY:

- TREE SERVICES
- PLASTIC RECYCLERS
- WASTE WOOD RECYCLERS
- CLEARING CONTRACTORS
- BIOMASS ENERGY PRODUCERS
- SHINGLE RECYCLERS
- MUNICIPALITIES AND OTHER - GOVERNMENTAL AGENCIES
- LANDSCAPING AND PLAYGROUND MULCH PRODUCERS

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: HAY, STRAW & CANE GRASS
- SHINGLES AND HEAVY-WALLED PLASTIC PIPE AND MUCH MORE!

BEAST RECYCLER SPECIFICATIONS 3680XP

ENGINES:

TOWABLE:

- 540 HP tier 4 final
- 551 HP tier 4 final
- 755 HP tier 4i
- 755 HP tier 4 final
- 765 HP tier 4 final
- 765 HP tier 4i
- 765 HP tier 4 final
- 768 HP tier 2
- 800 HP tier 2

TRACK:

- 551 HP tier 4 final
- 755 HP tier 4i
- 755 HP tier 4 final
- 765 HP tier 2
- 768 HP tier 2
- 875 HP tier 2 diesel
- 1,050 HP C-27

ELECTRIC:

- 250, 300, 400 & 500 HP electric motors

INTERNATIONAL MARKETS ONLY

- CAT 440-HP Tier 3
- CAT 540-HP Tier 3
- John Deere 600 HP Tier 3

UNDERCARRIAGES:

TOWABLE:

- AXLE - (3) 25,000 pound air brake axles
- TIRES - (6) 385/60R 22.5, load range "H" tires mounted aluminum rims

TRACK:

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

MEASUREMENTS:

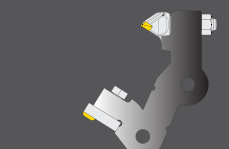
	TOWABLE:	TRACK:
Length:	39' 10"	35' 7"
Width:	9' 6"	11' 6"
Height:	13' 6"	12' 5"
Weight:	Apx. 59,000 lbs	Apx. 75,000 lbs
Fuel Tank:	500 gal	300 gal
Hyd.Tank:	145 gal	140 gal

FRAME:

All of our frames are made from 18" structural C-Channel with a web thickness of 1/2". This will apply to both track and trailer models.

OTHER SPECIFICATIONS:

Capacity:	35"
Mill Opening:	35" X 60"
Drum:	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.
Discharge:	30' long x 4' wide (2-speed) discharge with a discharge height of 17' 7"
Hitch:	3" pintle ring with 3" pintle ring
Stabilizer:	Dual cylinder



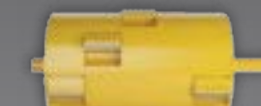
REPLACEABLE RAKER CUTTERBODY



STANDARD CUTTERBODY



KNIFE INSERT CUTTERBODY



THE BEAST® CHIPPER DRUM



THE BEAST® 60 TOOTH CUTTERMILL



THE BEAST® 30 TOOTH CUTTERMILL

Mulch Needs Vary, and the 3680XP Can Produce Mulch For All Markets.

With the wide array of teeth and screens available and the control that The Beast has over the material entering the mill, The Beast can produce mulch of any size and produce it from a wide variety of materials, including urban green waste, pallets, sawmill and logging residues and clearing waste. Colored mulch can be produced in the 3680XP by adding the optional coloring attachment.



SHINGLES TO A FINISHED HOT MIX ASPHALT SUPPLEMENT IN A SINGLE PASS.

Because the 3680XP cuts more than it grinds, it generates less heat when reducing shingles to a desirable hot mix asphalt supplement in a single pass (no need to screen). No other grinder will produce as fine and as consistent of a product from shingles as the Model 3680XP.



THE BEAST® MODEL 3680XP BUILDS YOUR BOTTOM LINE



There Are So Many Applications For the 3680XP in the Biomass Market.

The 3680XP provides fuel to many biomass plants. It is the primary breakdown and sizing machine producing a screened product for many wood-fired boilers. It processes woody material from recycling yards, woodyards, 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 only machines that will effectively size stringy materials like eucalyptus bark.

Going to a knife setup allows the machine with the standard head to produce a common fuelwood chip or biosawdust for producing pellets.

Replacing the standard cuttermill with a chipper drum converts the 3680XP into an extremely high-production chipper.

Land Clearing Machine.

No other grinder is better suited for land clearing because of the 3680XP's superior ability to process solid wood and stumps. One machine to recycle all clearing waste into fuel wood or mulch, or grind or cut it fine enough to quickly decompose on site, making it a great unit for clearing land for farming in the material can be disced into the soil, adding nutrients.



3/4" Standard Chip



Bio Sawdust



Mulch