

**SPECIFICATIONS**

Item	Measurement	Specification
Water Tank . . . . .	Capacity . . . . .	870.5 L (230 U.S. gal)
Water System Pressure . . . . .	Operating Pressure . . . . .	103—172 kPa (15—25 psi)

N01;;32005 -F 031187

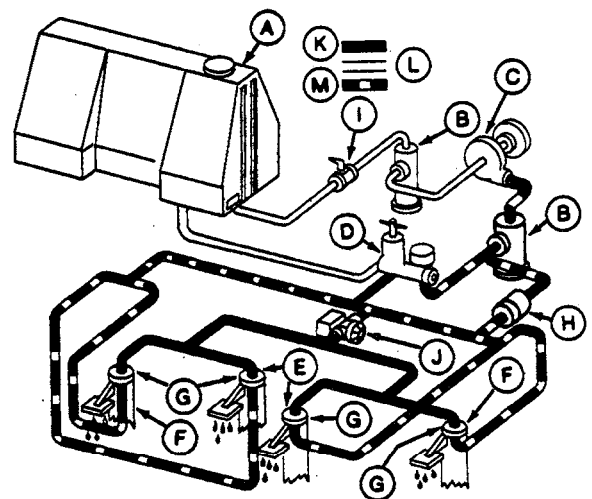
**MOISTENER SYSTEM OPERATION**

The moistener system consists of the tank (A), located between the cab and basket, strainers (B), pump (C), control valve and gauge (D), moistener columns (E, F) with spray-nozzle heads (G), flush valve (H), shut-off valve (I), and check valves (J). Operating pressures are indicated (K, L, M).

Normal operating pressure is 103—172 kPa (15—25 psi), and may be adjusted at the control valve. The flushing system solution is controlled by the flush valve as desired.

*NOTE: Moistener columns are shown for two units only.*

- |                     |                  |
|---------------------|------------------|
| A—Tank              | H—Flush Valve    |
| B—Strainers         | I—Shut-Off Valve |
| C—Pump              | J—Check Valve    |
| D—Moistener Control | K—Pressure       |
| E—Rear Column       | L—No Pressure    |
| F—Front Column      | M—Flush          |
| G—Spray Nozzle      |                  |



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## DIAGNOSE WATER SYSTEM MALFUNCTIONS

PROBLEM	POSSIBLE CAUSE	POSSIBLE REMEDY
<b>Spindles coated with green stain.</b>	Water system not cleaned, adjusted or operated properly.	Clean and adjust complete water system.
	Not using a wetting agent, or spindle cleaner.	Use John Deere wetting agent or spindle cleaner.
	Not flushing system.	Operate flush system.
	Moistener column not adjusted.	Adjust moistener column.
<b>Loss of pressure in water system.</b>	Belt broken or slipping.	Replace or tighten.
	Water system plugged.	Clean and adjust system.
	Broken hose.	Replace hose.
	Air lock.	Pull flush valve open.
<b>Too many bolls left on plant, picker tags cotton.</b>	Water system not adjusted, operated, or cleaned properly.	Clean and adjust water system.
<b>Spindles not doffed.</b>	Water system not adjusted, cleaned or operated properly.	Clean and adjust water system.

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