

Haxgonal Steelwire Winding Machine 六角形钢丝缠绕机

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About The Machine



Function

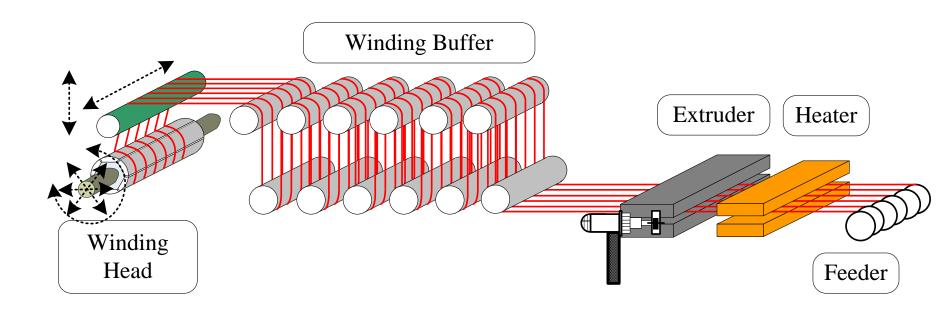
Haxgonal steelwire bead and wind machine is a new generation for tyre industry. It produces wired-edge cycle for tyre.





Brief View



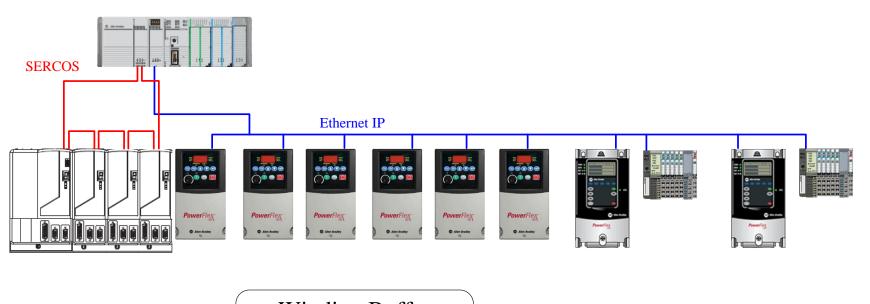


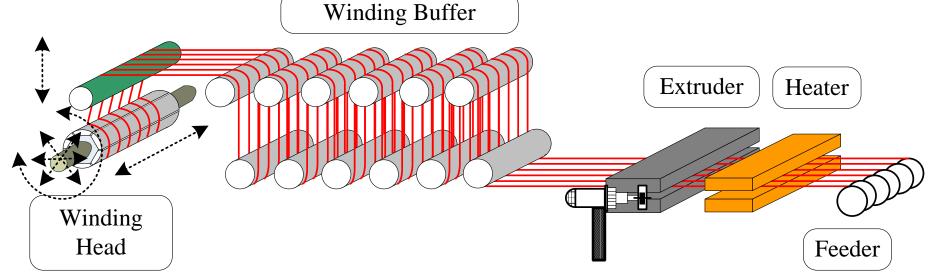
- Feeder:Continously supply steelwire to line.
- Heater: Heat steelwire before extruder.
- Extruder:Cover plastic layer above steelwire.
- Winding Buffer: Automaticaly adjust infeed wire's length corresponding to winding speed
- Winding Head:Wind wire to a haxganol cycle.



Control System





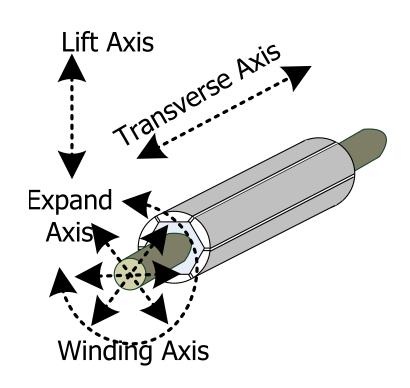




Key Requirements



- The winding head is made up of four axis: winding,transverse,Lift and Expand Axis.
- Winding asis is the master and other axises are the slaves.
- Every one cycle master rotated, the slave should quickly move forward/afterward for a certain distance.
- While machine running, winding head rotates in high speed. It requires the slave axis a quick responsed action.

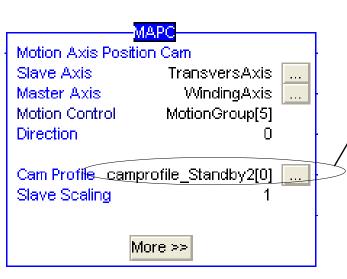


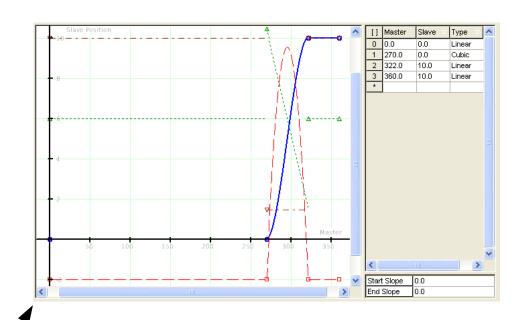


Cam Profile Design



- Rockwell Cam Function Can predefine the camprofile.
- Advanced motion task timing design help you realize the real-time AUTOCAM!





No fabric signal!

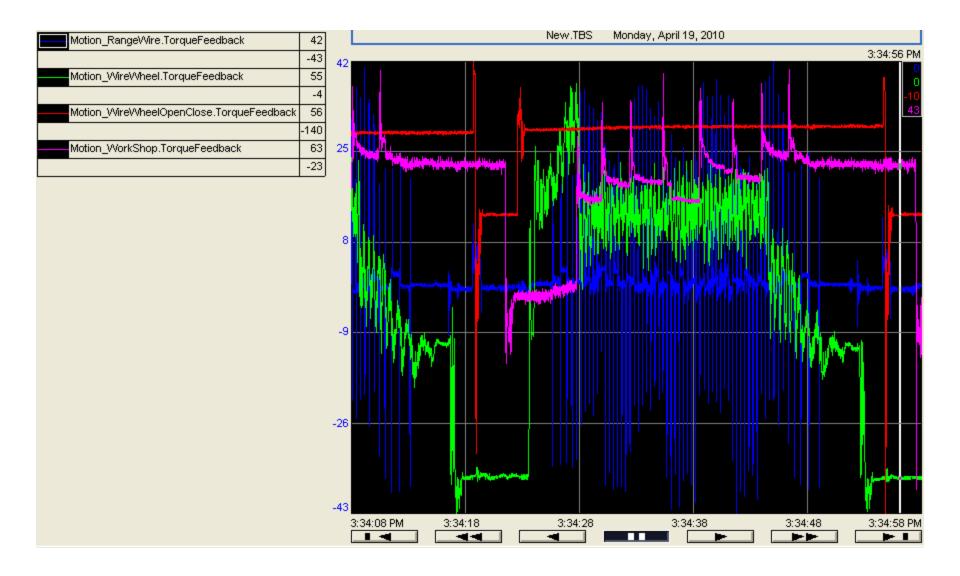
No more lad program!

No additional motion software!



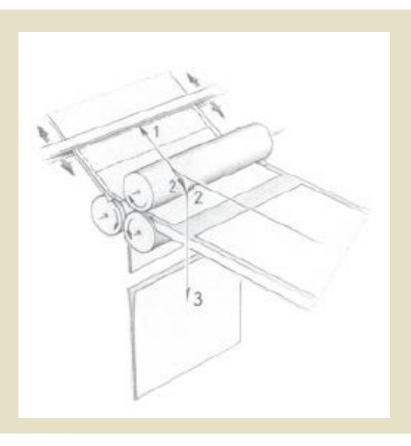
Torque Performance











Question?

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