

Origa Rodless Cylinders @Work:

Sewing Machine Feed

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Problem

A company required a cost effective method of moving finished material away from the work area of an industrial sewing machine. Conventional long stroke cylinders with complex guidance mechanisms proved difficult and expensive to install and required too much space.

Solution

The inherent rigidity and self-guidance of Origa Rodless Cylinders solved this company's problem. A grabber directly attached to the piston yoke of a 25mm diameter, 600mm stroke Origa pneumatic actuator picks up and advances the material without the need for external guiding rods.

Results

The simplified engineering content of Origa Rodless Cylinders cut assembly time by half and significantly reduced installation costs. The excellent stroke to body length ratio of Origa cylinders enabled this company to install a compact ancillary machine that operates with virtually no maintenance and repeated reliability. Additionally the machine proved aesthetically pleasing.

