

# THE BEAST® MODEL 1680XP



## A COMPACT AND PRODUCTIVE HORIZONTAL GRINDER

The Model 1680XP is a great machine for light land clearing operations and those operators looking to turn trees, brush, leaves, sawmill residues and pallets into mulch and fuel wood products. This compact machine is easy to transport and makes an excellent machine for regrinding chips into mulch.



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1680-0316



**Model 1680XP**  
The Beast Recycler

## AN EXCEPTIONAL MACHINE FOR REDUCING SOLID TREES AND CHUNK WOOD.

*Like every one of The Beast recyclers, the 1680XP will reduce solid wood and trees more effectively than the closest rival.*

### THE MODEL 1680XP IS USED EXTENSIVELY BY:

- TREE SERVICES
- PLASTIC RECYCLERS
- WASTE WOOD RECYCLERS
- CLEARING CONTRACTORS
- BIOMASS ENERGY PRODUCERS
- 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 & CANE GRASS
- HEAVY-WALLED PLASTIC PIPE & MUCH MORE!

## BEAST RECYCLER SPECIFICATIONS **1680XP**

### ENGINES:

- TOWABLE:**
- 300 HP tier 4 final
  - 315 HP tier 4 final diesel
  - 275 HP tier 3 export only
  - 325 HP tier 3 export only
  - 350 HP tier 3 export only

**ELECTRIC:**  
200, 250 & 300 HP electric motors

**TRACK:**  
▪ 300 Hp tier 4 final diesel

### UNDERCARRIAGES:

**TOWABLE:**  
**AXLE** - (2) 12,000 pound electric brake axles  
**TIRES** - (8) 235/75R 17.5" tires mounted on 8-bolt HD gray rims

**TRACK:**  
**STEEL TRACK** - Two speed Caterpillar 312B steel track undercarriage.

### MEASUREMENTS:

	TOWABLE:	TRACK:
Length:	36' 4"	30'
Width:	8' 2"	8' 2"
Height:	12' 5"	12' 5"
Weight:	Apx. 25,000 lbs	Apx. 29,500 lbs
Fuel Tank:	70 gal	70 gal
Hyd.Tank:	80 gal	80 gal

### OTHER SPECIFICATIONS:

Capacity:	18"
Mill Opening:	18" X 52"
Drum:	36" diameter X 52" wide
RPM:	Approx. 800
Feed System:	(1) 20" diameter by 52" wide floating feed wheel internally driven by a hydraulic motor/gearbox combination.
Discharge:	15" long x 4' wide single speed discharge (Note: discharge is stationary)
Hitch:	3" pintle ring with (2) safety chains with hooks
Frame:	12" structural c-channel with cross bracing
Stabilizer:	(1) hydraulic front



STANDARD CUTTERBODY



KNIFE INSERT CUTTERBODY



### The Model 1680 Will Produce a More Uniform Product at a Lower Cost Per Ton or Yard.

Because of the controlled bite produced by a special raker head on each cutterbody, The Beast recycler cuts more than grinds, so the energy needed to break materials down is significantly reduced, reducing the shock load to the mill and the entire machine. As a result, fuel consumption per ton of material processed is significantly reduced and the machine will handle larger material without the need for operators to break it apart before processing. With a multitude of teeth to choose from, you can select the system that best fits the material that you are processing and your desired end product.



### Add Utility for Land Clearing and Yard Applications with a Self-Propelled Model 1680XP.

A self-propelled Model 1680XP adds great benefits to all operations in that you can take the machine to the trees in clearing applications, and you can position the machine in yards without the need of an additional towing vehicle. The self-propelled version features the proven Cat 312B undercarriage and a radio remote control that allows an operator feeding the 1680XP to control all functions of the machine.

### Electric Powered Machines Reduce Operating Costs in the Right Applications.

In applications where the unit can remain stationary, such as sawmills, pallet recycling, some mulch yards, and biomass plants, electric powered units will significantly reduce energy costs. Bandit has a team to assist in providing the motors, starters and electrical components.

### Convert the Model 1680XP to a Productive Chipper to Produce a Screened Chip.

A chipping drum option is available for the Model 1680XP, converting the unit into an effective whole tree chipper, roundwood, and sawmill residue chipper. The chipping head produces a standard 3/4-inch chip ideal for the biomass industry. The chipper head is also a great option for converting high-density plastic pipe into recyclable plastic chips. A chipping knife option is also available for the standard grinding head.



HAND-FED  
CHIPPERS

WHOLE TREE  
CHIPPERS

STATIONARY SAWMILL  
& CHIPMILL CHIPPERS

STUMP  
GRINDERS

**THE BEAST®**  
HORIZONTAL RECYCLERS

TRACK  
CARRIERS

SKID-STEER  
ATTACHMENTS



**PRODUCE COLORED MULCH  
IN A SINGLE PASS WITH THE AVAILABLE COLORIZER**



## **THE BEAST® MODEL 1680XP**

This machine is more versatile and will operate more efficiently because of the unique cutting system and the variety of teeth available.

**30' Discharge Conveyor is Available For Filling Open Top Trailers and Discharges to a Height of Just Under 15'.**

The unique, all-steel infeed conveyor and the powerful 20" diameter by 52"- wide "feed wheel yoke efficiently folds and feeds material into the 18" tall by 52"-wide infeed opening.

**THE FEED SYSTEM & INFEEED CONVEYOR WILL EFFECTIVELY PROCESS A WIDE VARIETY OF MATERIALS.**



DOUBLE SPLITTER

DOUBLE SHORT SHINGLE

2" W G55 CARBIDE

DOUBLE NR26 CARBIDE

DOUBLE BLUNT NOSE SPLITTER