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Air Boosters Double Pressure, Output Forces

Challenge:

A customer was receiving inadequate air pressure in an area of the plant where a machine with multiple cylinders that require higher pressures is located. They were having problems finding a solution that would supply ample pressure and fit into their tight space envelope.

Solution:

Bimba developed a self contained Air Booster that increases air pressure input, which increases the output force of the cylinder.

The Air Booster comes in three options, the Basic 2:1, High Flow 2:1, and 4:1.

The 2:1 options double the input pressure, with maximum input pressure topping out at 125 psi, resulting in 250 psi output pressure. The 4:1 option has a maximum input pressure of 63 psi, resulting in an output pressure of 252 psi.

This solution met the customers pressure requirements, while maintaining the existing space constraints.

Benefits:

- > Increases output forces.
- > Maintain space constraints.

For further information:

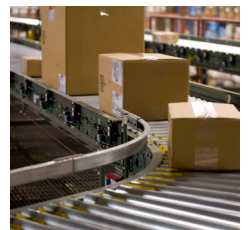
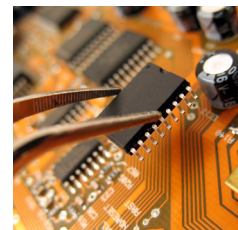
Visit www.bimba.com/en/Solution-Centers/Industry-Solutions-Center/

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4:1 Air-to-Air Booster



Bimba is part of

IMI Precision
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