

# BIO-HARVESTER™



**Biomass Collection System**  
**Fells, Chips, & Collects**  
**All in One Machine**



# Technical Specifications

GENERAL		
Track Pads	24" / 600 mm	36" / 900 mm
Weight Tractor Only	44,100 lbs.	47,500 lbs.
Weight with Head	54,100 lbs.	57,500 lbs.
Length Tractor Only	17' 1"	17' 1"
Length with Head	23' 2"	23' 2"
Height	10' 9"	10' 9"
Width Tractor	8' 6"	10' 5"
Width with Head	9'	9'
Ground Clearance	21"	21"
Ground Pressure	7.7 psi	5.5 psi
Travel Speed (Lo/Hi)	2.6 / 3.8 mph., Infinitely Variable	
Track Gauge	78"	90"
ENGINE		
Model	Caterpillar® C-13 Tier III	
Power	440 hp @ 2100 rpm	
Cylinders	Inline 6	
Fuel Tank	175 gal	
Fuel Consumption	14 - 22 gph	
Cooling	Auto-reversing fan	
PTO	2350 ft-lbs, 1320 rpm max	

The Fecon **Bio-Harvester™** is a unique piece of forestry equipment which simultaneously **fells, chips, and collects biomass**.

The material is chipped using Fecon® chipper knives or carbide tools, it is then augured into a material fan and blown into various types of collection units. The harvesting head is mounted on a Fecon FTX440 Crawler Mulcher or Large Ag Tractor. The FTX440 has the ability to withstand forest conditions and tow a collection unit.

The Bio-Harvester™ enables utilization of hazardous forest fuel loads, habitat restoration materials, and plantation thinning residues; providing a **non-agricultural renewable energy biomass supply**. The Bio-Harvester™ targets material 6"-8" in diameter and smaller. The harvester produces green forest chips from previously unutilized and fire-prone fuel ladder material. The chips can then be used to produce bioenergy via the generation of electricity or liquid fuel production.

The Bio-Harvester™ is continuing to be modified in design to increase productivity and provide a commercially competitive biomass harvesting system. The Fecon Bio-Harvester™ will be a vital tool as the United States works to economically increase usage of renewable energy.



- Operators cab must be protected with both properly maintained LEXAN® Glass (or equal) and Falling Object Protection.
- Safety Is The Responsibility Of The Operator.
- Specifications subject to change without notice.

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