



TOYO JIDOKI PRODUCT LINE

PRE-MADE POUCH FILLER/SEALER

FL

FLEXIBLES

Matrix Packaging Machinery, part of the ProMach Flexibles business line, manufactures vertical form, fill, and seal packaging equipment. Delivering rugged, well-engineered, cost competitive and easy-to-use packaging systems to its customers. Matrix customers are backed by a large service and parts team. The Matrix group works collaboratively, as part of a team with our customers to assess and determine their needs to customize a world class packaging solution specific to their project.

As a ProMach brand, Matrix is uniquely qualified to provide its customers with a wealth of knowledge throughout their entire packing system and can facilitate integrating packaging and processing products and solutions for food, beverage, consumer goods, pharmaceutical, and other diverse companies throughout the world.

Partnering with Toyo Jidoki, Matrix, as a master distributor is able to provides a full line of pre-made pouch options. Toyo Jidoki is a leader of high quality automated pre-made pouch packaging systems that efficiently load, open, fill and cap pouches. Suitable for both liquid and non-liquid applications they produce a precise and dependable seal.

PRODUCT APPLICATIONS

- Retorted, hot fill and chilled products
- Liquid filling
- Vacuum and/or gas-flush
- Detergent, medicine and chemical
- Powder, Dry goods/confectionary
- Pickle packaging
- Sugar, salt, seasoning
- Pouch forming and packaging
- Weighing and product insertion
- Automatic loading & unloading systems
- Peripheral equipment and related equipment



Toyo Jidoki advanced technologies give our clients the ability to respond quickly to constantly evolving markets. Since its establishment, Toyo Jidoki Co., Ltd. (TYJ) has been an industry leader with its wide range, high quality measuring, filling and packaging systems.

TYJ created the world's first compact and efficient rotary packaging system based solely on our technologies and continue to innovate to meet the needs of modern packaging facilities, developing reliable and secure retort packaging methodologies and systems to cleanly package shampoo, detergents, cosmetics, and other challenging to fill products indispensable to the modern consumer.

TT-8D-N

This pre-made pouch, filler/sealer is a simplex machine, offering a flexible pouch format system that can fill and seal a variety of products. With an easy cleaning wash-down design, simple, intuitive operation and touch screen controls for maintenance, this safe and sanitary machine can perform at the optimum level for each customer's needs. Fully enclosed frame and protective guarding.

TYPICAL PRODUCT STATIONS

1st Station	Pouch Filling
2nd Station	Printing
3rd Station	Pouch Opening
4th Station	N/A
5th Station	Solid Filling
6th Station	N2 Gas Flush
7th Station	Heat Sealing
8th Station	Cooling, Product Discharge



OPTIONS

- Date printer
- Air squeeze device
- Tapping
- N2 gas flush device
- Zip open-close device
- Fill pause mode
- Seal area cleaning
- Pouch recycle
- Double pouch detection
- Various filling devices
- Product in-seal detection
- Stand-up pouch bottom opening device
- Pouch pick-up position detection

APPLICATIONS

- Frozen foods
- Seafood
- Snacks
- Rice & other grains
- Noodles
- Pet food
- Granular & powder
- And more

TYPICAL PRODUCT SPECIFICATIONS

Capacity	55 pouches/min./max. (Depending on product)
Pouch Size	Width 120 -260 mm (80 - 220 mm) Length 130 - 400 mm
Pouch Material	Various laminated pouches, PE pouch
Pouch Style	Flat, Stand-up, Press-to-close
Sealing Method	1 heat seal and 1 cooling station

Electric Power	4.5 kw
Air Consumption	0.5 MPa (72 psi), 350 - 450 NI/min. (Depending on machine spec)
Machine Dimensions	1,800 (W) x 2,507 (L) x 2,040 (H) mm
Machine Weight	1,700 kg
Accessories	Product feeding hopper, product discharge conveyor, pouch opening follow-up guide, product counter heater disconnection alarm, pouch opening detection device

TT-8DW-N

This pre-made pouch, filler/sealer is a duplex machine, offering a high speed flexible pouch format system that can fill and seal a variety of products. With an easy cleaning wash-down design, simple, intuitive operation and touch screen controls for maintenance, this safe and sanitary machine can perform at the optimum level for each customer's needs.

TYPICAL PRODUCT STATIONS

1st Station	Pouch Filling
2nd Station	Printing
3rd Station	Pouch Opening
4th Station	Solid Filling
5th Station	N/A
6th Station	N2 Gas Flush
7th Station	Heat Sealing
8th Station	Cooling, Product Discharge



OPTIONS

- Date printer
- Air squeeze device
- Tapping
- N2 gas flush device
- Zip open-close device
- Fill pause mode
- Seal area cleaning
- Pouch recycle
- Double pouch detection
- Various filling devices
- Product in-seal detection
- Stand-up pouch bottom opening device
- Pouch pick-up position detection

APPLICATIONS

- Dry & frozen food
- Pet food
- Lawn & garden
- Individually wrapped products
- And more

TYPICAL PRODUCT SPECIFICATIONS

Capacity	80 pouches/min./max. (Depending on product)
Pouch Size	Width 120 -260 mm, Length 130 - 400 mm
Pouch Material	Various laminated pouches, PE pouch
Pouch Style	Flat, Stand-up, Floating Gusset, Ptc zipper style (optional)
Sealing Method	2-stage heat/cool sealing method

Electric Power	9.0 kVA
Air Consumption	0.6 MPa (72 psi), 900 L/min (ANR)
Machine Dimensions	4,340 (W) x 3,005 (L) x 2,200 (H) mm
Machine Weight	3,500 kg
Accessories	Product feeding hopper, product discharge conveyor, pouch opening follow-up guide, product counter heater disconnection alarm, pouch opening detection device

TT-8D-R

This pre-made pouch, filler/sealer is design for larger pouches, it also offers a flexible pouch format system that can fill and seal a variety of products. With an easy cleaning wash-down design, simple, intuitive operation and touch screen controls for maintenance, this safe and sanitary machine can perform at the optimum level for each customer's needs.

TYPICAL PRODUCT STATIONS

1st Station	Pouch Filling
2nd Station	Printing
3rd Station	Pouch Opening
4th Station	Solid Filling
5th Station	N/A
6th Station	N2 Gas Flush
7th Station	Heat Sealing
8th Station	Cooling, Product Discharge



OPTIONS

- Date printer
- Air squeeze device
- Tapping
- N2 gas flush device
- Zip open-close device
- Fill pause mode
- Seal area cleaning
- Pouch recycle
- Double pouch detection
- Various filling devices
- Product in-seal detection
- Stand-up pouch bottom opening device
- Pouch pick-up position detection

APPLICATIONS

- Shelf stable food
- Delicatessen
- Frozen food
- Pre-cooked rice
- Juice
- Seafood
- Liquid detergent
- And more

TYPICAL PRODUCT SPECIFICATIONS

Capacity	15-40 pouches/min./max. (Depending on product)
Pouch Size	Width 120 -260 mm (80 - 220 mm) Length 130 - 400 mm
Pouch Material	Various laminated pouches
Pouch Style	Flat, Stand-up, Press-to-close
Sealing Method	2 heat seal and 1 cooling station

Electric Power	3.75 KVA
Air Consumption	0.5 MPa (72 psi), 350 - 450 NI/min. (Depending on machine spec)
Machine Dimensions	3,102 (W) x 1,800 (L) x 2,055 (H) mm
Machine Weight	1,800 kg

TT-9CW™ & TT-9CW2™

These pre-made pouch, filler/sealer machines are high-speed, double pouch action machines. It offers a flexible pouch format system that can fill and seal a variety of products. These machines adhere to the most stringent safety and sanitation requirements. The friendly design provides easy maintenance, operation and cleaning.

TYPICAL PRODUCT STATIONS

1st Station	Pouch Filling
2nd Station	Printing
3rd Station	Pouch Opening
4th Station	Solid Filling
5th Station	N/A
6th Station	N2 Gas Flush
7th Station	Heat Sealing
8th Station	Cooling, Product Discharge



OPTIONS

- Date printer
- Various filling devices
- Special pouch magazine
- Level switch
- Special liquid tanks
- Agitator
- Compressor
- Tapping
- Fill waiting operation
- Stand-up pouch bottom opening device

APPLICATIONS

- Shelf stable food
- Delicatessen
- Frozen food
- Pre-cooked rice
- Juice
- Seafood
- Liquid detergent
- And more

TYPICAL PRODUCT SPECIFICATIONS

	TT-9CW	TT-9CW2
Capacity	30-90 pouches/min.	30-60 pouches/min.
Pouch Size	(W) 80-150 mm (L) 120 - 230 mm	(W) 120-180 mm (L) 150 - 300 mm
Pouch Material	Various laminated pouches	
Pouch Style	Flat, Stand-up	
Filling Product	Various pumps available depending on products	
Filling Range	Standard 50-350 cc	
Accessories	Product discharge conveyor, vacuum pump, funnel, product counter, heater disconnection alarm, pouch opening detection device	

	TT-9CW	TT-9CW2
Deaerating	Press type	
Sealing Method	2 step heat seal, 1 step cooling press	
Electric Power	7.5 kVA	
Air Consumption	0.5 MPa (72 psi), 600 NI/min.	0.5 MPa (72 psi), 800 NI/min.
Machine Dimensions	2,197 mm (W) 3,094 mm (L) 1,873 mm (H)	2,715 mm (W) 3,301 mm (L) 1,923 mm (H)
Machine Weight	3,000 kg	

TT-8A2

This pre-made pouch, filler/sealer is design for larger pouches, it also offers a flexible pouch format system that can fill and seal a variety of products. With an easy cleaning wash-down design, simple, intuitive operation and touch screen controls for maintenance, this safe and sanitary machine can perform at the optimum level for each customer's needs.

TYPICAL PRODUCT STATIONS

1st Station	Pouch Filling
2nd Station	Printing
3rd Station	Pouch Opening
4th Station	N/A
5th Station	Solid Filling
6th Station	N2 Gas Flush
7th Station	Heat Sealing
8th Station	Cooling, Product Discharge



OPTIONS

- Date printer
- Air squeeze device
- Tapping
- N2 gas flush device
- Zip open-close device
- Dust collecting device
- Synchronized following funnel (DDS1)
- Adjustable gripper height device (AGH)
- Product in-seal detection
- Stand-up pouch bottom opening device
- Pouch pick-up position detection

APPLICATIONS

- Snacks
- Pet food
- Rice & other grains
- Frozen food
- Granular & powder
- And more

TYPICAL PRODUCT SPECIFICATIONS

Capacity	Max. 50 ppm
Pouch Size	Width 180 -320 mm Length 140 - 400 mm
Pouch Material	Various laminated pouches, PE pouch
Pouch Style	Flat, Stand-up and floating gusset. Optional ptc zipper style
Sealing Method	2-stage heat/cool sealing method

Electric Power	6.5 kVA
Air Consumption	0.6 MPa (72 psi), 350 - 600 NL/min. (ANR)
Machine Dimensions	2,250 (W) x 3,900 (L) x 1,900 (H) mm
Machine Weight	2,100 kg



Matrix is an industry leading manufacturer of rugged, cost competitive, and easy-to-use vertical form fill seal (VFFS) equipment for all types of flexible packaging and operates as a master distributor of INV PACK stickpack and sachet machines, Toyo Jidoki pre-made pouch packaging machines, and FLtecnicos rollstock pouch machines. With over 30 years of flexible packaging expertise, Matrix has the ability, knowledge, and commitment to tailor highly efficient and profitable packaging systems for our customers on a global scale. Matrix is a product brand of ProMach, a global leader in packaging line solutions. As part of the ProMach Flexibles business line, Matrix helps our packaging customers protect and grow the reputation and trust of their consumers. ProMach is performance, and the proof is in every package. Learn more about Matrix at www.MatrixPM.com and more about ProMach at www.ProMachBuilt.com.

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