Model 3000SL-RB

The model 3000SL-RB is specifically designed for extraordinary testing requirements. Typical applications include testing reinforcing bars, standard plate and rod specimens, concrete cylinders, and other critical materials and products.
The robust design that incorporates quality materials and precision engineering ensures a testing capability, even at full load, day in, day out. Test machines become complete, powerful test systems with the addition of grips to hold the specimen, strain measurement instrumentation and Tinius Olsen's Horizon Data Analysis software.

Optional servo control
As dependable as the basic manually controlled Super "L" is, the rate at which load is applied is determined by the operator. Therefore, as an option, the Super "L" can be supplied with closed-loop servo control capability. This closed loop control system constantly monitors the test in progress and regulates the testing rate to maintain the preset conditions.
This option enables you to conduct compression tests and flexure tests automatically and ensures consistent testing control free from operator variability. Also, the valuable closedloop servo control feature can be added easily to the machine at a later date by the addition of hardware and software options.

Features And Benefits

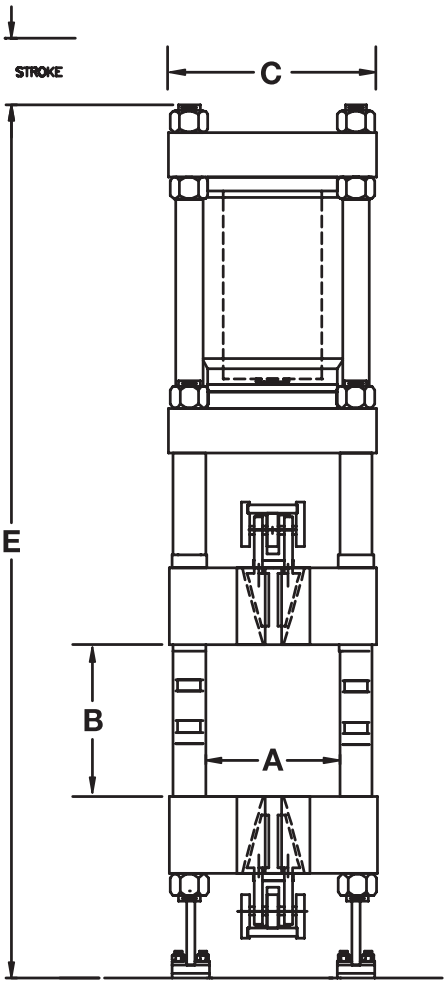
- **Suitable for tension and compression to a maximum force of 3000kN/600,000lbf.**
- **Four column rugged design underpins the frame stiffness and power.**
- **The unique friction-free piston operation gives exacting control of movement be it under constant speed, stress or strain.**
- **Different system interface options are available, from a familiar tethered handheld interface, a wireless Bluetooth interface panel running an Android application, or virtual machine controller application running on a PC. All interfaces work with Horizon Data Analysis software.**
- **Meets or exceeds the requirements of national and international standard for materials testing systems.**

OPTIONS

- Grips to accomodate flat or round tensile specimens.
- Extended height columns/screws can be discussed with Engg.
- Standard or L shape workstation configuration.

ACCESSORIES

- Full range of precision extensometers and deflectometers using optical, video, laser, encoder, strain gauge and/or LVDT technologies.
- Safety enclosures with interlocks to protect operators from violent specimen breaks.
- Tinius Olsen's Horizon control, analysis and reporting software on a single PC station and/or a PC station in network deployment.



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