

## MAGPOWR Dancer / Follower Arm Control



Need control of a dancer, follower arm or both? No problem, as MAGPOWR's DFC-90 and DFC-A low-cost tension controls can handle either operation mode.

**Dancer Mode:** The DFC-90 and DFC-A are full PID closed-loop dancer controls, controlling web tension by sensing the position of the dancer arm through a DFP or DFP-2 Position Sensor and adjusting the clutch, brake or motor control torque accordingly to maintain the dancer position set point.

**Follower Arm Mode:** The DFC-90 and DFC-A control web tension by compensating for measured changes in the roll diameter. Roll diameter changes are measured through the DFP or DFP-2 Position Sensor and a follower arm. An optional Stop Multiplier provides additional stopping torque to help stop large unwind rolls.

### Key Features:

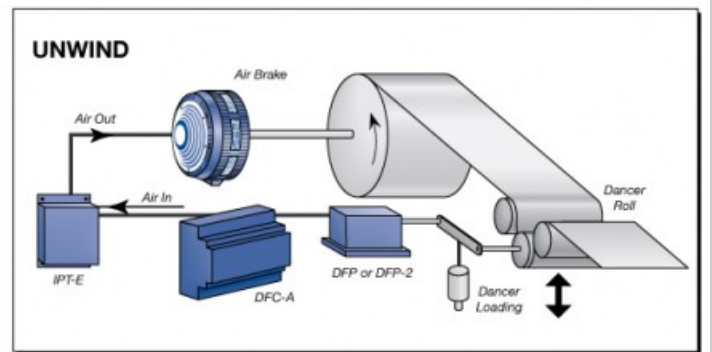
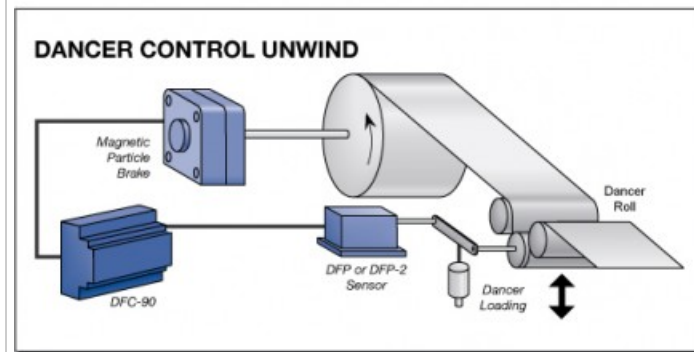
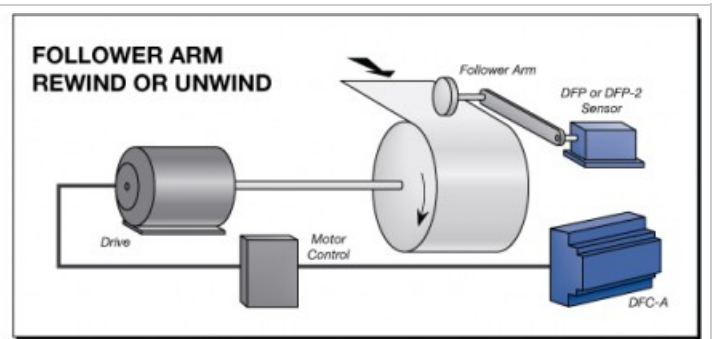
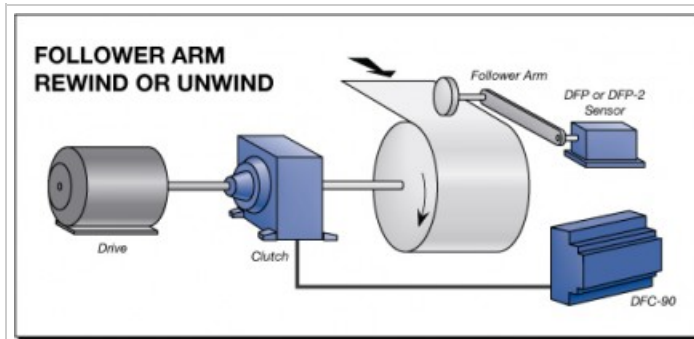
- Superior control performance at an affordable price
- Enhanced dancer algorithm and tuning method for performance
- Non-interactive Core and Full Roll adjustments
- Compact enclosure requires minimal space
- Simplicity of DIN rail mounting
- UL and CE Approved for safety and electrical noise immunity

#### Applications:

- DFC-90: Dancer or Follower Arm Control of a magnetic particle clutch or brake
- DFC-A: Dancer or Follower Arm Control of a pneumatic brake, clutch or motor drive

# Specifications:

[View this product in the Interactive Designer Notebook](#)



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