

# Global Hemp Solutions



## Hemp Biomass Separator

The **Hemp Biomass Separator** is a USA Made machine that is specifically designed to separate your biomass into separate byproducts. This system will separate the stalks/stems into their own storage container, the seeds (if any) into their own container, and the floral material into a super-sack to be delivered to the processor for extraction.

With this system, you will be able to have the best possible end product for extraction. Adding the Separating Phase to your post harvest processing will also allow you to create additional byproducts for additional revenue. The separator is engineered to handle dry biomass in uniform sizes (.5"-2" particles).

By adding a pellet mill to your setup, you can process the stalks/stems for feed, animal bedding, and even fuel. There is no need to waste any of your hard earned crop. Adding these additional steps will increase your revenue as well as give you an outstanding byproduct for extraction.

There are a few models available for this system. We offer fully built mobile units that will allow your business to not only use for your facility but to also offer the services to others for a fee. The mobile units come complete with a generator so you can operate it in the field as needed. We also offer explosion proof electrical components if needed.

### Here is the best plan for your biomass from harvest to extraction:

1. **Harvest:** either whole plant or forage harvest (depending on acreage)
  - if whole plant harvest, you will need a wet shredder
  - the wet shredder will shred the entire wet plant into the proper particle size for the dryers
  - if using a forage harvester, the biomass will be ready for the dryers
2. **Drying:** use our conveyor dryer for your needed throughput
3. **Separate:** after the biomass is dried, it is ready to feed through the Separator
4. **Pellet Mill:** further process your stalks/stems for additional revenue
5. **Extraction:** process the separated floral material through extraction



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No.	Description	Specification	Pricing
1	Screener		All Models
2	Enclosed hopper/shoe	2hp	All Models
3	Debearder	15hp motor	All Models
5	Biomass Feed Conveyor	5hp	All Models
6	Stick Conveyor	1hp	All Models
7	Seed Auger	1hp	All Models
8	Electrical Panel	25hp, 30kw, 3 phase	All Models
9	Generator		Mobile Unit
10	Trailer/Leveling Jacks		Mobile Unit

**Model S1000 (Stationary): \$259,000.00**

**Model M1000 (Mobile): \$279,000.00**

**Explosion Proof (EXP) Electrical (add-on): \$30,000.00**



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**Model: M1000**



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## Our company

Global Hemp Solutions is your all inclusive post-harvest processing and extraction equipment provider. We have partnerships with some of the world's largest and best manufacturers. We not only provide you with the best equipment to help make you successful, we are there every step of the way even after the installation of the equipment. We value long term relationships and are truly here to serve you.



**GLOBAL HEMP**  
SOLUTIONS

All prices and shipping times subject to change. Please contact us for updated lead times and pricing.



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