

# Work Station **BROCHURE**

Half the cost, twice the technology.  
Fully electric assembly cell with built-in  
monitoring

The logo for PROMESS, featuring the word "PROMESS" in a stylized, outlined font. The text is centered between two horizontal bars. The top bar is teal on the left and grey on the right. The bottom bar is grey on the left and teal on the right.

PROMESS

# WORK STATION



The Promess Work Station is a stand-alone system featuring a Promess motion controller and either a Promess Electro-Mechanical Assembly Press (EMAP), a TorquePRO motorized torque system or a Rotational Electro-Mechanical Assembly Press (REMAP), depending on application requirements. The Work Station provides a flexible foundation for use in production, test and lab applications.



Electric Press Work Stations Include:

- + Promess servo press
- + Promess motion controller
- + Force transducer
- + Press stand with C-frame or 4-post frame
- + Light curtain for operator safety
- + Programming software

## Controllability

- + Integrated with EMAP, REMAP or TorquePRO
- + Simple Programming
- + Position Sensing
- + Force Feedback

## Scalability

- + Standard Station sizes with short lead times
- + Easily add capacity to any production scenario
- + Repurpose as production numbers scale down

# WORK STATION SIZES

Work Stations are available with EMAP, REMAP and TorquePRO technology



# FRAME OPTIONS



For more options  
follow QR code to  
our website



Floor Mount C-Frame Configuration



4-Post Configuration



Benchtop Press Configuration

## FEATURES + CAPABILITIES

### Features

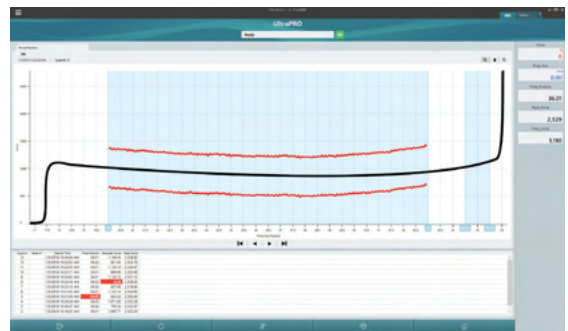
- + Flexibility
- + Programmable stop points (positions)
- + Programmable speed and acceleration
- + Press to position
- + Press to force
- + Press to rate of change
- + Data acquisition
- + Push and pull capabilities

### Options

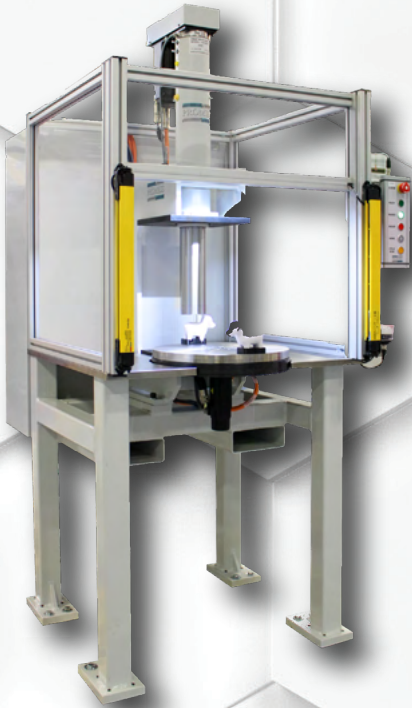
- + External position transducer
- + Additional load cell ranges
- + Safety door
- + HMI with keyboard and mouse

### Monitoring Capabilities

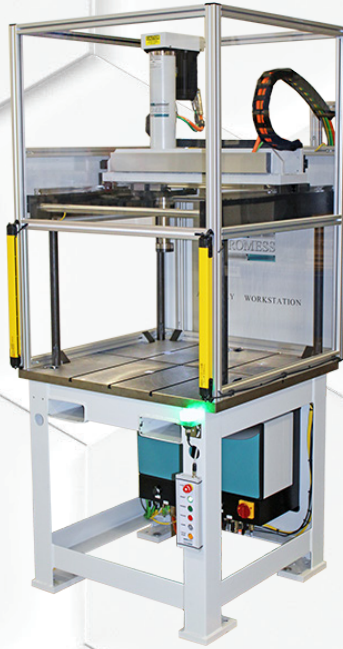
- + Force vs. position signature monitoring
- + Data acquisition
- + Display of force vs. position graphs, zooming and printing
- + Gauging functions
- + Adjustable process limits and tolerances



# WORK STATION ACCESSORIES



Index Work Station



Gantry Work Station



Platen Press Work Station

# 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. In addition to in-person process development, you are also encouraged to send in your parts to be proved out by our expert Application Engineers.



11429 Grand River Road, Brighton, MI 48116 | 810-229-9334 | [promessinc.com](http://promessinc.com) | [promess@promessinc.com](mailto:promess@promessinc.com)  
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