

Product Comparison

Tension Controller Performance Features



FEATURE

TensionManager
(Digital)

WebHandler 3
(Digital)

SteadyWeb
(Analog)

WebHandler 2
(Analog)

FEATURE	TensionManager (Digital)	WebHandler 3 (Digital)	SteadyWeb (Analog)	WebHandler 2 (Analog)
115/230 VAC operation	24 Vdc input	•	•	•
Auto and manual control modes	•	•	•	•
Choice of output modes: P = 0-75 psi; V = 0-90 Vdc (24 or 45 Vdc opt.); D = 0-10 vdc	•	•	•	•
Non-isolated 0 to 10 V control output	•	•	•	• (or 0-1mA meter output)
Non-isolated 4 to 20 mA control output			•	•
Non-isolated 0 to 10 V tension output	•	•	•	
Non-isolated 4 to 20 mA tension output			•	
Isolated 0 to 10 V control output (D version only)	• (option)	• (option)	•	•
Isolated 4 to 20 mA control or tension output	• (option)	• (option)		
Remote Tension Amplifier capability	•	•	• (option)	• (option)
Meter damping	• (fixed)	• (fixed)	• (adjustable)	• (adjustable)
Speed Follower Mode	• (speed module)*	• (option)	• (option)	• (option)
Diameter Compensated Speed Follower Mode	• (speed module)*	• (option)		
Digital tension meter	• (RCT interface)	•	• (option)	• (option)
E-stop	•	•	•	•
Soft start by tension	•	•	•	•
Soft start by line speed	• (speed module)*	• (option)	•	
Extended Range	•	•	•	•
Reverse output	•	• (option)	• (option)	• (option)
Taper by 0-10V input, DC tach or pulse tach	• (speed module)*	• (option)	• (option)	• (option)
Taper by diameter calculation	• (speed module)*	• (option)	• (option)	
Tension limit LOW	•	•	• (option)	•
Tension limit HIGH	•	•	• (option)	
Dual transducer input	• (option)		• (option)	
Dual calibration	•		• (option)	
Output meter		• (digital display)	•	
Remote auto set-pot	• (option)		•	
Remote tension-on/ tension-off	• (option)	•	•	
Pneumatics	separate module	separate module	integrated	separate module
Sample and Hold	• (ratio 1:1)	• (ratio 1:1)	•	
Ratio	•	•	•	
PLI tension readout and setpoint	•	•		
Setup uploads from RCT, PC or laptop PC	•	•		
Storage and recall of job setup parameters	•	•		
Ultrasonic sensor - direct input	•	•	•	•
Rider Roll input	• (speed module)*	•	•	•
Multiple operator interface options	• (4 choices)	• (3 choices)		
User-friendly setup and calibration	•	•		
Serial and Fieldbus communication capabilities	•	•		

* Speed module required if signal into Control Module is not 0-10Vdc.