Moisture Conditioning (MC™) Battery Condenser – 72"

The most reliable, effective, and uniform way to add moisture to lint cotton.

Since its introduction, the MC[™] Battery Condenser (in its overshot configuration) has proven itself throughout the world in some of the highest capacity ginning operations. Its reputation for trouble-free operation and reliability is well-earned.

Condenser Features:

- Compression rollers operated by air cylinders compress cotton into a uniform batt for more efficient baling
- Quick-change flashing allows easy maintenance of condenser drum seals
- Hot, dry air applied to keep perforated drum clean and minimize potential for moisture build-up
- Floating rollers allow wads to pass without choking
- 72" diameter drum allows for high airflow with a low static pressure drop
- Moist air inlet allows moisture to be added directly to the lint batt just prior to the doffing assembly
- Moist air is pulled completely through the batt, which ensures thorough moisture infusion into the fiber
- Condenser can be operated without moisture addition
- Available in either single-draft or dual-draft exhaust configuration
- 10-HP Motor with AC Inverter Drive package is included to accommodate for fluctuations in ginning rates

Benefits

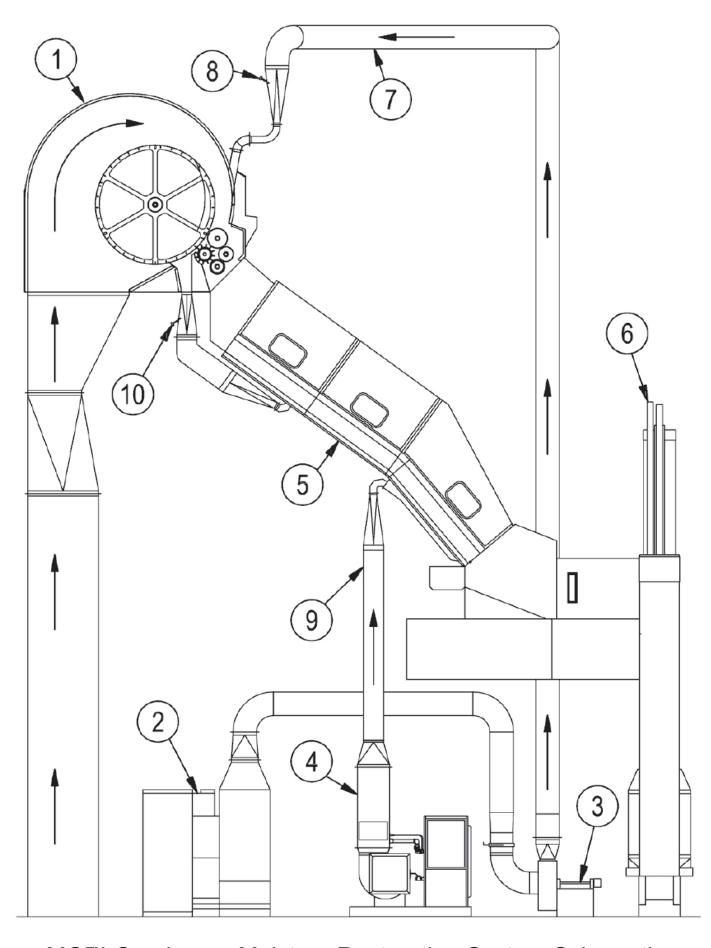
- Adds moisture without choking
- Improves gin lint turnout
- Increases press capacity
- Improves pusher/tramper performance
- Lowers hydraulic pressure at the press
- Reduces lint fly

System Schematic Legend (see diagram at right)

- 1. MC™ Battery Condenser
- 2. Moisture Unit
- 3. Moist Air Fan
- 4. 1 MBTU "Pony" Burner with integral Blower
- 5. Lint Slide with Hot Air Jacket
- 6. Press
- 7. Warm, Moist Air In
- 8. Warm, Moist Air Temperature Sensor
- 9. Hot, Dry Air In
- 10. Hot, Dry Air Temperature Sensor



72" diameter MC™ Battery Condenser



MC™ Condenser Moisture Restoration System Schematic



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