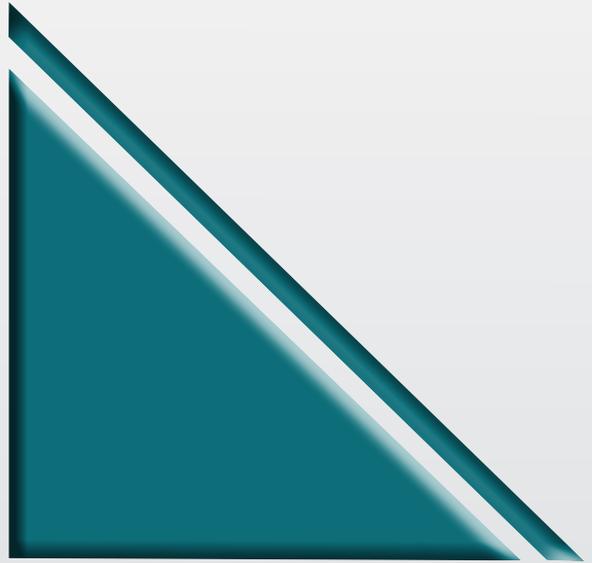
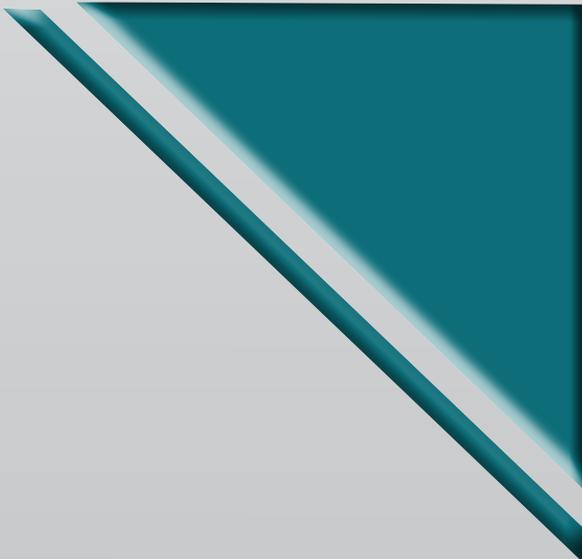




Sensing Systems for Manufacturing



Rotational Electro-Mechanical Assembly Press



Providing fully programmable control of both linear and rotational motion with integrated force and torque sensing

Rotational Electro-Mechanical Assembly Press

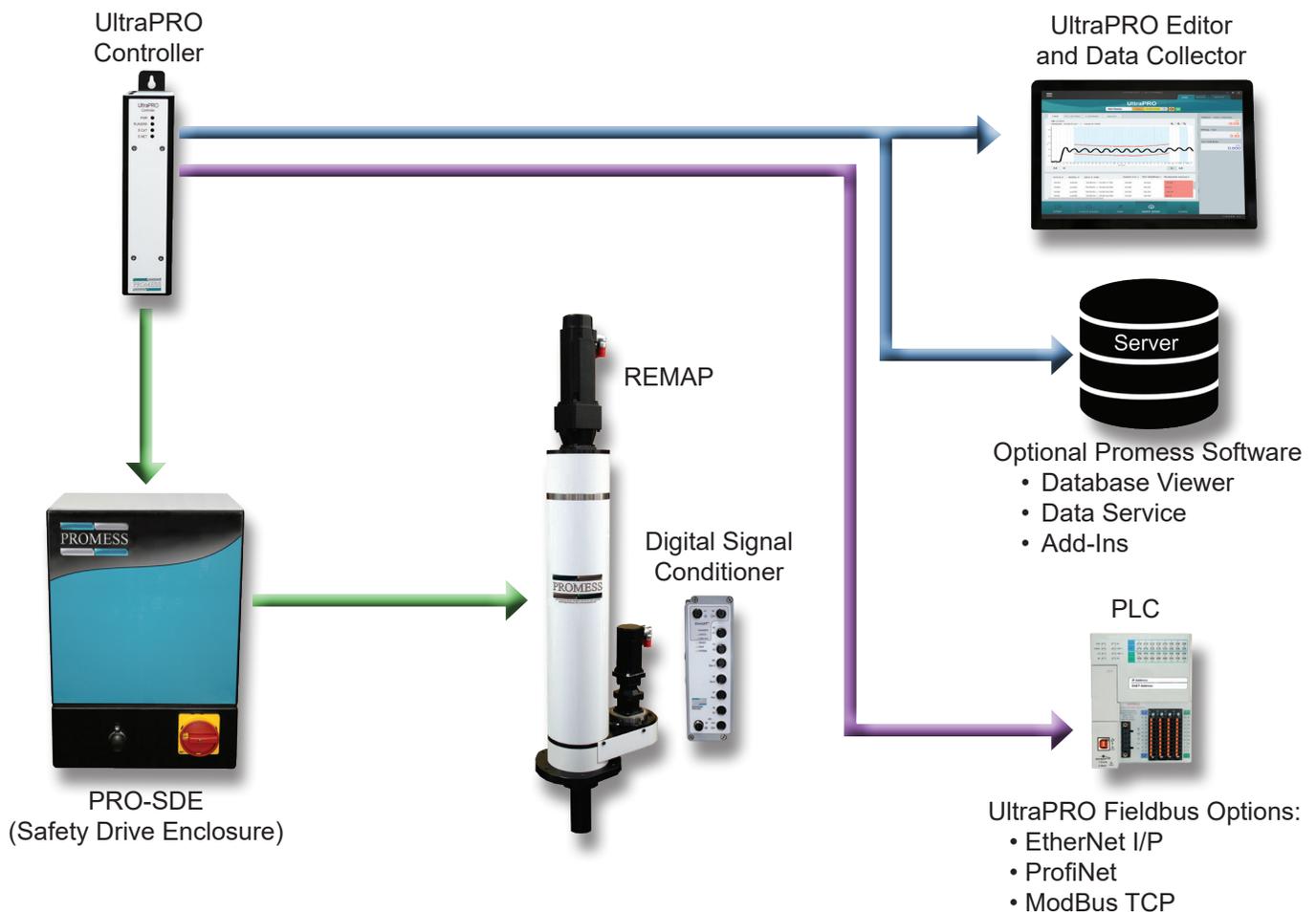
As every application places different demands on assembly and test systems, Promess has designed a complete line of electro-mechanical rotating press systems to provide a solution for the most demanding applications.

Rotational Electric Press Sizes*				
Linear Axis			Rotational Axis	
Force (kN)	Stroke (mm)	Speed (mm/sec)	Torque (Nm)	Speed (RPM)
1	100	200	20, 50, 100	250
5	200	200	20, 50, 100, 200	250
12	400	200	20, 50, 100, 200	250
20	400	200	20, 50, 100, 200	250
30	400	175	20, 50, 100, 200	250
40	400	200	20, 50, 100, 200	250
60	400	150	20, 50, 100, 200	250

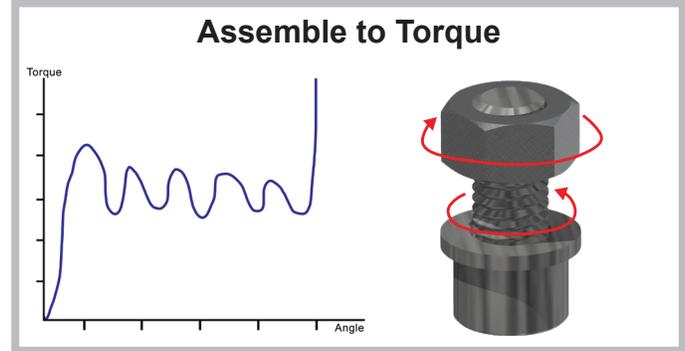
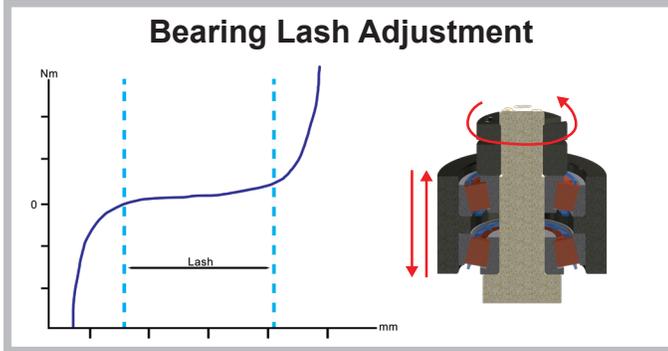
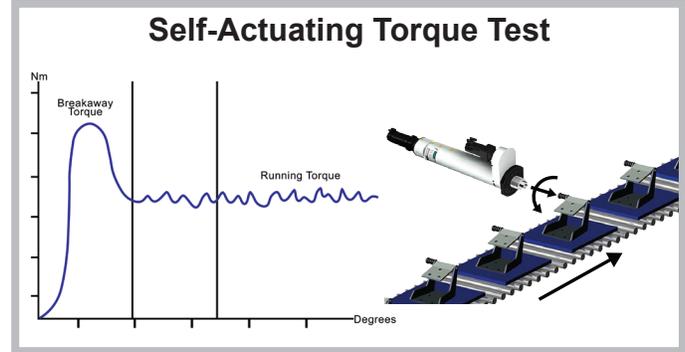
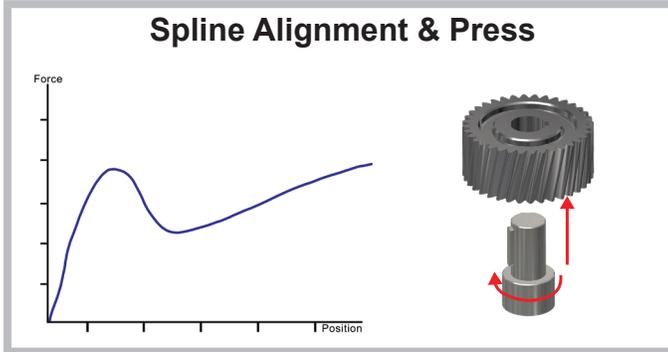
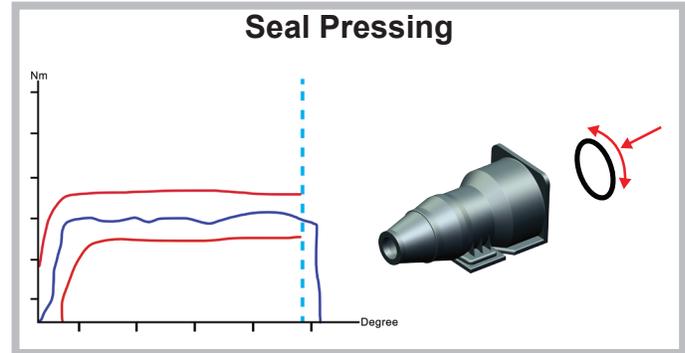
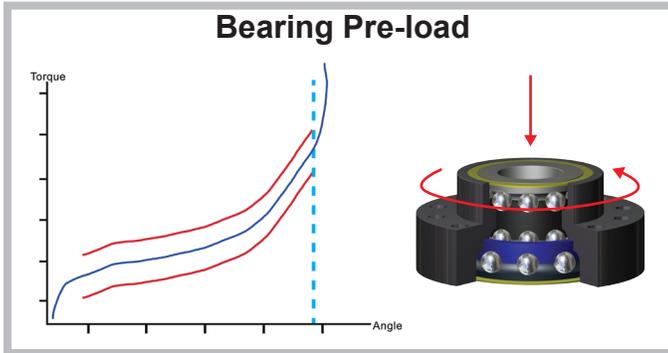
*Custom configurations available upon request



System Layout



REMAP Applications



Features and Benefits

Features/Capabilities:

- Press ram extends, retracts and rotates
- Coordinated motion control
- Programmable position, velocity, acceleration, angle, angular velocity, angular acceleration and relative and absolute limits
- Press to position
- Turn to angle
- Press to force
- Turn to torque
- Promess' patented DABEX data analysis, any combination of torque, angle, position or force
- Gauging of sensing data points such as force, torque, position and angle (single point, minimum, maximum and average) values
- Adjustable process limits and tolerances



Process Development Center

Promess would like to invite you to our Process Development Center. The PDC is available to help you develop your processes and confirm the Promess technology that is best suited for your application. Call today to set up a visit.

The Process Development Center gives you access to:

- EMAP (Electro-Mechanical Assembly Press) Work Stations with capabilities ranging from 0.2kN-300kN
- TorquePRO stations ranging from 1Nm-600Nm
- REMAP (Rotational Electro-Mechanical Assembly Presses) which combines rotational and linear motion in one machine



Promess Incorporated



Promess is recognized as a leading U.S. manufacturer of highly adaptive monitoring and motion control systems used by companies around the world to assemble and test their products.



11429 Grand River Road
P.O. Box 748 • Brighton, MI 48116
810-229-9334 • Fax: 810-229-8125
promessinc.com • promess@promessinc.com
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Cloning the perfect part