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:**
Contact Bimba at 1-800-44-BIMBA or cs@bimba.com
S-119732, S-116228

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**Solutions Shop Universal**

Other Applications:
- Packaging
- Clamping
- Diverter

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**4:1 Air-to-Air Booster**