

THE BEAST® MODEL 4680XP



THE ULTIMATE HORIZONTAL GRINDER

Ultimate projects call for ultimate solutions, and the Model 4680XP is ultimate in every sense of the word. Its massive 45-inch grinding capacity and engine options up to 1200 horsepower attacks material, converting the largest piles of brush, whole trees and construction waste to a valuable end-product in record time. Using an oversized version of The Beast's patented cuttermill, the Model 4680XP combines the highest levels of production and performance with exceptional efficiency. From lumber mills to municipalities all around the world, the Model 4680XP is the no-compromise recycler professionals turn to when they need the best of the best.



Bandit INDUSTRIES, INC.

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Model 4680XP

The Beast Recycler

THERE IS NO OTHER HORIZONTAL GRINDER

That will process solid wood and chunk wood as effectively.

THE MODEL 4680XP 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 AND 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!

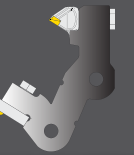
BEAST RECYCLER SPECIFICATIONS 4680XP

ENGINES:

- | | |
|--------------------------|--------------------------|
| TOWABLE: | TRACK: |
| ▪ 800 HP tier 2 | ▪ 800 HP tier 2 |
| ▪ 875 HP tier 2 diesel | ▪ 875 HP tier 2 |
| ▪ 1,050 HP tier 2, | ▪ 950 HP tier 2 |
| ▪ 1,050 HP tier 4i | ▪ 1,050 HP tier 2 |
| ▪ 1,200 HP tier 2 diesel | ▪ 1,050 HP tier 4i |
| | ▪ 1,200 HP tier 2 diesel |

ELECTRIC:

350, 400 & 500 HP electric motors



REPLACEABLE RAKER CUTTERBODY

UNDERCARRIAGES:

TOWABLE:

AXLE - (4) PF-117 25,000 pound air brake axles
TIRES - (16) 11R/22.5, 16 ply tires mounted on 10 bolt hub pilot dual rims, with 3/16" steel heavy-duty fenders.

TRACK:

STEEL TRACK - Equipped with Caterpillar model 325EL track undercarriage with 27 1/2" wide triple grouser track pads.



SAWTOOTH CUTTERBODY

MEASUREMENTS:

	TOWABLE:	TRACK:
Length:	46'	36'
Width:	11' 6"	11' 6"
Height:	13' 6"	12' 6"
Weight:	Apx. 92,000 lbs	Apx. 98,500 lbs
Fuel Tank:	500 gal	500 gal
Hyd. Tank:	200 gal	200 gal



KNIFE INSERT CUTTERBODY

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:	45"
Mill Opening:	45" X 60"
Drum Cuttermill:	60" diameter X 63" wide
RPM:	Approx. 515
Feed System:	(1) 32" diameter x 60" wide floating feed wheel internally driven by a hydraulic motor/gearbox combination. n18-43FPM
Discharge:	2 speed discharge system with (1) 56" wide x 10' 5" long primary discharge conveyor and (1) 56" wide x 25' 6" long discharge conveyor.
Hitch:	Fifth wheel
Stabilizer:	Dual cylinder



THE BEAST® 60 TOOTH CUTTERMILL

45" x 60" Capacity Delivers Extreme Processing Capability.

The Model 4680XP can accept trees and logs nearly four feet in diameter. It can accept extremely large volumes of brush and logging slash, and problematic chunk wood is easily devoured. The wide throat opening on the 4680XP also means it can out-produce every other horizontal grinder on the market, creating up to 800 yards of mulch per hour.

Patented 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 and the feed system. This design provides smoother operation with less vibration and is much less likely to throw material out the infeed, and it allows The Beast to cut, split, grind or chip more material at a lower cost-per-ton.

Convert the 4680XP into a High Production Chipper.

The large opening and the cutting and splitting action of the 4680 all it to process large diameter trees, stumps and chunk wood better than other grinders. The teeth on the standard cuttermill are easily replaced with Beast chipper knives to produce a uniform screened chip, ranging in size from a 1/4-inch "biosawdust" micro chip to a standard 3/4-inch chip. The 4680XP discharges chips via the standard discharge conveyor to create piles or load open-top trailers. An optional chip thrower attachment is available to fully load end-opening chip trailers with ease.

Create Products For Multiple Markets With One Machine.

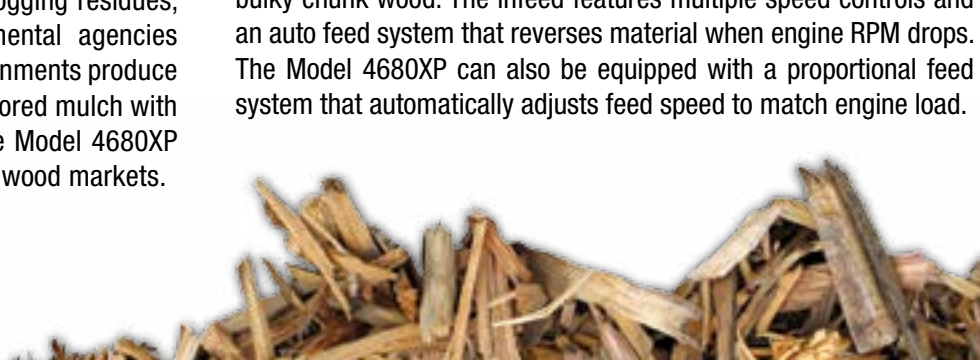
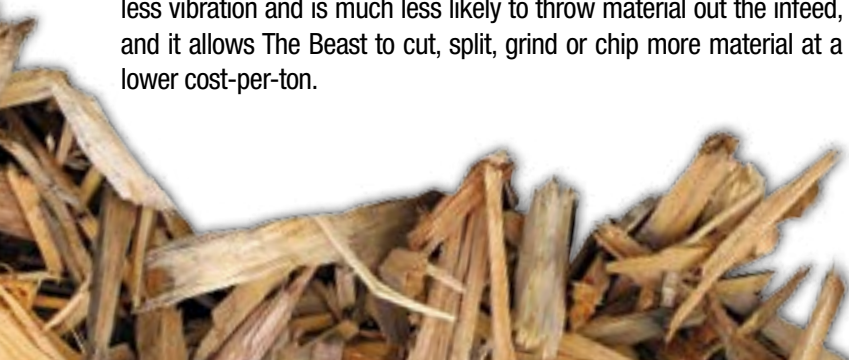
The Beast features a wide array of tooth and screen options to produce an impressive range of end-products. Create high-quality mulch in a single primary grind and a regrind from a wide variety of materials, including urban green waste, pallets, sawmill and logging residues, and clearing waste. Private contractors, governmental agencies including municipalities, townships and county governments produce prime landscaping mulch, playground mulch and colored mulch with the colorizer option. Equipped with Beast knives, the Model 4680XP produces high-quality chips used in a variety of fuel wood markets.

Towable and Self-Propelled to Conquer Any Worksite.

The towable Model 4680XP comes with a standard fifth-wheel hitch for transport. Self-propelled track machines are ideal for land clearing and operations in difficult terrain where towable machines just can't reach. Track models are also favored in large yards or landings where moving towable units is difficult and time consuming. And with diesel engine options up to 1200 horsepower, the Model 4680XP easily has the power to handle the toughest jobs.

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 the wide 60-inch infeed opening, powerful infeed conveyor and feed wheel easily handles large brush bundles, 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 4680XP can also be equipped with a proportional feed system that automatically adjusts feed speed to match engine load.



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 grinding. The Beast processes shingles through the machine quicker, reducing heat while increasing production. The result is an ultra-fine end product that consistently meets stringent requirements for Recycled Asphalt Shingles (RAS) in hot-mix asphalt supplement.



Available as Stationary Units with High-Power WEG Electric Motors.

Stationary electric powered machines are becoming increasingly popular in biomass plants, mulch yards and pallet recycling yards. For electric applications, the Model 4680XP features industry-proven WEG electric motors with up to 1000 horsepower for exceptional processing capabilities. Electric units come with soft-start motors and all necessary equipment for a quick, easy setup.

The Beast Serves Renewable Biomass Markets Around the World.

The Model 4680XP provides fuel to many biomass facilities around the world. Its large capacity and horsepower capability is favored in high-production operations that deal with large amounts of material. The cuttermill is designed to break down and properly size material for use in a variety of biomass applications, such as wood pellet production or screened products 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