Both the Autotek nut feeding system and the Autotek stud feeding system were created on one premise. That premise was “simple innovation”. Both systems were designed under one concept; to contain the part and deliver it to the work piece. The patented dual action cylinder is what makes all of this possible.

The patented “Gripper” cylinder is a double action cylinder. The first action brings the nut to the weld piece. The second strips the nut onto the weld piece. What makes this cylinder unique is the use of a spring loaded “Gripper”. The “Gripper” physically holds onto to the inside of the nut, and carries it down to the weld piece. It was designed to work in an environment, where magnetism or vacuum is less than ideal.

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The single largest complaint we have heard, is that the customer can’t get service or spare parts in a timely manner. Manufacturing Plus is our response. With locations already in Grand Rapids, and Detroit, Michigan, Autotek has added two more locations. One in Burlington, Ontario, and one in Tennessee. Regardless of where the systems are manufactured, they will still look and function the same.

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The “stud” cylinder works very much the same as the “Gripper” cylinder. It is also a double action cylinder. The first action brings the stud to the weld piece. The second brings a “hammer” forward, which pushes the stud out of the “jaws”, and into the welding position.