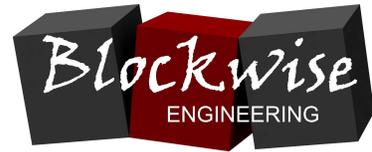


J-Crimp™ Compression Station Model RJD & RJE



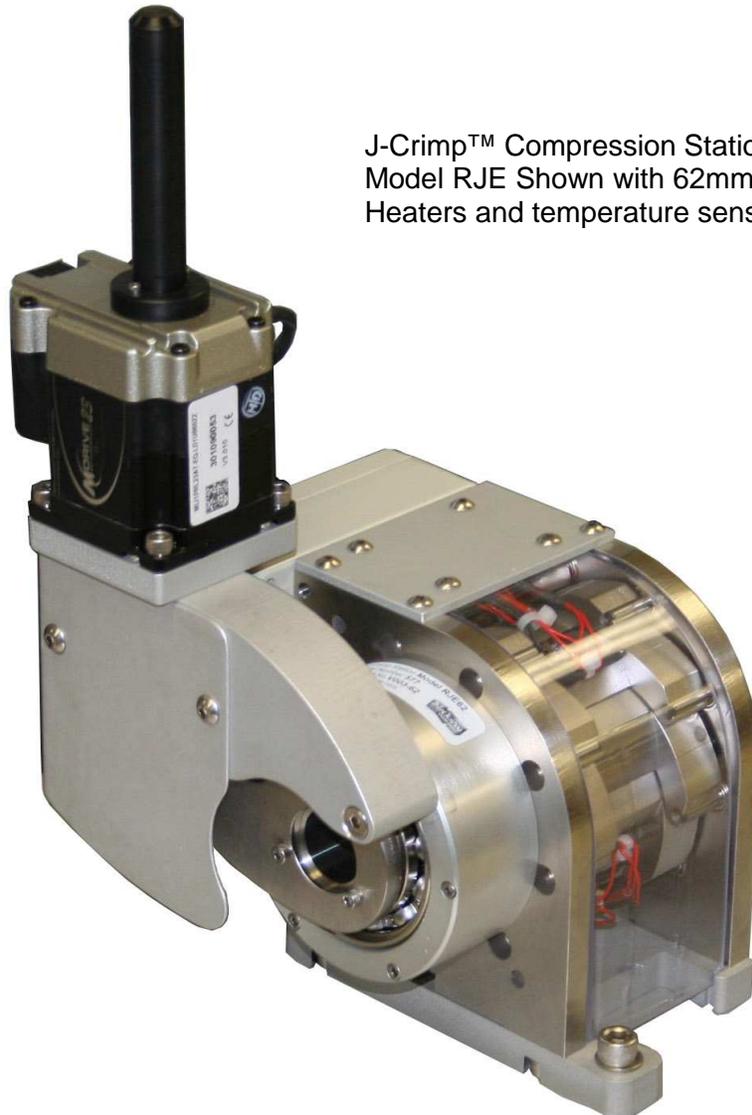
Blockwise Engineering, LLC

<http://www.blockwise.com>

Blockwise's J-Crimp™ (patent pending) radial compression station is sold independently for incorporation into your equipment. The J-Crimp™ mechanism provides a wide diameter range with minimized gaps between the dies. The compression stations are available with either a pneumatic actuator or a stepper motor with integrated motion controller and drive.

Model RJD has pneumatic actuation cylinder mounted to the compression station. There is a mechanical closed-diameter stop screw with fine adjustment.

Model RJE has a rotor-nut stepper motor with an integrated encoder for precise control of the compression diameter. The motor has a built-in drive and motion controller. The actuator force is measured by a transducer with high-level output. The compression head ships with cabling providing RS-485 connectivity to the motor. Mating panel mount connectors are provided for all electrical connections.



J-Crimp™ Compression Station
Model RJE Shown with 62mm Length,
Heaters and temperature sensor

Available **Options** include:

Compression Force Transducer, measures actuator force with built-in signal conditioning and a .5 to 4.5 volt output (Standard on RJE).

Digital Readout of Opening Diameter by a dial indicator (RJD only).

Heaters and Temperature Sensor – station is wired for used with your temperature control system; includes cartridge heaters, temperature sensor, and over-temperature switch installed in the dies, and electrical connector for compression station.

Specifications:

Compression Station Opening Diameter Range	0 to 16 mm
Die Lengths Available:	62 mm, 124 mm, custom
Die Material	Hardened Stainless Steel
Die-to-Die Gap	Appx 0.002 inch to 0.0035 inch
Die Heating Temperature Range (Optional)	Room temperature-100° C
Maximum Total Radial Force Available	(RJD:215 lbf @100psi RJE:300 lbf)
Number of Compression Dies	9
Station Dimensions	172 mm deep x 305 mm high, (78 mm + die length) width



J-Crimp™ Compression Station
Model RJD Shown with 62mm Length,
No Options