

High Performance Compact Drive MH300

Transmission & Tension Control Solutions



Outstanding Drive Performance

- Supports induction and PM motors with optional PG cards for highly precise speed and position control
- Provides powerful torque output at low frequency (0.5Hz/200% without PG vector control; 0 Hz/200% with PG vector control) for stable heavy duty operation at low speed and high torque

Strong System Support

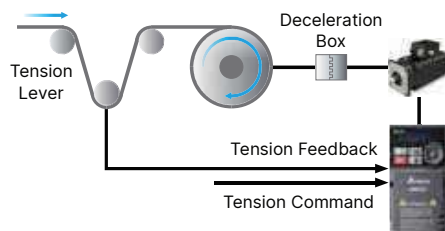
- Built-in PLC with 5k steps; system programming function saves costs
- Highly safe and reliable with Safe Torque Off (STO) SIL2/PL d
- All models can be connected through common DC bus
- Built-in Modbus and CANopen communication; optional communication card: EtherNet/IP, Modbus TCP, EtherCAT, DeviceNet, PROFIBUS DP, and PROFINET

Flexible Expansion

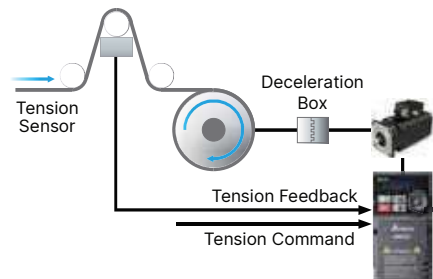
- Built-in two 33kHz high-speed pulse input terminals (MI6 & 7) and one output terminal (DFM)
- Built-in two accessory card slots for PG card, I/O expansion card, communication card, or 24 V power card at the same time

Tension Control

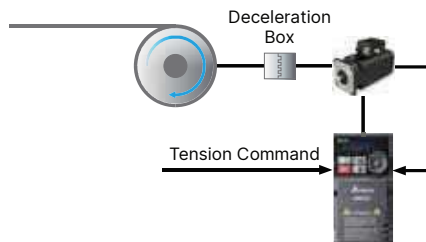
Closed-loop tension, speed control



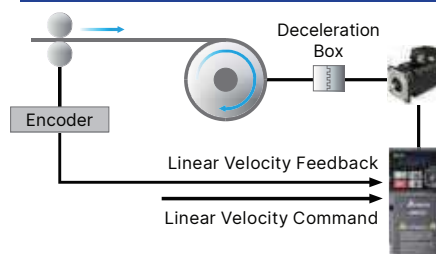
Closed-loop tension, torque control



Open-loop tension, torque control



Steady linear velocity control



Applications

Machine tools, s machinery, Woodworking machinery, Rubber and plastic machinery, Winding/unwinding applications



Power Range	0.2kW	0.4kW	0.75kW	1.5kW	2.2kW	3kW	3.7/4kW	5.5kW	7.5kW	11kW	15kW	18.5kW	22kW	30kW	37kW	45kW	55kW	75kW
	0.25HP	0.5HP	1HP	2HP	3HP	4HP	5HP	7.5HP	10HP	15HP	20HP	25HP	30HP	40HP	50HP	60HP	75HP	100HP
MH300	115V/1-phase																	
	230V/1-phase																	
	230V/3-phase					230V/3-phase												
	460V/3-phase																	