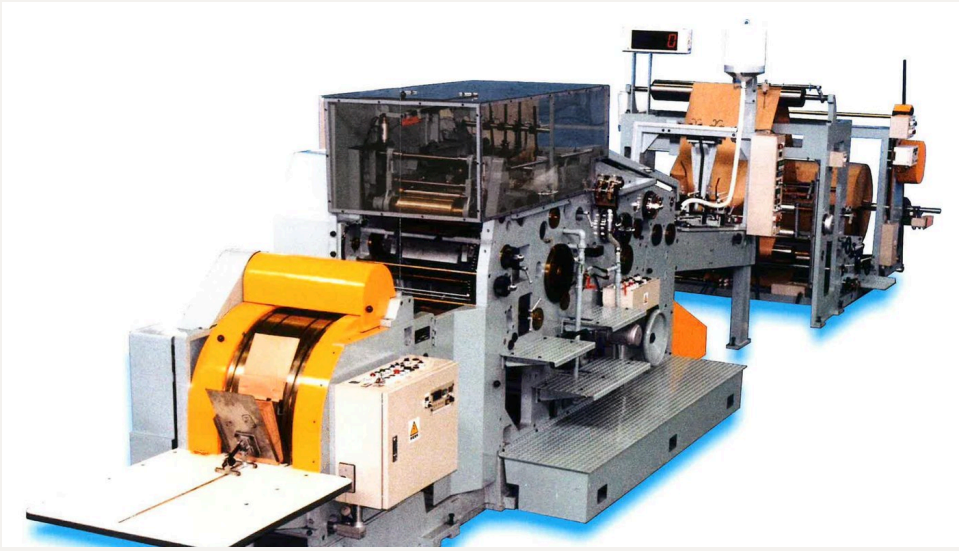
Newlong Industrial (NLI)

Equipment catalog — Paper bag machines · bagging · bag closing







Official dealer: Plastic Expert

WhatsApp: +84 867 245 854 · plasticexpertindustrial.com

About the brand

Newlong Industrial (NLI) is a Japanese manufacturer of automatic equipment for making paper bags and for bagging free-flowing materials. Plastic Expert supplies Newlong equipment as an official dealer.

The company was founded in 1941 in Tokyo as a maker of bag sewing machines. Since the 1960s NLI has been building automatic machines for making and packing paper and polyethylene bags. According to the manufacturer, it holds more than 85% of the Japanese market in this segment and has supplied equipment to more than 100 countries.

The quality system of the NLI industrial sewing machine plant is certified to ISO 9001.

What we supply

Plastic Expert selects the model for your task, arranges delivery, advises on the design and implementation of automated lines, services the machines and supplies spare parts for equipment already running at customers.

Contents

- Paper bag making machines
- Bagging and packing machines
- Bag closing, big bags and palletizing

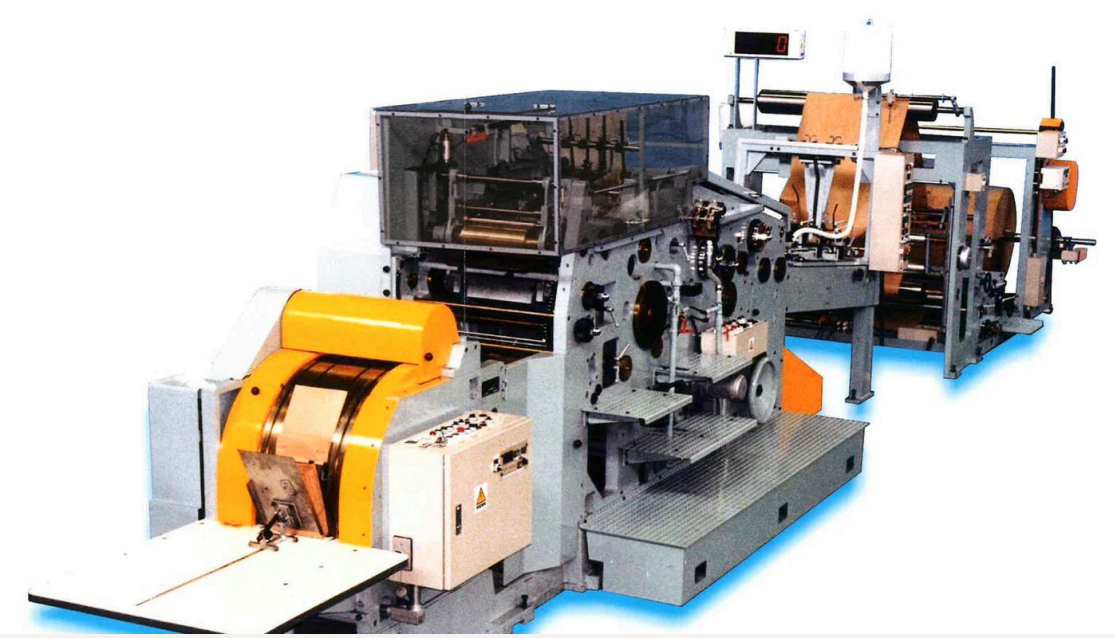
For plastics processors

NLI bagging machines are built for free-flowing products, including polymer granules: 20–30 kg per bag, bags of paper, woven polypropylene and polyethylene, closed by sewing or sealing. If you run an extrusion or pelletizing line, we will select bagging at the output — from the compact 3CM-5 to the EFS-32 that forms the bag from a roll.

PAPER BAG MAKING MACHINES

NEWLONG 120T

Newlong 120T Paper Bag Making Machine (124T–128T)



A series of automatic Newlong machines for making square-bottom (SOS) paper bags from a paper reel. Four sizes — 124T, 125T, 127T and 128T — cover bag widths from 50 to 460 mm at up to 300 bags per minute.

FEATURES

- Automatic production of square-bottom paper bags from a reel
- Four sizes: 124T, 125T, 127T and 128T
- Paper width up to 450 / 750 / 1,170 / 1,390 mm, roll diameter up to 1,200 mm
- Speed up to 300 / 280 / 250 / 230 bags per minute (without a handle attachment or printing unit)
- The 127T and 128T can be fitted with a handle attachment (120T+505TH series)

SPECIFICATIONS

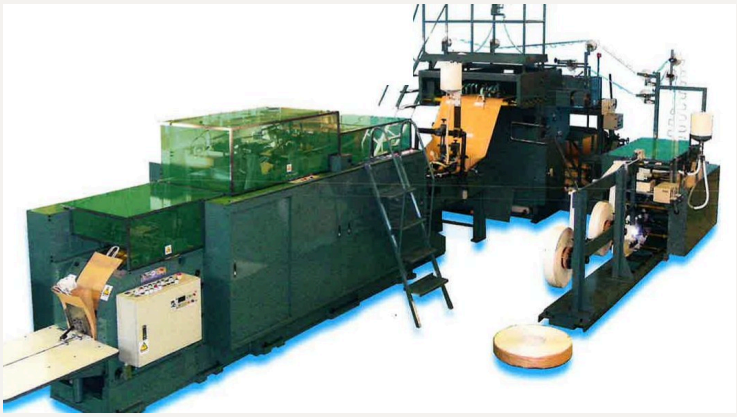
Models	124T / 125T / 127T / 128T
Bag width	50–130 / 75–220 / 200–360 / 300–460 mm
Bottom width	30–80 / 35–140 / 70–210 / 90–220 mm
Bag length	90–320 / 140–440 / 260–590 / 260–580 mm
Cutting length	120–350 / 180–470 / 350–650 / 350–650 mm
Paper width (max.)	450 / 750 / 1 170 / 1 390 mm
Paper roll diameter (max.)	1 200 mm
Speed	300 / 280 / 250 / 230 bags/min
Handle attachment	no / no / yes / yes

Price on request

PAPER BAG MAKING MACHINES

NEWLONG 120T+505TH

Newlong 120T+505TH Paper Bag Machine with Handles



The 127T and 128T machines supplied with a handle-making and handle-pasting attachment (504TH / 505TH): finished paper bags with handles for retail and packaging. Speed up to 150 bags per minute.

FEATURES

- Paper bags with handles: the handle is made and pasted on the line
- Base machines 127T and 128T with a 504TH or 505TH attachment
- Handle patch length 152.4 / 190.5 mm (127T) and 190.5 / 228.6 mm (128T)
- Paper width up to 1,170 mm (127T) and 1,390 mm (128T), roll up to 1,200 mm
- Speed up to 150 bags per minute

SPECIFICATIONS

Models	127T+505TH (127T+504TH) / 128T+505TH (128T+504TH)
Handle patch length	127T: 152.4 / 190.5 mm; 128T: 190.5 / 228.6 mm
Handle center distance	127T: 270–570 / 290–570 mm; 128T: 390–680 mm
Bag width	127T: 180–360 / 220–360 mm; 128T: 300–460 mm
Bottom width	127T: 70–210 mm; 128T: 90–220 mm
Bag length	127T: 260–470 mm; 128T: 285–460 mm
Cutting length	127T: 350–530 mm; 128T: 380–530 mm
Paper width (max.)	127T: up to 1 170 mm; 128T: up to 1 390 mm
Paper roll diameter (max.)	1 200 mm
Speed	up to 150 bags/min

Price on request

PAPER BAG MAKING MACHINES

NEWLONG TS2746H

Newlong TS2746H Paper Bag Making Machine with Handles



A new Newlong model for paper bags with handles: automated unit adjustment shortens size-change time and reduces paper loss when changing format. Speed up to 150 bags per minute.

FEATURES

- Automatic adjustment to the bag size: paper roll, web guide sensor, glue roll / nozzle for handles, handle position, forming plate and gusset rollers
- Servo control of the cutting length and of the pressing when pasting the handle
- Automatic adjustment of the cutter speed and positioning of the first crease
- All fine corrections can be made while the machine is running
- Improved operability of the handle unit, the paper roll stand and the bag making unit

SPECIFICATIONS

Handle patch length	190.5 mm
Handle center distance	300–680 mm
Bag width	220–460 mm
Bottom width	80–220 mm
Bag length	270–590 mm
Cutting length	360–650 mm
Paper width (max.)	up to 1 390 mm
Paper roll diameter (max.)	1 200 mm
Speed	up to 150 bags/min

Price on request

PAPER BAG MAKING MACHINES

NEWLONG TS2746FH

Newlong TS2746FH Paper Bag Making Machine



A Newlong model for square-bottom paper bags with handles: numerical control of the handle units and cutting length, which usually take time at a size change. Up to 160 bags per minute, finished bag length up to 710 mm.

FEATURES

- Numerical (NC) control of handle positions and cutting length at a size change
- A series of positioning steps is performed at once: paper roll, web sensor, handle glue, handle, handle press, forming plate, gusset rollers, cutting length, cutter speed, first crease
- Corrections can be made while the machine is running
- Paper width up to 1,390 mm, roll diameter up to 1,200 mm

SPECIFICATIONS

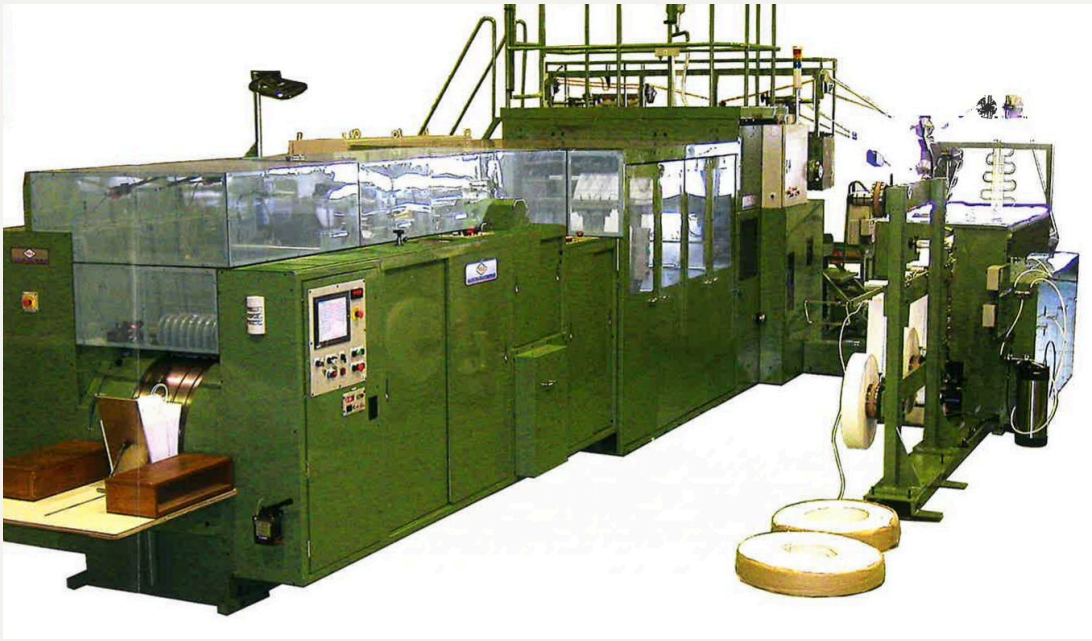
Handle center distance	280–680 mm
Bag width	200–460 mm
Bottom width	80–220 mm
Finished bag length	270–710 mm
Cutting length	360–770 mm
Paper width (max.)	up to 1 390 mm
Paper roll diameter (max.)	1 200 mm
Speed	up to 160 bags/min

Price on request

PAPER BAG MAKING MACHINES

NEWLONG TS3636H

Newlong TS3636H Paper Bag Making Machine



A Newlong paper bag machine with handles and digital registration of bag sizes: entering the bag size adjusts all numerically controlled units at once. Noise is 30% lower than the 127T. Speed 150 bags per minute.

FEATURES

- Digital registration of bag sizes: the units adjust simultaneously to the entered values
- Numerical control of the paper roll, web sensor, handle glue, handle, perforation line, forming plate, gusset rollers, cutting length, cutter speed and grippers
- Adjustment without stopping the machine; the bottom folding bar is also adjustable without a stop
- Noise reduced by 30% relative to the 127T, improved safety and operability
- Two handle versions: H606 (152.4 mm patch) and H607 (190.5 mm)

SPECIFICATIONS

Models	TS3636+H606 / TS3636+H607
Handle patch length	152.4 / 190.5 mm
Bag width	200–360 / 220–360 mm
Bottom width	70–210 mm
Cutting length	350–530 mm
Bag length	260–470 mm
Handle center distance	270–570 / 300–570 mm
Speed	150 bags/min

Price on request

PAPER BAG MAKING MACHINES

NEWLONG TS5525H

Newlong TS5525H Small-Format Paper Bag Making Machine



A compact Newlong model for small-format paper bags with handles — bag width 140–250 mm, length 205–420 mm. Bag-mouth opening, handle cutting and handle making units. Speed up to 150 bags per minute.

FEATURES

- Small format: bag width 140–250 mm, bottom width 60–140 mm
- Bag-mouth opening unit, handle cutting unit and handle making unit
- Paper width up to 810 mm, roll diameter up to 1,200 mm
- Speed up to 150 bags per minute

SPECIFICATIONS

Handle patch length	114.3 mm
Handle center distance	220–390 mm
Bag width	140–250 mm
Bottom width	60–140 mm
Bag length	205–420 mm
Cutting length	260–460 mm
Paper width (max.)	up to 810 mm
Paper roll diameter (max.)	1 200 mm
Speed	up to 150 bags/min

Price on request

BAGGING AND PACKING MACHINES

NEWLONG EFS

Newlong EFS Form-Fill-Seal Bagging Machine (EFS-11, EFS-22, EFS-32)



A series of automatic Newlong machines that form a gusseted polyethylene bag from roll-fed film tubing, fill it with granules or powder, seal it and cool the seal — all in a compact body. A typical task is bagging polymer granules in 20–30 kg bags (EFS-32: up to 50 kg).

FEATURES

- Bag making, filling, sealing and cooling of the seal in one machine
- Gusseted bags from polyethylene film tubing
- Sealing temperature and time and the cutting length are set on a graphic panel, which also shows status, faults and controller I/O
- High-efficiency filling chute: about 30 (EFS-11), 40 (EFS-22) and 30 (EFS-32) bags per minute with a 25 kg resin bag
- Used for polymer granules, powders and other free-flowing materials

SPECIFICATIONS

Models	EFS-11 / EFS-22 / EFS-32
Capacity	up to 1 000 / 1 850 / 2 200 bags/h
Filling material	Resin pellets, powders
Filling weight	20–30 / 20–30 / up to 50 kg
Bag width	380–460 / 380–460 / 380–450 mm
Bag length	— / 750–950 / 700–900 mm
Gusset depth	— / — / 35–80 mm
Film thickness	— / — / 80–200 µm
Film roll outer diameter	— / — / up to 1 500 mm
Roll core diameter	— / — / 150 mm
Bottom and top seal	EFS-32: pulse seal of bottom and top, angle seal by hot plate
Air consumption (0.5 MPa)	— / — / 2 700 NL/min
Power requirement	— / — / 24 kVA

Price on request

BAGGING AND PACKING MACHINES

NEWLONG 3CM-P

Newlong 3CM-P, 3CM-PS, 3CM-PDS Automatic Bagging Machines



A series of automatic Newlong machines for filling ready-made 20–30 kg bags: paper, woven polypropylene and polyethylene. Used for fertilizers, feed and polymer granules. The 3CM-PS has a servo drive; the 3CM-PDS fills two bags at once (up to 2,000 bags per hour).

FEATURES

- Bag feeding, clamping, filling and discharge are automatic; the bag is closed by a sewing machine, over-tape unit or heat sealer
- 3CM-P: universal base model — 1,200 bags per hour
- 3CM-PS: servo drive, up to 1,300 bags per hour; extended with versions such as the 3CM-PS VR with a vibration deaerator
- 3CM-PDS / PD: two sets of bag feeding, clamping and filling chute with one bag-closer unit — up to 2,000 / 1,800 bags per hour
- Bag types: kraft paper, paper laminated with woven PP, woven PP, single-layer polyethylene

SPECIFICATIONS

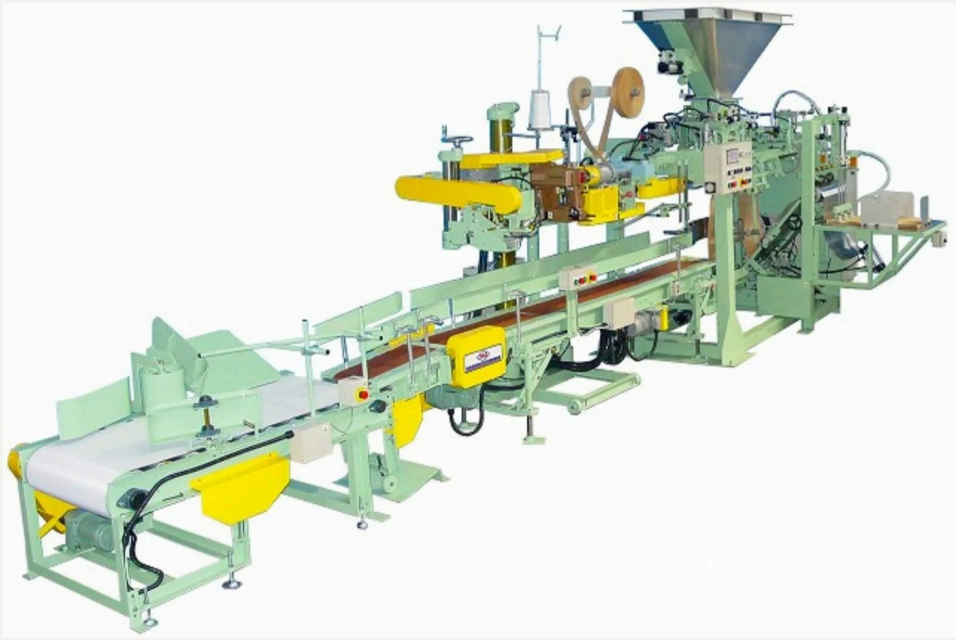
Models	3CM-P / 3CM-PS / 3CM-PDS (PD)
Capacity	1 200 / 1 300 / 2 000 (1 800) bags/h
Filling material	Fertilizer, feed, resin pellets, etc.
Filling weight	20–30 kg
Bag width	380–460 mm
Bag length	750–950 mm
Air consumption (0.5 MPa)	2 000 / 1 300 / 2 000 (3 000) NL/min
Power requirement	8,0 / 12,0 / 21,0 (16,0) kW
Machine weight	≈ 4.0 / ≈ 4.0 / ≈ 6.0 t

Price on request

BAGGING AND PACKING MACHINES

NEWLONG 3CM-3

Newlong 3CM-3 and 3CM-3G Automatic Bagging Machines



A compact automatic Newlong bagging machine for 20–30 kg bags: paper, woven and polyethylene. Suited to powders and granules; changing the bag-closer unit and the weighing machine adapts it to different bags and products. The 3CM-3G works with a gross weigher.

FEATURES

- Paper, woven polypropylene and single-layer polyethylene bags
- The bag type is changed by swapping the bag-closer unit; can be paired with any weighing machine
- 3CM-3: up to 600 bags per hour; 3CM-3G — gross-weigher series (3CM-3G, 3CM-3G-2)
- Options for the 3CM-3G: sewing closer for paper bags, checkweigher (1–35 kg, ±5 g), right-angle bag kicker, vibratory leveling and flattening conveyor
- Improved operability and safety

SPECIFICATIONS

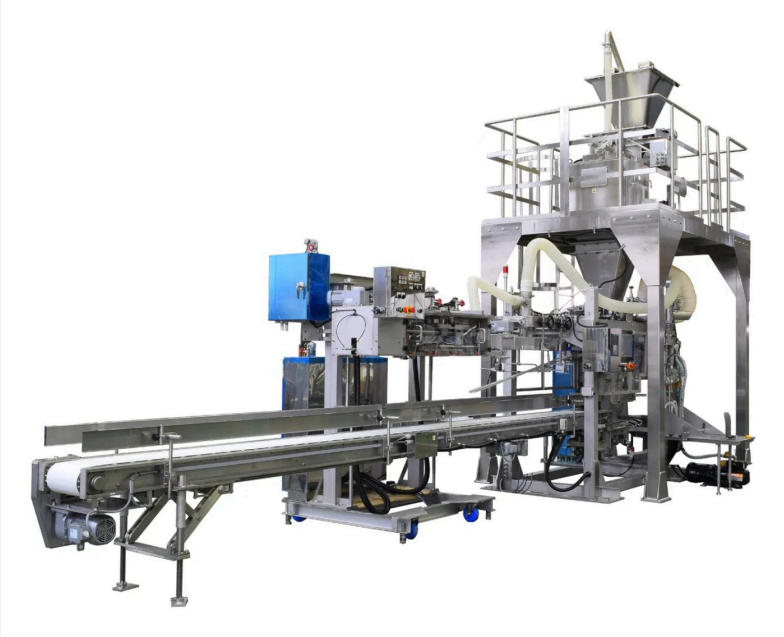
Models	3CM-3 / 3CM-3G / 3CM-3G-2
Capacity	600 / 300 / 200 bags/h
Filling weight	20–30 kg (3CM-3G: 10–30 kg)
Bag type	Kraft paper, woven PP, single-layer PE (3CM-3G: also multi-wall bags)
Bag width	380–460 (3CM-3G: 380–500) mm
Bag length	750–950 (3CM-3G: 650–850) mm

Price on request

BAGGING AND PACKING MACHINES

NEWLONG 3CM-5

Newlong 3CM-5, 3CM-5B, 3CM-5U Compact Bagging Machines



A series of compact automatic Newlong bagging machines for 20–30 kg bags: from bag feeding to closing. Small footprint and moderate cost. Suited to polymer granules, pet food, rice and other free-flowing products.

FEATURES

- Paper, woven polypropylene and polyethylene bags
- 3CM-5: up to 250 bags per hour, 3.0 kW, approx. 1.3 t
- 3CM-5B: up to 120 bags per hour, for paper bags; bag tilting, vacuum clamp, bottom tapping by vibration, lateral discharge; approx. 0.8 t
- 3CM-5U: 300–500 bags per hour, pellets; bags 750–850 × 420 × 76 mm; without the bag-closing machine
- 3CM-5G: gross-weigher version, 250 bags per hour (3CM-5G-2: 150)

SPECIFICATIONS

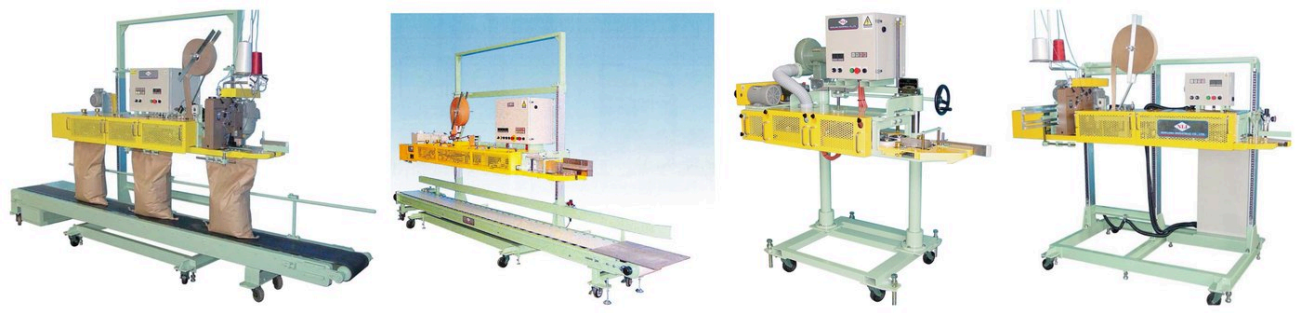
Models	3CM-5 / 3CM-5B / 3CM-5U / 3CM-5G
Capacity	250 / 120 / 300–500 / 250 bags/h
Filling weight	20–30 kg
Bag type	Kraft paper, woven PP, PE (3CM-5B — paper only)
Bag width	380–460 mm
Bag length	750–950 mm
Air consumption (0.5 MPa)	200 / 300 / — / — NL/min
Power requirement	3,0 / 1,5 / 3–3,5 / — kW
Machine weight	≈ 1.3 / ≈ 0.8 t (3CM-5 / 3CM-5B)

Price on request

BAG CLOSING, BIG BAGS AND PALLETIZING

NEWLONG KS / FT / HS

Newlong Bag Closing Machines: KS, FT, HS, IMS, PBC/PBS Series



Newlong machines for closing filled bags at the end of a bagging line: sewing, over-tape sealing, heat sealing and impulse sealing. Chosen for the bag type — paper, woven, polyethylene — and the line capacity.

FEATURES

- KS-1, KS-2, KS-221 — closing of filled bags: heat sealing of the inner liner combined with a sewing head (also with crepe tape)
- FT — overtape sealer with folder: no thread fuzz, the package is sealed
- HS — high-speed heat sealers for PP and PE bags
- IMS — impulse movable sealer; PBC / PBS — sealers for pinch bags
- A1-PB and B-2 — compact bag closers with a sewing head (DS-9C, DS-2II); the B-2 handles 200–300 bags per hour

SPECIFICATIONS

Machine types	KS-1, KS-2, KS-221, FT, HS, IMS, PBC/PBS, A1-PB, B-2
Capacity	B-2: 200–300 bags/h
Stitch width	B-2: 7–12 mm

Price on request

BAG CLOSING, BIG BAGS AND PALLETIZING

NEWLONG BIG-BAG

Newlong Big-Bag Filling Machine



Newlong machines for filling flexible intermediate bulk containers (big bags) with free-flowing materials — polymer granules, powders, fertilizers. The configuration (number of stations, dosing, bag feeding and discharge) is selected for the product and the capacity.

FEATURES

- Big-bag filling with weight control
- Bag feeding and discharge on a roller conveyor
- One or several filling stations, built for the customer's product
- The layout is agreed for the room and the line capacity

SPECIFICATIONS

Filling material	Polymer granules, powders, fertilizers
Capacity	Per project

Price on request

BAG CLOSING, BIG BAGS AND PALLETIZING

NEWLONG PALLETIZER

Newlong Bag Palletizing System



Newlong palletizing systems for bags and packs at the end of a bagging line: pallet feeding, layer stacking and discharge of the finished pallet. Engineered for the product, pack size and line capacity.

FEATURES

- Stacking of bags on pallets at the end of the bagging line
- Pallet feeding and discharge of the finished pallet on a roller conveyor
- Works in one line with 3CM and EFS bagging machines
- Composition and capacity are defined by the project

SPECIFICATIONS

Capacity	Per project

Price on request

Contact us

Leave a request on the site or message us on WhatsApp: +84 867 245 854. Tell us the product, the bag size and the capacity you need — we will select a model and calculate the price.

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Message us on WhatsApp

Specifications are taken from the manufacturer's catalogs and may change.