

**Valve Bag Placers
Series 5521 & 5526**



STANDARD FEATURES INCLUDE:

- Fully automatic operation
- Positive bag control throughout cycle
- Vacuum transducers eliminate need for vacuum pump
- Large capacity magazine is easily loaded while in operation
- Adjustments and bag changeovers are quick and easy

Barry-Wehmiller

The Thiele Series 5521 Single and 5526 Dual Valve Bag Placers are designed to automatically select, open, and place pasted paper or poly valve bags on a valve packer's spout. They operate with a programmable controller and feature a unique valve opening -- placement method that assures reliable and efficient operation. The full length access doors and easy-to-read calibrated scale adjustments make bag size changeover fast and easy.

To operate the Series 5521 or 5526, stacks of bags are manually loaded onto the magazine. Once the machine is activated, a stack of bags is conveyed to the pickup position. The bag pickup mechanism then lowers to pick up a bag. Each vacuum cup is fitted with a unique vacuum transducer that facilitates a positive bag pickup. The use of transducers eliminates the vacuum pump and promotes quiet operation.

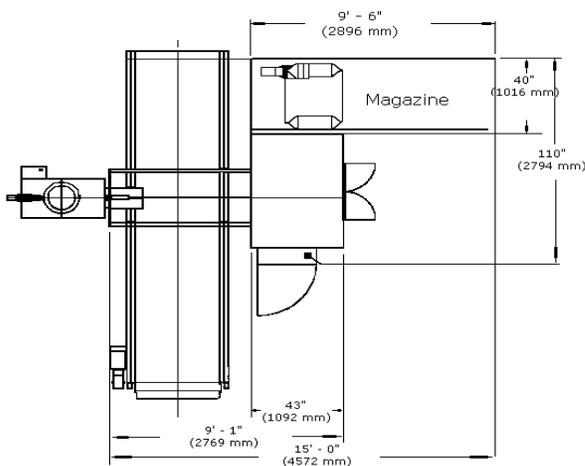
As the bag is picked up by the vacuum cups, it is brought into a vertical position and is held by a support arm. Next, the bag spouter carriage moves into position. The vacuum cup lowers to the positioned bag, a set of calipers grip the bag, and the vacuum cup retracts opening the valve. The bag is now taken directly to the valve packer and is placed on the packer spout. Simultaneously, the pickup arm recycles another bag to the support plate, ready for the returning spouter carriage.

Once the bag is properly placed on the packer's spout, it is secured by the bag clamp which signals the calipers to open and release the bag. The spouter carriage will return to the bag support for another bag. The no-bag detection device signals the packer to fill the bag.

The bag placers will initiate another cycle only after the bag is filled and the packer's saddle tilts to eject the bag onto a take-away conveyor. Once the ejected bag clears the saddle, and the saddle resets, the bag placers will bring another bag to the packer.

The Series 5526 Dual Valve Bag Placer operates in the same manner as the Series 5521 Single Valve Bag Placer. The Series 5526 has the capability of placing a bag alternately on two packer spouts.

Other Thiele products such as valve bag packers, valve bag sealers, and robotic and automatic palletizers are available to complement the Series 5521 and 5526 Valve Bag Placers.



MACHINE SPECIFICATIONS

CAPACITY

150 to 300 bags, depending upon bag size and construction

SPEED

Up to 10 bags per minute, depending on bag size and speed of valve packer

BAG SIZE RANGE AND SPECIFICATIONS

Face: 16" to 24" (406 mm to 610 mm)

Gusset: 3" to 8-1/2" (76 mm to 241 mm)

Length: 12" to 36" (305 mm to 914 mm)

Note: Packer's spout must be high enough so that empty bags will clear take-away conveyor

VALVE SIZE

3-1/4" (82 mm)

3-3/4" (95 mm)

4" (102 mm)

4-1/2" (108 mm)

5" (127 mm)

5-1/2" (140 mm)

MAXIMUM SPOUT SIZE

1-3/4" (44 mm)

2" (51 mm)

2-1/4" (57 mm)

2-1/2" (63 mm)

2-3/4" (70 mm)

3" (76 mm)

PACKER SPOUT HEIGHT RANGE

48" to 52" (1219 mm to 1321 mm) to centerline of spout. Other heights are available with use of subbase or frame extensions.

POWER REQUIREMENTS

Input Power: 230/460 volts, 3 phase, 60 cycle

Control Circuit: 115 volt power is obtained through a control transformer and 24 volt, I/O voltage is supplied through a D.C. power source

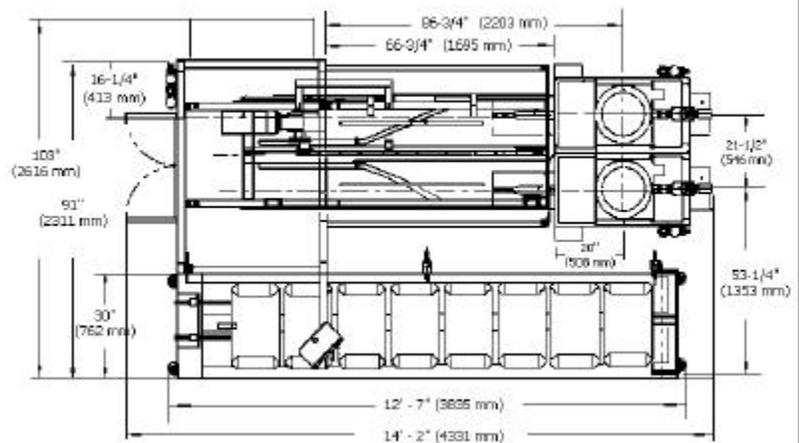
Current Draw: 230 volts = 10 Amps, 460 = 5 Amps

AIR REQUIREMENTS

Operating Pressure: 80 psi (5.4 Atm)

Line Pressure: 90 psi (6.1 Atm) minimum

Free Air/Cycle: 1.2 S.C.F. per cycle (32.98 liters)



All sales are subject to our prevailing terms and conditions. Illustrations and specifications are subject to change without notice. Machines shown without guards are for illustrative purposes only. Guards are supplied and must be in place before installation.

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