



Application Description

A 2-1/2" bore, 2-stage, multiple power Flat-1® cylinder with a 1" stroke is being used to engage the downward motion of the stem press base. The stem press is being used to press two dissimilar materials together.

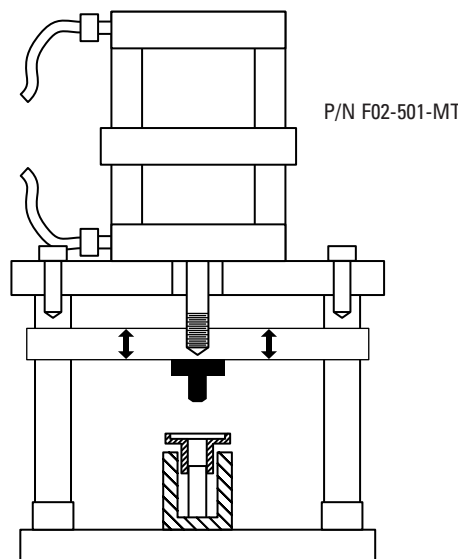
Why Was Bimba Specified

The manufacturer chose the Bimba Flat-1 cylinder because these space-saving cylinders multiply force output. Bimba's excellent technical support and delivery capabilities also played a key role in the selection. The cylinder eliminated the need for a higher pressure pneumatic or hydraulic system.

Application Results

The addition of the Bimba Flat-1 cylinder to the stem press significantly reduced costs for this pneumatic control manufacturer. Not only were two manufacturing processes eliminated, the manufacturer also experienced an improvement in their throughput.

Application Drawing



Application Profile

PNEUMATIC CONTROL
MANUFACTURING