



Quick Pouch Former Vertical - Specifications

The **Quick Pouch Former Vertical** is a vertically oriented form fill seal machine that uses two webs of rollstock to make a four-sided sealed pouch. It can run in either a manual product load cycle, or it can utilize various automatic product loading systems. Products can be loaded directly into pouches as they are being formed.

Machine Standard Features

Standard pouch sizes: 1" to 6" wide, 1.5" to 6" long - larger custom sizes available

Tooling for one size included - chevron style pouch, and multiple tooling optional

Index to length

Adjustable sealing length via servo operated web feed

PLC controlled with operator display

Dual web system that makes four-sided sealed pouches

Closed loop temperature control, pressure gauge

40 to 110 PSI supply

110vac - 3 amp power

Machine dimensions - 45" W x 43.5" T x 23" D Weight 220 lbs.

Fully documented service manual - setup and troubleshooting guide

Foot pedal or hand triggered

Heat Sealer System

- PID temperature controller
- PLC controlled timer
- Precision Heat Seal Pressure System - will not operate if temperature or pressure is out of range.
- Regulator with panel mounted gauge

Materials that can be formed

Laminated foil rollstock

Laminated films

Tyvek©

Coated medical grade paper

Machine Production Rate

The **Quick Pouch Former Vertical** will be designed to operate at a machine cycle rate of 20 pouches per minute. Automatic product loading or manual product loading will determine actual run speeds. Optional high speed operation available.

Machine Delivery

The machine will be ready for delivery in approximately 6 weeks, depending on time of order and options selected.

Product Feeding Options

Safety guarded manual feed system - additional safety guarding, light curtain.

Automatic liquid feed system - top feed and bottom feed available.

Automatic powder feed system - top feed and bottom feed available.

Automatic vibratory bowl feed system - product can be loaded via vibratory bowl.

Automatic conveyor feed system - product can be loaded via conveyor belt.

Magazine feed system - custom made magazines for filling off line.

Note: All product feed systems are price TBD. In order to provide a fixed price for product feeding we require: samples of products, filling specifications, production rates, etc., to provide a fixed price quote for these feeder systems.

Machine Options

- 1. Oversized pouches** - The size of the **Quick Pouch Former Vertical** can be modified to handle a wider rollstock width. Price to be determined based on width needed.
- 2. Powered roll unwind** - For rollstock that requires tension control.
- 3. High speed** - This includes higher speed servo drive. Rates up to 30 pouches per minute, depending on web material. When combined with dual heated dies, cycle rates up to 40 pouches per minute are possible. Price TBD
- 4. Dual sided heat seal platens** - Heating on both sides of rollstock for faster production rates and sealing of heavier laminates. Includes dual **PID** temperature controllers.
Note: This option increases overall machine amperage rating.
- 5. Water cooled heat seal platen** - Standard is air cooled. Water cooling stabilizes sealing condition during long runs.
- 6. Adjustable width heat seal die** - Allows adjustment of different width product.
- 7. Quick change dies** - This system allows hot swapping of die sets.
- 8. Spare die sets** - Standard configuration and sizes.
Chevron style. For custom configuration send samples or prints for quotation.
- 9. High Pressure** - This system includes larger main cylinders. This is required for certain multiple pouch configurations.
- 10. Hot Stamp Printer** - For text only, such as lot numbers, expiration dates.
- 11. Printing on pouch** - Our standard (optional) printing system is the **Videojet DataFlex** - Thermal Transfer Printer. The thermal transfer printer prints high resolution images up to 2" x 3". For marking variable information such as dates, bar codes, batch codes, ingredients, logos and marketing information onto flexible film packaging, please provide requirements. Price TBD.
- 12. Eyespot indexing** - Includes the photocell to allow indexing to eyespot and position.
- 13. Cleanroom Option** - This system comes ready for controlled environment, Class 250K equivalent. Other cleanroom levels will be quoted based on customer's specifications. TBD
- 14. Validation assistance.** Our engineers will work with your team to develop validation plan.
- 15. Basic validation package:** Electronic pressure gauge, seal pressure output port, thermocouple port.
- 16. Gas flush option** - A gas flush mode can be provided if desired, please provide requirements. Price TBD
- 17. Tear notch for pouches** - standard knife slit. Punch Set please provide requirements. Price TBD
- 18. Adjustable height** - Adjustable machine height, top 36" to 44" from floor counterbalanced. Expanded control system option. This upgrade includes a larger, heavy duty control panel, expandable PLC with higher input/output count, increased capacity valve manifold, additional communication abilities.
- 19. Corrosion resistant components** - stainless, plastic, or nickel plated components
- 20. Sizing plate system** - hold shape of bag. **Note:** This effectively doubles the machine size.
- 21. Extra long seal length** - standard length is 6 in.
- 22. Single seal system** - includes Single Drive Wheel, Single Sided, Folding Plough, Single Web Unwind
- 23. Two stage heatseal/cutter** required for wet seal
- 24. 10 inch "Smart Panel"** - touchscreen - with alarm recording, on pivoting swivel mount. **Note:** Requires expanded PLC option.
- 25. Ethernet capabilities** - on Smart Panel+

26. Data collection - can be added. Price TBD

27. Discharge conveyor.

28. Validation package - Electronic pressure gauge, seal pressure output port, thermocouple port, precision regulator.

29. Spare parts kit - recommended spare parts will be quoted prior to delivery. This will consist of commercially available parts and custom made parts.

30. Zipper on bag - zipper material can be fed into machine to produce bags with zipper and slider on zipper closures