

# H-SERIES PRESS

Promess delivers solutions engineered for the most critical applications. Our high-precision systems ensure superior measurement and control, providing optimal performance. Designed with safety top of mind, our hazardous location press meets C2 Div1 standards, making it ideal for operations in areas with energetic powders.

Whether you need tailored or standard solutions, our technology guarantees accurate force control, ensuring precise measurement and application for mission-critical defense operations. With versatile capabilities, Promess systems are reliable in both inert and hazardous manufacturing locations, and our expert application specialists are available to discuss your specific requirements.

## FEATURES AND BENEFITS

- + Flexibility
- + Closed-loop movement to a position or force
- + Closed-loop movement to an external sensor
- + External signals can include: force, position, flow, pressure, temperature, etc.
- + Gauging functions
- + Signature monitoring
- + Data acquisition and storage
- + Network multiple part programs
- + Calibrated for work in compression or tension
- + Easy programming

## MONITORING CAPABILITIES

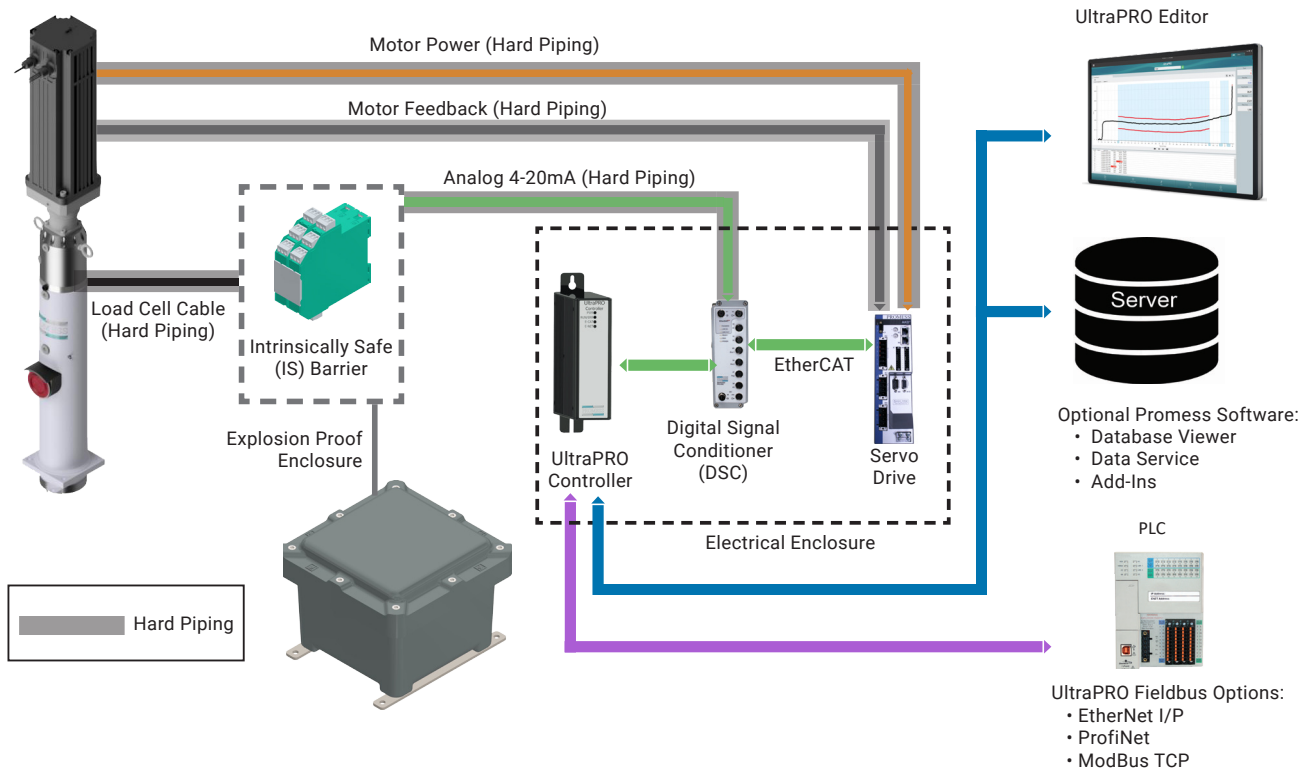
- + Force/position signature monitoring
- + Force signature is learned by a teach-in process
- + Adjustable process limits and tolerances
- + Display of force/position graphs, zooming and printing
- + Gauging functions
- + Data acquisition and storage



## APPLICATIONS

- + Crimping
- + Compaction
- + Pressing
- + Staking
- + Forming
- + Riveting

## SYSTEM LAYOUT



H-Series Sizes	Force		Stroke		Speed
	kN	Lbs	mm	inch	mm/sec
H-Series Press 10kN	10	2,250	350	13.78	100
H-Series Press 30kN	30	6,750	350	13.78	100
H-Series Press 50kN	50	11,240	330	13	100
H-Series Press 100kN	100	22,500	330	13	50
H-Series Press 300kN	300	67,500	400	15.75	100
H-Series Press 500kN	500	112,000	400	15.75	70



11429 Grand River Road | P.O. Box 748 | Brighton, Michigan 48116-9547  
 810-229-9334 | FAX 810-229-8125 | promess@promessinc.com | promessinc.com  
 Copyright © Promess Incorporated. All rights reserved