Your full-service metal fabrication partner.

M-3 & Associates is introducing the new ErgoSpring™ System

Ramp door spring systems have been made the same way for 30 years. Very little thought has gone into how to improve the installation and user experience. That changes with M-3 & Associates introduction of the ErgoSpring™ System. Our new system provides our customers ways to save time and money over conventional systems.

The new ErgoSpring™ system replaces the tube mounted plate with a hanger bracket. The bearing is integrated into the cone of the spring. This provides several options when mounting and shipping the spring system.

The first option is to do nothing. The ErgoSpring™ will mount and ship just like the traditional systems. However, if you want to take advantage of the hanger system, we can ship the brackets separate from the spring system. This allows you to weld or bolt the bracket at the beginning of the line and hang the spring system, with one person, near the end of the line.
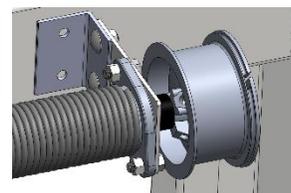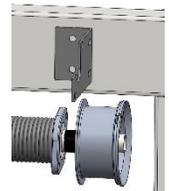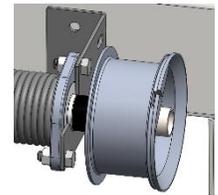
There are only two bolts for each hanger, compared to four for the traditional systems. Also, there is only one hand to the bracket. Since the bracket feet are covered by the spring system, there is no need for a right and a left, reducing part numbers.

For existing systems, the ErgoSpring™ is fully retrofittable to existing brackets. The slotted holes on the side of the are designed to line up with the traditional brackets.

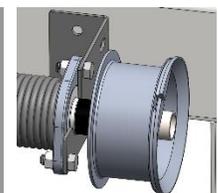*Traditional System with 4 bolts* *ErgoSpring™ Hanger with 2 bolts*

The ErgoSpring™ will start rolling out shortly and replace out traditional system. As stated, current customers do not have to change anything to utilize the system. However, we encourage you to look at your production flow to find ways to take advantage of the labor and / or freight savings the system can offer.

If you have additional questions, please contact us at:

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