

Realizing innovation as a value-creating com such as packaging technology to production is the commitment that we stand by at Tokyo

How can we achieve high-quality packaging that showcases the quality of our customers' products?
 Can we help to create a new image or add value to products?
 Can we develop systems that fit seamlessly into our customers' production lines?
 ...These are the problems that we aim to solve through packaging and production machinery

With today's demand for product differentiation, the importance of packaging continues to grow. There is also equipment to help save labor and boost productivity at manufacturing sites.

TAM creates value for products by developing new packaging styles and technologies, delivering new value to technologies and world-leading solutions.



pany, technology, Automatic Machinery Works.

increasing demand for automated

customers with our unique



PT TAM Packaging Asia(Indonesia)



Distributors

AUSTRALIA

Selpak Automation Pty. Limited

55-57 Halstead St., South Hurstville, NSW 2221, Australia

TEL.61-2-9585-8811 FAX.61-2-9585-8866

<https://selpak.com.au/>

CHINA

Topak Machine (Kun Shan) Co., Ltd.

No.15, Kun Jia Rd., Kun Jia Industrial Zone, Kun Shan City,
Jiang Su,China

TEL.86-5761-2969 FAX.86-5761-2966

<http://www.topak.cn/>

INDIA

JAY INSTRUMENTS AND SYSTEMS PRIVATE LIMITED.

C-64 TTC Industrial Area, Turbhe, Navi Mumbai 400 703

TEL.91-022-276 72955

INDONESIA

PT. Markindo Rekateknik

Rukan Graha Arteri Mas II Jl. Panjang No 68 Blok 6 Jakarta Barat
11520, Indonesia

TEL.62-21-5830-2664 FAX.62-21-5830-2667

<http://www.markindo.co.id/>

KOREA

Bukee Trading Inc.

Rm.No.2512, Hanwha Obelisk Officetel 555 Dowha-Dong,
Mapo-Gu,Seoul, 121-779, Korea

TEL.82-2-704-0477 FAX.82-2-717-8884

<http://www.bukeetra.com/>

MALAYSIA

I Engineering Metal Works

Lot. 2267, Jalan BS 5/27, Trm Bukit Serdang, 43300,
Seri Kembangan, Selangor Darul Ehsan.

TEL.60-3-8943-0740 FAX.60-3-8943-0740

PHILIPPINES

I.S. Mech Phils., Inc.

G/F, PDAF Bldg., Sen. Gil Puyat Ave., Makati City 1200, Philippines

TEL.63-2-896-2849 FAX.63-2-899-9698

TAIWAN, R.O.C.

Topak International Co., Ltd.

3F, No.220, Wen Lin North Road, Taipei 112, Taiwan, R.O.C.

TEL.886-2-2826-5255 FAX.886-2-2826-5026

<http://topac.cn>

THAILAND

Tomco Automatic Machinery Co., Ltd.

63/212-4 Moo 1, Rama 2 Road, Samaedam, Bangkhuntien,
Bangkok 10150, Thailand

TEL.66-2451-1330 FAX.66-2451-2005

<http://tomco.co.th/>

U.S.A. CANADA

PMI Kyoto Packaging Systems Inc. (MEDIA)

850 Pratt Blvd, Elk Grove Village, IL 60007

TEL.1-847-437-1427

<https://www.pmikyoto.com/>

VIETNAM

MEKONG TECHNOLOGY CO.,LTD.

05 Le Thuoc, Thao Dien, District 2, HCMC, Vietnam

TEL.848-3999-0969 FAX.848-3999-0968

<http://mktgroup.com.vn/>

Corporate Information

Corporate Name	Tokyo Automatic Machinery Works, Ltd. (Kabushiki Kaisha Tokyo Jido Kikai Seisakusho)
Corporate Head Office	Tojiki Building 3-10-7, Iwamoto-cho, Chiyoda-ku, Tokyo Japan 101-0032 https://www.tam-tokyo.co.jp email : tam-overseas@tam-tokyo.co.jp Corporate Office TEL.81-(0)3-3866-7171 FAX.81-(0)3-3866-7644 International Div TEL.81-(0)3-3866-4824 FAX.81-(0)3-3866-7150
Factory	Kashiwa, Chiba Prefecture
Branch Offices	Osaka, Nagoya, Fukuoka, and Sapporo (Japan)
Business	Production, development and sale of various types of packaging machines, baling systems, and automatic laborsaving machines and systems

I 1908

1908

Shimane Manufacturing Co., TAM's Predecessor, founded as a private enterprise in the northeast outskirts of Tokyo. Devoted manufacturing machines and facility of tobacco production.

1944

Reorganized as a joint-stock company.

1949

Corporate name changed to Tokyo Automatic Machinery Works, Ltd.

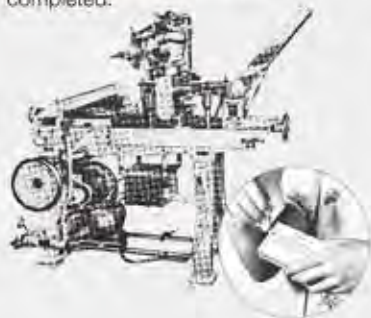


Packaging machine for 20 pcs tobacco 'U-shape'

I 1950

1952

W2 cellophane overwrapper completed.



1958

Osaka office opened.

I 1960

1963

Corporate shares listed on the Second Section of the Tokyo Stock Exchange. New factory in Kashiwa, Chiba Prefecture built and came on line.



1967

Hi-speed gum wrapping machine developed.

I 1970

1970

Twist bag wrapping machine for bread developed.

1971

P52/W322 high-speed cigarette packaging line Completed.

1974

Manufacturing of solid-waste baling equipment started.

1975

W42 accumulating overwrapper developed.

I 1980

1980

Nagoya and Fukuoka offices opened. W43 gift overwrapper and TWX1 form-fill-sealer launched.



1981

TAM Building completed in Akihabara of Tokyo, where corporate headquarters relocated.

1984

R&D Center completed adjacent to Kashiwa factory.

1985

Sapporo office opened.



PB2 Tobacco packaging Line

1986

AR2000 gift wrapper developed. CX cartoner for pharmaceutical industry developed.

I 1990

1991

MW100 CD jewel case overwrapper developed.



Kashiwa factory



Laboratory

PT TAM Packaging Asia



Headquarters building

Overseas Associates

Enterprise Baler Company (U.S.A.)

Subsidiaries/Affiliates

Tokyo Shisetsu Kogyo Co., Ltd. (Chiba, Japan)
PT TAM PACKAGING ASIA (Indonesia)

1992
TWR form-fill-seal machine developed.

1993
MW200 mini-disk overwrapper developed.

1995
W3701 high-speed overwrapping machine, W4201 accumulating/overwrapping machine, MW50 CD jewel-case overwrapper, and WE1 overwrapping machine developed.

1996
VR200 robot are introduced.
ISO9001 certification accredited.

1997
TWC continuous motion VFFS machine are introduced.

1999
ARN100 gift wrapper, TWEX VFFS machine, TWCV continuous motion VFFS machine, CF200 B-type cartoner and DVD100 DVD film wrapping machine have been developed.

I 2000

2001
FN1 tamper-evident fin-seal overrapper and W62 multi-purpose film overwrapping machine developed.
BT10 high-speed tissue-box overwrapping machine (5-box compatible) overwraps 5-box stacks with polyethylene film and attaches a convenient film handle.



FN1

2002
FN2 and FN3 fin-seal overwrapping machines developed for pharmaceutical industry.

2003
TWA202 stainless steel VFFS machine have been developed.

2004
DVD120 high speed DVD/BD overrapper, TWEX-Z VFFS machine for foaming recloseable zipper bags, FN5 overrapper for all-purpose hermetic fin-sealed wrapping, TWE202 stainless steel VFFS machine have been developed.



TWEX-Z

2005
MTL100 cigarette filter cartoning-paper supply machine, TR8 high-speed toilet roll accumulating/overwrapping machine have been developed.

2006
ARW100 gift wrapper have been developed.

2007
TWGX VFFS machine, MTL7J cigarette filter cartoning-paper supply machine, M77J cigarette filter-rod supply machine have been developed and "Tuckcut" as a new packaging style has been introduced.

2008
MFP1 filter rod packing machine, M2010 line system, TWA203 VFFS machine, RSB25 baling machine/press-packed model have been developed.

2009
ARZD1 gift wrapper with improvement of usability has been developed.

I 2010

2010
TWN VFFS machine with improved sealing mechanism has been developed.

2011
TWM multiple-lane VFFS machine, TWX300 low-end with high quality VFFS machine has been developed.

2012
In Indonesia, PT TAM Packaging Asia (TPA) was established through a joint venture with PT. Markindo, becoming TAM's first manufacturing facility in Indonesia.

2013
Developed accumulating overwrap machine (W4201EV)

2014
Developed pillow-pouch vertical form-fill seal (VFFS) machines (TWMC, TWSD, TWTT)

2016
Developed confectionary & gift-box wrapping Machine (ARZZD1), pillow-pouch vertical form-fill seal (VFFS) machine (Quatro Pack TWQ)



ARZZD1

*We have many experiences of tailor-made machines and special made machines on request.

Overwrapping Machines

Overwrapping boxed articles with film or paper

- Overwrapping machine series for wrapping various boxed articles with film or paper.
- A variety of overwrapping machines selectable according to wrapping size, wrapping speed, wrapping material, and types of articles.
- Includes lineup of new type wrapping machines offering a high quality airtight sealing for enhanced protection of contents and protection from insects.



AR Series

Speciality / Gift Overwrapping Machine

ARZZ1,ARZZD1

- Wrapping and gluing machine for pre-cut paper.
- Excellent workability thanks to accessible design.
- Choice of Manual Size-Change or Automatic Size-Change

Wrapping speed : Max. 15~33ppm

Wrapping object size range :

(L) 140~420mm

(W) 70~310mm

(H) 20~105mm

Watch Movie



Large Gift Box Overwrapping Machine

ARZZD2

- Especially compatible for larger boxes.
- Capable of Wrapping 9 litre drum (H 170mm).

Wrapping speed : Max. 15~28ppm

Wrapping object size range :

(L) 140~450mm

(W) 90~350mm

(H) 20~125mm

Film Overwrapping Machine



Film Overwrapping Machine

W37E, W37ER

- Wraps small boxes such as caramel boxes with film attached with tear-tape.
- Servo-driven film feed.

Wrapping speed : Max. 120ppm

Wrapping object size range :

(L) 60~160mm

(W) 40~85mm

(H) 15~40mm



Film Overwrapping Machine

W62, W622

IDEAL FOR MULTIPLE PRODUCT WRAPPING

- Unnecessary for size change parts.

Wrapping speed : Max. 45ppm

Wrapping object size range :

W62	W622
(L) 70~160mm	(L) 50~190mm
(W) 25~72mm	(W) 35~80mm
(H) 15~41mm	(H) 20~65mm

Fin Seal Overwrapping Machine

FN1L, FN1R

TAMPER-EVIDENT

- Fin Seal Overwrapping machine offering a high quality airtight sealing for product protection.

Wrapping speed : Max. 160ppm

Wrapping object size range :

(L) 70~180mm

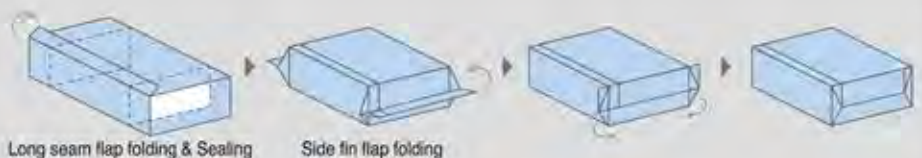
(W) 40~100mm

(H) 12~30mm



Fin Seal

Fin Seal is an overwrapping method that offers a higher quality airtight sealing compared to conventional fold wrapping, as well as tear-tape to allow easy opening.



Film Overwrapping Machine · Accumulating Overwrapping Machine

Film Overwrapping Machine

WE13

- Wraps medium size boxes such as tea bag boxes with film attached with tear-tape.
- Tight wrap by own unique film feed.
- Suitable also paper-laminated material.

Wrapping speed : 60ppm

Wrapping object size range :

(L) 80~320mm

(W) 50~143mm

(H) 20~89mm*

*up to 40ppm if height over 50mm



Accumulating / Overwrapping Machine

W4201EV

- Film-overwrapping machine for accumulated boxes.
- Easy integration with previous/post process.

Wrapping speed : Max. 40ppm

Wrapping object size range :

(L) 60~220mm

(W) 60~320mm

(H) 35~125mm



Band-Wrapping Machine

WB50, WB25

- Machine for accumulated boxes.
- Tight-sleeve packaging is available with option.

WB50 (High speed)

Wrapping speed : 10~50ppm

Wrapping object size range :

(L) 50~200mm

(W) 100~320mm

(H) 35~150mm

WB25 (Standard)

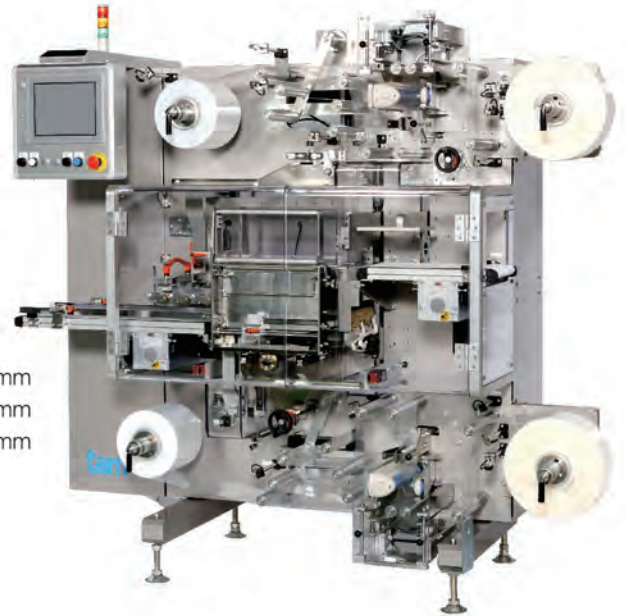
Wrapping speed : 10~25ppm

Wrapping object size range :

(L) 60~250mm

(W) 100~320mm

(H) 35~150mm



DVD/BD Overwrapping Machine

DVD70

- Film overwrapping machine with Selectable functions.

Wrapping speed : Max. 60ppm

Wrapping object size range :

Accepts sizes from Slim Cases to multi-Cases.

BD/DVD/CD Overwrapping Machine

DVD120

- Film overwrapping of various different sizes of BD/DVD cases.

Wrapping speed : Max. 120ppm

Wrapping object size range :

(L) 124~195mm

(W) 120~145mm

(H) 5.2~27mm

Speed changeable While machine in operation.



Overwrapping Machine for paper products

Streamlining of Paper Product Distribution and Sales

Delicate paper products become torn, creased, and dirtied easily. TAM's overwrapping machines, specially designed for the paper industry, easily handle a wide range of applications from kraft paper packaging often used for printed material, to bundle packaging for household paper products such as toilet paper and box tissues.



Toilet Paper Overwrapping Machine

TRX

- Wraps 2 to 18 rolls of toilet paper with polyethylene film.
- Wrapping speed :** 45ppm(regular use)
- Wrapping object size range :** 4-18rolls

High-Speed Accumulating Boxed Tissue Overwrapping Machine

BT10

- Speed up wrapping time. Size change from 5 boxes to 3 boxes by approx. 15 minutes only.
- Wrapping speed :** 20-120ppm
100ppm (regular use)
- Wrapping Object size range :**
Max. (L) 540mm
(W) 250mm
(H) 130mm



Handle taping machine

M94B

- Adhere film tape for handling wrapped box tissues.
- Wrapping speed :** 100ppm



Kraft Paper Overwrapping Machine for Printed Matter

PK1

- Saddle-stitched brochure to loose leaf paper will be wrapped by kraft paper. Good solution to a heavy physical work.
- Wrapping speed :** 4 ppm
- Wrapping object size range :**
Type 1 A5-B4
Type 2 B5-A3
Thickness 30-220mm



V.F.F.S Machines



Leading edge vertical pillow wrapping technology to protect the quality of merchandise

- Bags a wide variety of products including powder and granular products such as coffee, milk powder and corn starch, as well as potato chips, peanuts, candies, tea, and crackers.
- We offer a lineup of options including valve equipped and gas-flushing models and square bottom models that take efficient floor space utilization into consideration.



New Japan Basic >>>

A New Japan-basic VFFS Machine

TWJB

- Japan-made economical VFFS with high quality.
- Servo-driven & 2-link type heater system for end sealing.
- Vacuum chamber type film tensioning.

Bagging speed : Max. 100bpm
Bag size range : (W) 50~200mm
 (L) 50~300mm



New Japan Basic >>>

Continuous motion VFFS Machine

TWJC

- Stable sealing quality by servo-driven endseal mechanism.

Bagging speed : Max. 120bpm
Bag size range : (W) 80~250mm
 (L) 80~300mm



Quattro Pack >>>

Quattro Pack VFFS Machine

TWQ

- Bag styles of tetrahedral-bag, flat-bag and three-sided seal bag can be wrapped in one machine.

Bagging speed : Max. 100bpm
Bag size range : (W) 40~ 95mm
 (L) 45~130mm





High Specification model >>>

Standard & Snack Specifications

TWN3

- Operational status is displayed during operation, and such functional status as Temperature, Pressure, Closing Position of Sealing Bar can also be checked out.
- Product Changeover is now very easy by registering, for each product, the threshold value for detecting the registration mark and splice on film.

Coffee/Powder Specification Machine

TWN5/TWN6

- Powder of flour, coffee and chemical goods, and granulated powder such as spice, soup mix can be filled.
- Auger fillers of in-house products form all-in-one system when combined with VFFS machines. Compressive control is possible from filling, bagging and through finishing process.

Bagging speed : Intermittent Motion Max. 100bpm
 Continuous Motion Max. 140bpm

Bag size range : (W) 65~250mm
 (L) 50~300mm(Intermittent Motion)
 100~300mm(Continuous Motion)

Twin model >>>

TWS70

- Economical model for small size bag.

Bagging speed : Max. 75 bpm per single lane

Bag size range :

Pillow	3-Sided Seal
(L) 100~200mm	(L) 90~140mm
(W) 55~140mm	(W) 55~110mm



Compact model >>>



Compact Machine

TWTT

Bagging speed : Max. 100bpm
Bag size range : (W) 50~200mm
 (L) 50~300mm



Short drop type Machine

TWSD

Bagging speed : Max. 100bpm
Bag size range : (W) 70~180mm
*Optional 50~180mm
 (L) 50~200mm



Ultrasonic Seal >>>

VFFS machine with Ultra-sonic Sealing

TWUS

- Film reduction is achieved by ultrasonic sealing due to less seal width in comparison with heat sealing.
- Shorter drop distance allows less product breakage.

Bagging speed : Max. 150bpm
 Bag size range : (W) 60~200mm
 (L) 50~350mm



In-line Zipper >>>

VFFS Machine with In-line Zipper

TWN-Z

- Assisting customer's variety of product roll out with zipper bag.
- Cost reduction & loss footprint is achieved by wind up zipper device.

Bagging speed : Max. 60bpm
 Bag size range : (W) 80~250mm
 (L) 100~410mm



Multi-lane Bagger >>>

Multi-Lane Vertical Form-Fill-Seal Machine

TWM

- Superior cost performance by using multi-lane function.
- Simple, compact design, yet is capable of filling 390 bags per minute.
- Stainless-Steel powder contact surfaces. Compatible with wash-down cleaning for increased safety and hygiene.

Bagging speed : Max. 390bpm(65bpm per tube)
 Bag size range : (W) 60~85mm
 (L) 60~160mm

With Coffee Valve >>>

Valve application type for Coffee powder

TWN-V

- Valve is applied automatically for releasing CO2 gas.
- Selection of Inner Valve or Outer Valve type machine is available.
- Valve-less packaging is also possible.



OPTION Automatic Splicer



- Automatic film splice can be done without stopping machine.
- Impulse-seal is used for film-splicing.

Lineup Auger Filling Machine to fill powdered and granulated items with high precision and safety

TAM's auger filling machines can be used not only as stand-alones, but can also be used in versatile ways such as in combination with various types of conveyors to create a fully automated container filling system, or combine with a vertical pillow bagger to pack powdered goods into bags.



Auger powder Filling Machine

FRJB

- Lightweight hopper enable easy handling.
- Auger overload detection is equipped for higher accuracy of overload deviation.

Filling speed : Max. 70 dosings/min

Filling weight : 5~2000g



Auger powder filling Machine

PFN, PFNS

- Simplified mechanical structure makes it easier to carry out maintenance and cleaning job.
- Deaerating system as an optional Specification.

PFN Filling speed : Max. 120p/m
Filling weight : 5g~20kg

PFNS Filling speed : Max. 120p/m
Filling weight : 5g~ 5kg



Container Filling Machine

PF6 (Rotary type)

- Can fill various types of containers at high speed by combining PFseries auger filler with rotary conveyor.
- Compatible with various stages of the customer's production process.



Container Filling Machine

PF3 (Straight conveyor type)

- Can automatically fill various types of containers with powder materials by combining PF series auger filler with conveyor.
- By attaching checker, filling by net weight is possible.

Multiple filling machine

PFC6, PFC10

- Combine 6 to 10 Small size augers tandemly for multi-line
- Suitable for filling Small quantities simultaneously to multi-line type machine.

Cartoning & Casing Machines

**Constructs cartons while packing items into the boxes,
Surely and Without damaging the merchandise.
Enhances efficiency when integrated into the production line.**

- Boxes medical Supplies, cosmetics, and food items such as retort pouches automatically or semi-automatically.
- Developed with functions to prevent damage to items such as aligning the packages laterally before loading into boxes.
- We Offer a full lineup from economy types with built-in functions to high-speed high-precision types where Safety and reliability are prime requirements.



B-Type Cartoner

CF210

- Gathers and aligns retort pouches (pre-cooked foods) and loads them into One-touch cartons.
- Can use the same boxes that were used for manual packing.

Packing speed : Max. 24cartons/min.(120pouches/min.)

Packing object size range : (L) 90~200mm
(W) 90~160mm
(H) 150~200mm



Intermittent Type Cartoner

CL810 (Simple operation)

- Compact size intermittent type cartoner with built-in functions.

Packing speed : Max. 45cartons/min.

Packing object size range :
(L) 80~305mm
(W) 50~150mm
(H) 19~119mm

Intermittent Type Cartoner

CL1210

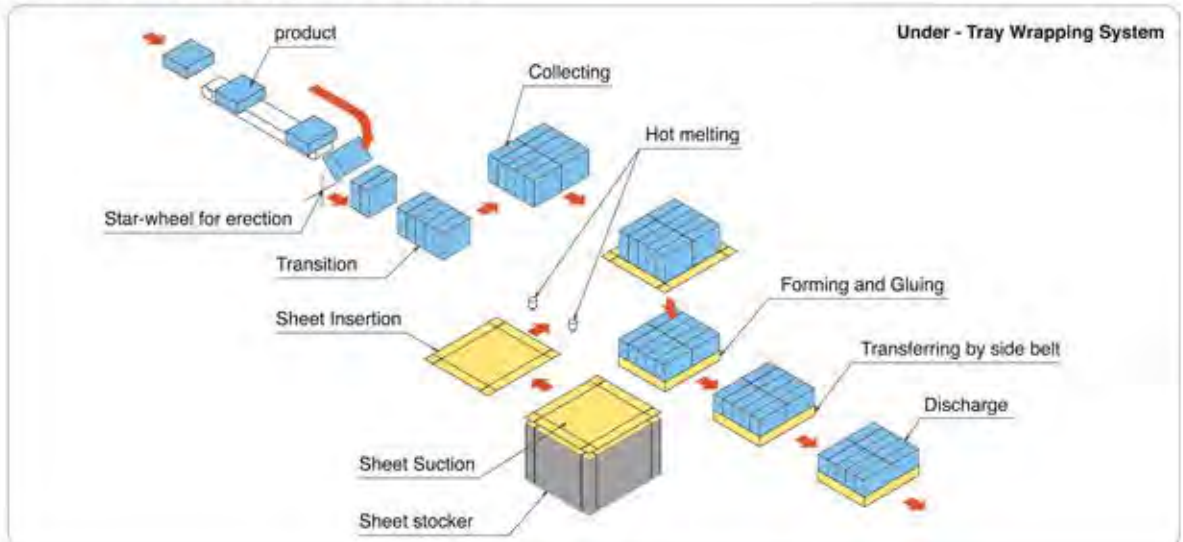
- Intermittent type cartoner that allows articles to be inserted by hand.
- Compatible with large articles such as pizza.
- Size change by 5 minutes.

Packing speed : Max. 25cartons/min.

Packing object size range : (L) 120~305mm
(W) 70~280mm
(H) 25~65mm

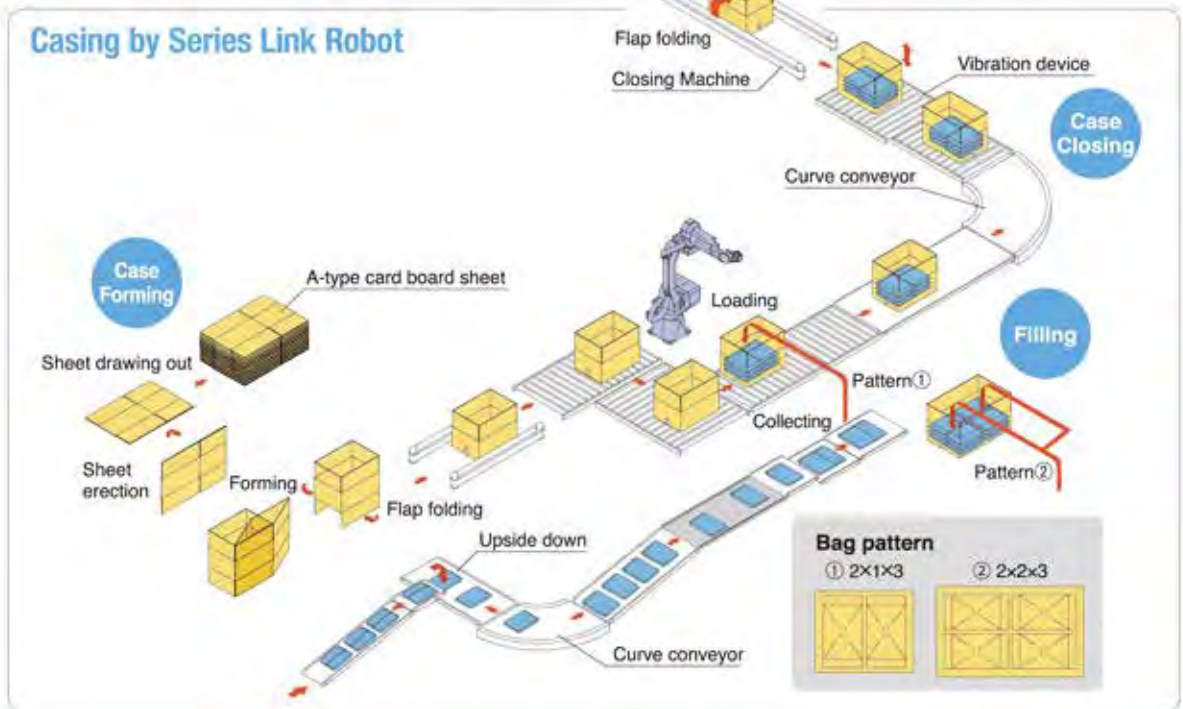
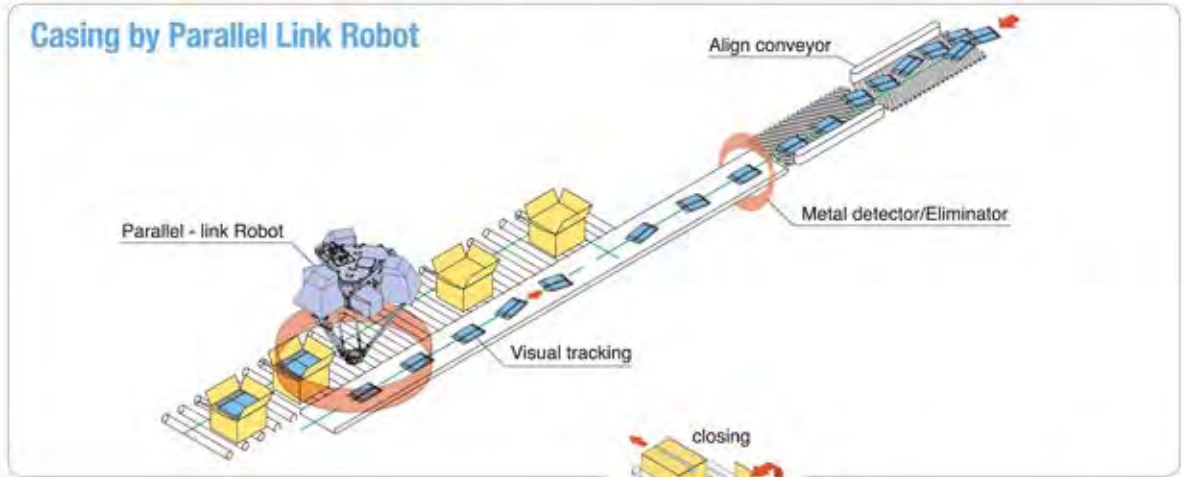
Tray Casing System

- Tam offers Tailor - made specification on request.



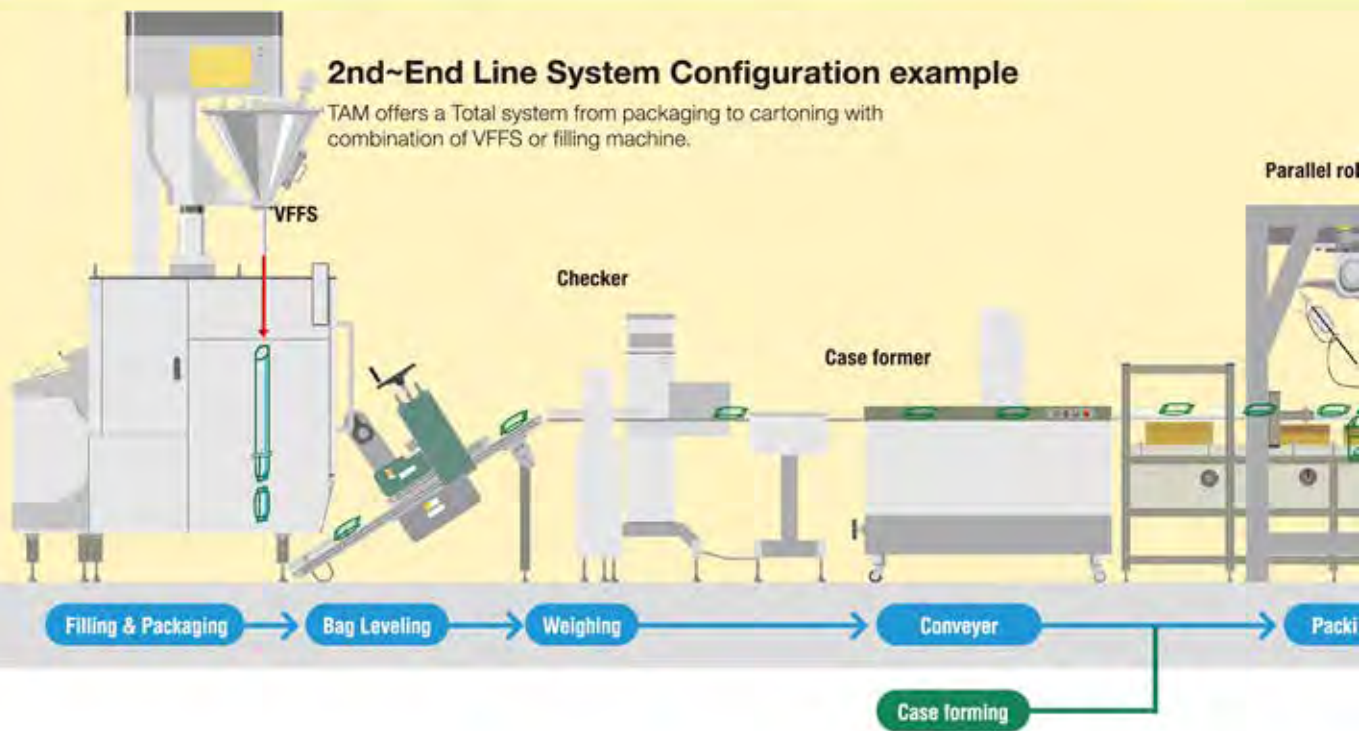
Casing System by Robot

Tam offers various types of collecting pattern for casing on request



2nd~End Line System Configuration example

TAM offers a Total system from packaging to cartoning with combination of VFFS or filling machine.



Cardboard box Former

CUH500

- Automatic cardboard former with flat stacked piled up type.

Forming speed : Max 18 boxes/min



Cardboard Caser

CU800 (Semi auto type)

- Auto flap folding for bottom and auto seal both side.
- Easy size change.

Packing object size range :

- (L) 200-550mm
- (W) 150-400mm
- (H) 80-300mm



Cardboard Caser

VR3000

- Picking up pillow bags and placing them into cardboard.
- Possible to system up with cardboard former.

Machine speed : Max. 120bpm

Packing speed : Max. 20case/min



Robot Box Charger

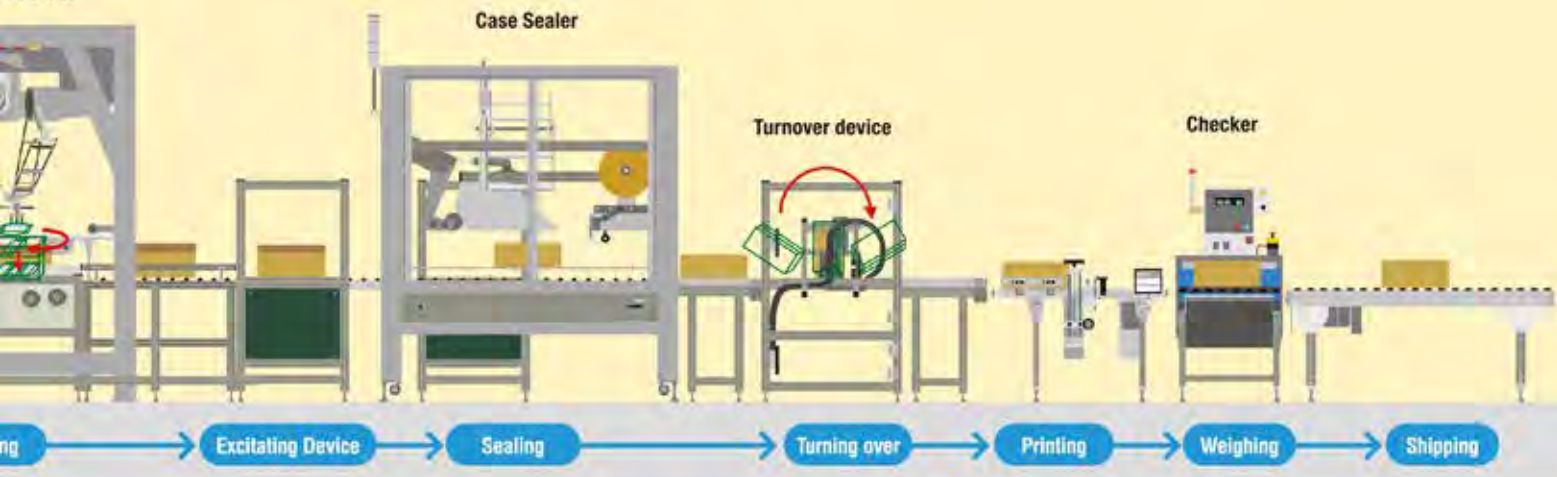
RBC

- Stable loading by dual loading unit.
- Servo-driven case transfer for reliable case positioning.

Machine speed : Max 30 shot/ min



robot caser

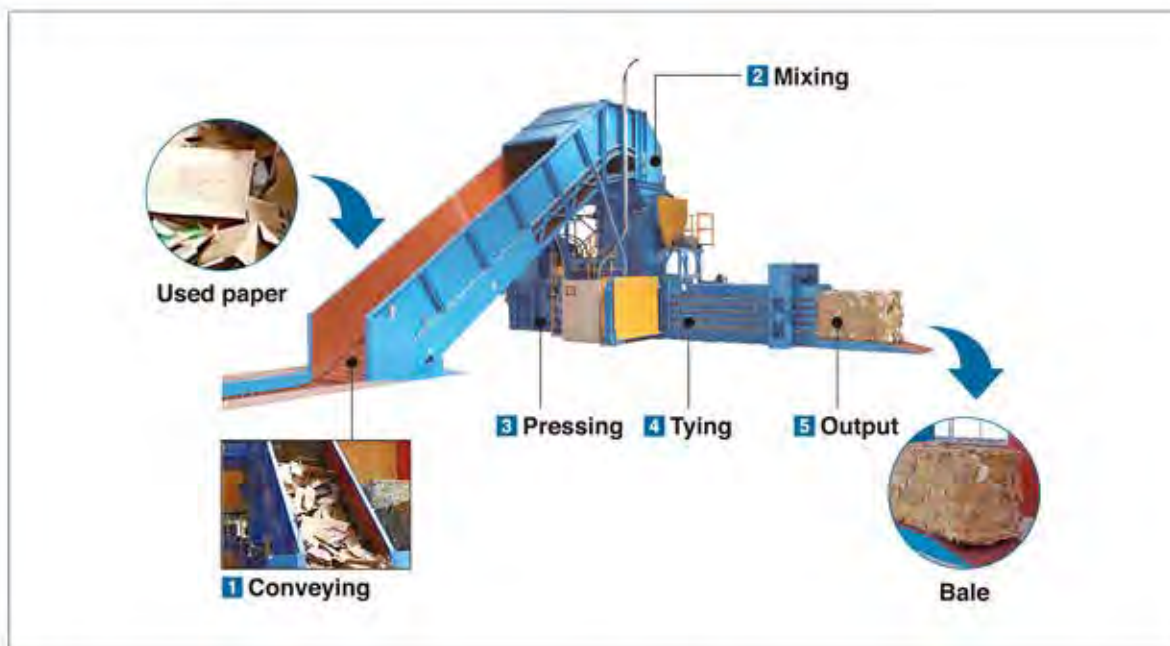


Baling System series

Through our balers, we have been contributing to the recycling of resources for over 40 years.

Our balers, developed with a deep understanding of characteristics of the materials handled, are capable of creating uniform, high-quality bales.

By proposing baler solutions that realize efficient resource recycling, we improve the value of bales as a product and provide unparalleled support to your resource recycling business.



TAM balers have an idling stop feature that reduces power consumption.

RS Series

- Compresses a large amount of used paper, creating bales with high uniformity and reproductivity.
- Pursues improved bale shaping, safety, operability, economy, and also contributes to the betterment of the working environment.



Hybrid Baling System

- Low-noise, low-vibration baler without fluffing unit now achieves acceptable level of noise as part of city life.
- High density makes each bale heavier, and it can cut the total running cost by 10%.

Gate Type Automatic Baler

GTB Series

- Piercing machine is equipped. Plastic bottle can be pressed with cap on.
- Increased bale weight 40 % heavier than conventional model.



Tobacco Machines

Our flagship filter cartoning-paper supply- machines have a successful track record of use in China, Korea, Taiwan and other countries for major companies that include Japan Tobacco and Japan Filter Technology. In Japan, TAM operates production lines that feature cigarette soft-pack packaging machines as well as customized machines for cigarette-canning which are all manufactured in house.



**Filter Rod Feeder
Filter Rod Tray Unloader
M77J/MTL7J**

- Delivers filter rod by air through pipe to rolling machine. Maximum output 2500 rods/min.

**Filter Rod Feeder
Filter Rod Receiver
FRFS/FRRJD**

- Pneumatic delivery system of filter rod. Stable high performance with maximum output 2750 rods/min.



**Filter Rod Packing System
FRP Series**

- Automatic cardboard box with filter rod filling system. Variety of equipment proposal available to fit production plant layout.

Integrating R&D with Advanced Technology

Since its founding, TAM has built a long history in tobacco packaging machines, steadily advancing their technology through the years. In 1985, we completed a PB2 tobacco packaging production line capable of high-speed packaging at 500 rpm, which began operating at Japan Tobacco factories around Japan. For us, product development is not just about boosting numbers, but rather the pursuit of even better safety and more intuitive interfaces, whose development know-how is fed back into all our products. Our research center consists of separate design and development divisions that continuously work to develop new packaging styles and technologies, and importance is placed on the area of basic research. We are also actively engaged in merging cutting-edge technologies, including servo technologies as well as enhancing the sophistication and application of control technologies with a focus on 'underlying technology development'.



PB2 Tobacco packaging Line

www.tam-tokyo.co.jp



Tokyo Automatic Machinery Works, Ltd.

TOJIKI BLDG., 3-10-7 Iwamoto-cho, Chiyoda-ku, Tokyo 101-0032 Japan
TEL: 81-3-3866-4824 FAX: 81-3-3866-7150
<https://www.tam-tokyo.co.jp/>

E-mail: tam-overseas@tam-tokyo.co.jp

