







# BIOMASS DRYING SYSTEM









MODEL	DIMENSIONS LxWxH (in)	BATCH SIZE
BDS-110	60x88x106	94 Gallons
BDS-209	76x107x112	178 Gallons
BDS-335	80x115x119	285 Gallons
BDS-575	85x128x126	489 Gallons

-  Typical Recovery of Solvent is 37%-52% by Weight
-  Solvent Removed to less than 0.4%
-  Completely Closed System - No vapors, contaminated liquid or risk of exposure
-  Low maintenance - Designed and constructed for maximum duty cycles
-  Explosion-Proof Class 1, Div. 1
-  Reduced Costs - Disposal costs reduced up to 100%

## PLC Controls:

- Tie into level control devices
- Control transfer pumps
- High volume recovery
- Accurate heat control
- Process - viewing window

-  Circulated heating oil - Attain process temperature faster and maintain the temperature more efficiently
-  85% Process charge up to 85% Vessel Capacity
-  100% Potential 100% useable Biomass
-  Auto Cool Down - Decreases cycle time by cooling the distillation vessel at the end of the process
-  Screw conveyor feed and discharge
-  Agitated process optimizes heat distribution and minimizes cycle times

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*We Complete the Cycle*