

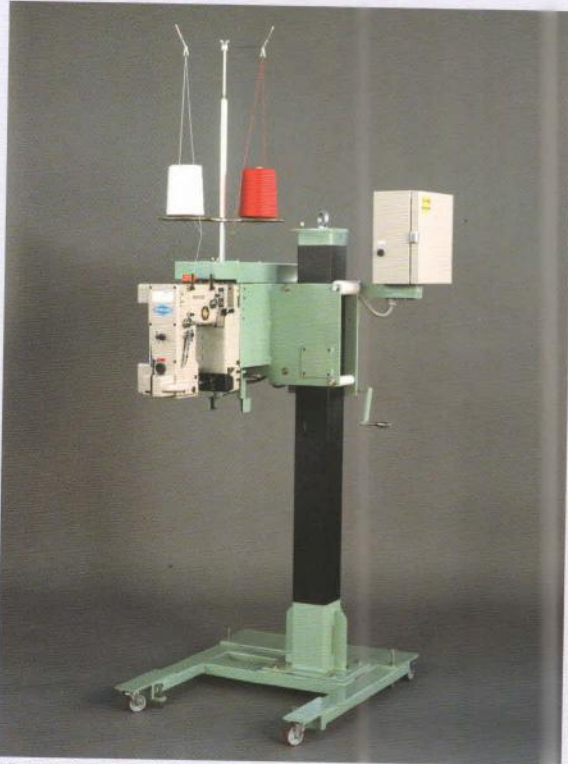


NEWLONG®

NEWLONG AUTOMATIC BAG CLOSING MACHINE

MODEL A1-PB(DS-9C)

SIMPLE, COST EFFICIENT PEDESTAL



Model A1-PB (DS-9C)



Model DS-9C

NEWLONG offers the latest in bag closing technology with the A1-PB height adjustable pillar and DS-9C high speed, oil enclosed sewing head. Available for both plain sewn and crepe-tape bound closure. This closing system can be used with a range of NEWLONG conveyors or an existing conveyor.

SPECIFICATIONS

| | |
|---------------------|--|
| Sewing Head Height | 720 -1,220 mm from floor to needle |
| Brake Moter | 4P , 3 Phase, 0.75KW or 0.4KW depends on conveyor speed |
| Start/Stop | Photo-switch |
| Sewing Hard | Model DS-9C |
| Max. Speed | 2,700 r.p.m. |
| Stitch Width | 7- 10.5 mm (standard setting 10 mm) |
| Stitch Type | Single Needle, Double Thread Chain Stitch (single thread available by special order) |
| Cutter Type | Air Cylinder Driven Guillotine Cutter |
| Air Pressure | 4 kg/cm ² |
| Air Consumption | 3.5 Nℓ/min. |
| Lubrication System | Automatic Oil Bath System (Recommended Oil : Shell Tellus Oil #32) |
| Oil Feeding Volume | 1,740 cc (approx.) |
| Machine Pulley Dia. | 100 mm, Variable speed pulley available by special order |
| Needle Type | DR-H30 #26 |
| Thread | Synthetic or Cotton, 20/6, 20/9 |

*Crepe-tape stand and binder are not included as a standard supply of plain sewn closure. Please specify plain sewn closure or crepe-tape bound closure when ordering.

PACKING INFRMATION

| Model | A1-PB(DS-9C) | A1-PB(DS-9C) + CM4900-3 | A1-PB(DS-9C) + CM4900-1 | A1-PB(DS-9C) + CP4900 |
|------------------------|-------------------|-------------------------|-------------------------|-----------------------|
| Net Weight (approx.) | 250kg | 320kg | 280kg | 300kg |
| Gross Weight (approx.) | 350kg | 450kg | 380kg | 430kg |
| Measurement (approx.) | 2.4M ³ | 3.2M ³ | 2.5M ³ | 2.8M ³ |

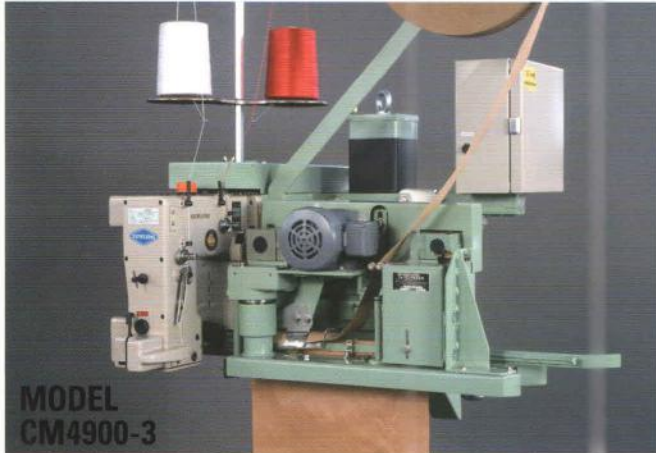
*Specifications subject to change without prior notice.

NEWLONG MACHINE WORKS, LTD.

MODEL CM4900-3, CM4900-1 AND MODEL CP4900 NEWLONG AUTOMATIC INFEEED DEVICES

Automatic infeed devices, Model CM4900-3, CM4900-1 and CP4900 can be mounted on Model A1-PB (DS-9C) pedestal type bag closing machine.

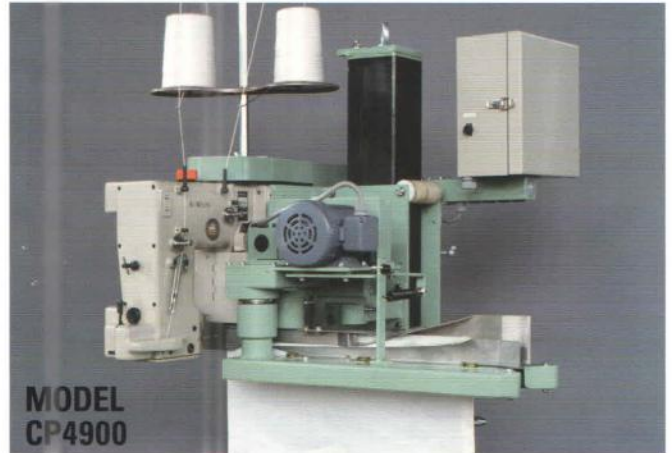
Infeed Speed : Standard 10 m/min. Please specify conveyor speed when ordering.
Induction Motor : 0.2KW, 4P, 3 Phase. Please specify voltage and hertz when ordering.



**MODEL
CM4900-3**

Automatic Infeed and Bag Top Trimming Device for crepe-tape bound closure on paper bags.

Crepe-Tape Width : Standard 55 mm, other width available.



**MODEL
CP4900**

Automatic Infeed and Bag Top Folding Device for plain sewn closure on PP/PE woven cloth bags.

Bag Top Empty Space Required for Folding : 170 - 200 mm
Bag Top Folding Depth : 30 - 60 mm



**MODEL
CM4900-1**

Automatic Infeed Device for plain sewn closure on paper bags and PP/PE woven cloth bags.



**Model
A1-PB+CP4900**

NEWLONG PACKAGING MACHINERY
(BEIJING) CO., LTD. for bag closing machine
ISO 9001



NEWLONG MACHINE WORKS, LTD.

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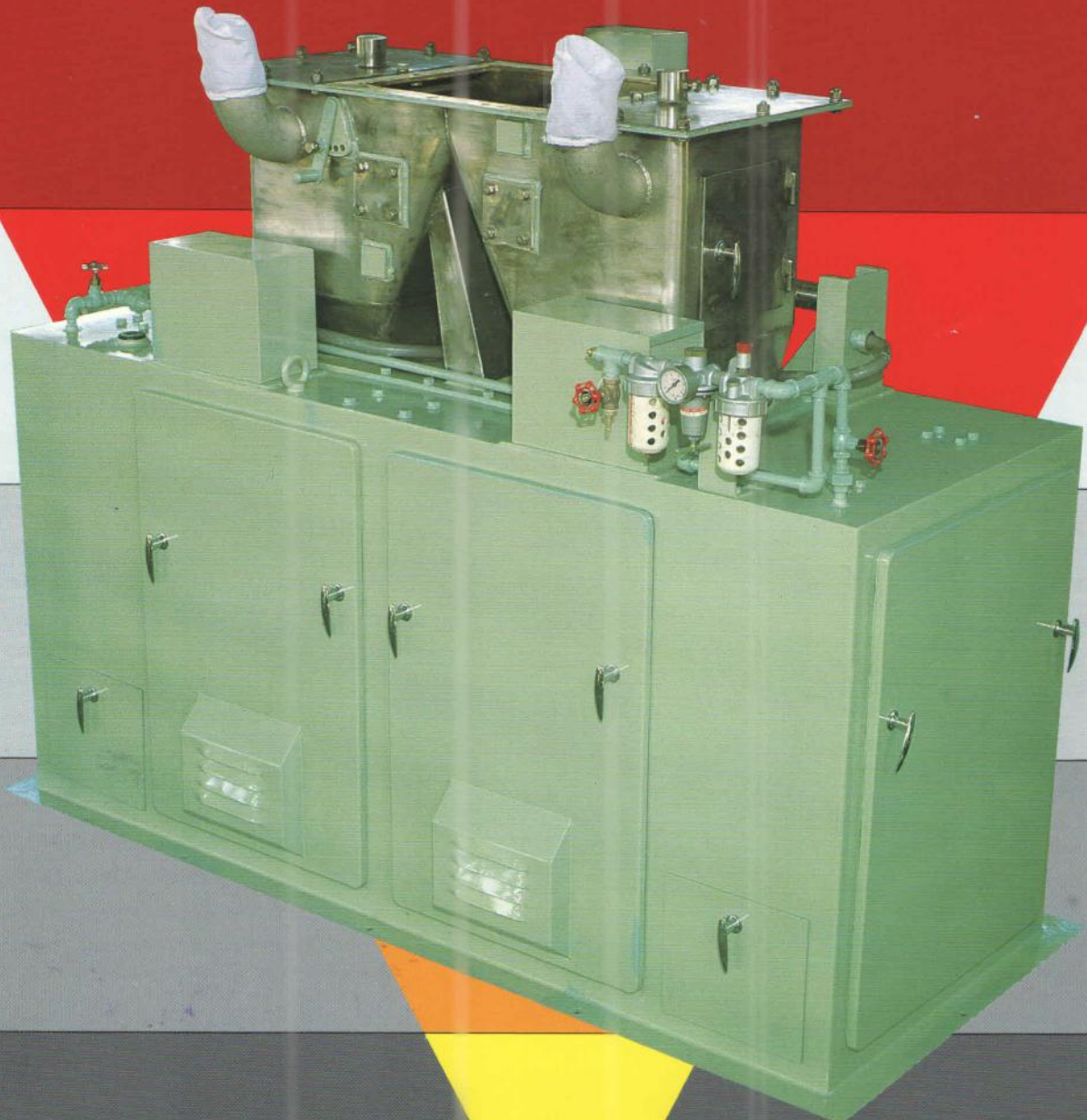
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NET WEIGHING SCALE

ELECTRONIC TYPE WITH LOAD-CELL,
For weighing and filling any kinds of free-flowing and semi-free-flowing products.



NEWLONG MACHINE WORKS, LTD.

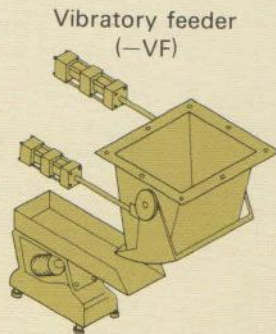
Tokyo, Japan

LOAD-CELL WEIGHER, HIGHER ACCURACY

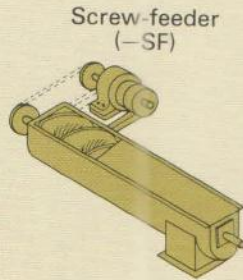
INTRODUCTION

In addition to balance-beam mechanical type net-weigher, NEWLONG now offers more sophisticated electronic type weigher, using most reliable load-cell. NEWLONG can supply a full range of automatic bagging machines, including weigher (net and gross) and auxiliary bag handling equipments.

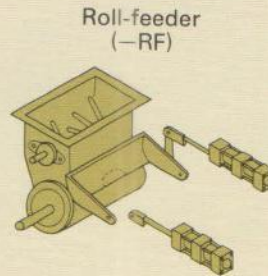
Please contact Newlong, Japan, or any overseas affiliated companies for details.



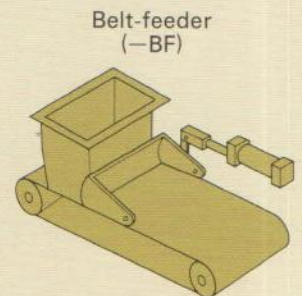
Vibratory feeder
(-VF)



Screw-feeder
(-SF)

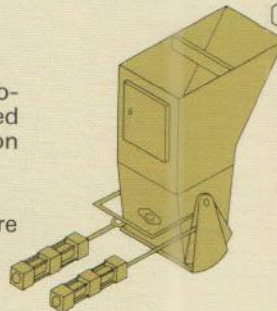


Roll-feeder
(-RF)

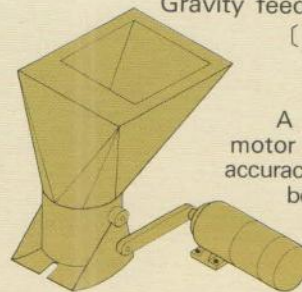


Belt-feeder
(-BF)

Gravity feeder by air cylinder
(-GF(P))



Gravity feeder by servo-motor
(-GF(S))



FEEDER APPLICATIONS

Besides gravity-feed for free-flowing products, kinds of forced-feed available, depending on products to be weighed.

VF, SF, RF, BF, and GF(P)/(S), are abbreviation of feeder system.

A newly developed servo-motor operated cut gate. Higher accuracy and bigger capacity can be assured with linear cut mechanism.

MODEL NAME

| | |
|------------------------------------|---|
| NLC-100S-GF(P)/(S), VF, SF, BF, RF | |
| -100D- | " |
| -100T- | " |
| NLC-200S-GF(P)/(S), VF, SF, BF, RF | |
| -200D- | " |
| -200T- | " |

Notes

1. 200 shows standard, while 100 shows stainless specification.
2. S represents single weigher, D for duplex, and T for triple.
3. Specify any one of feeder system with its abbreviation.

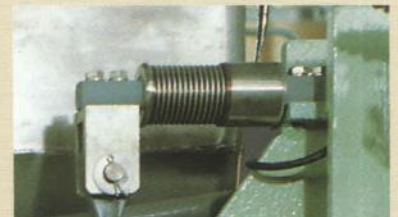
WEIGHT PRINTER



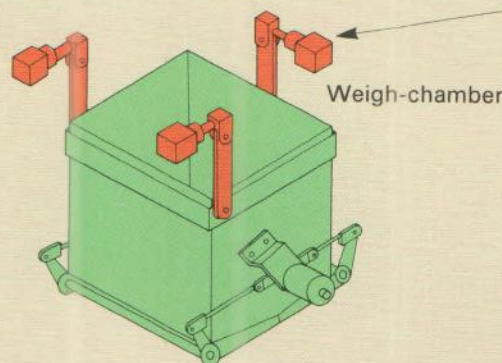
Optional item with additional cost. Actual net weight is printed out in 5-figure number at each weighing time. (option)

LOAD-CELL

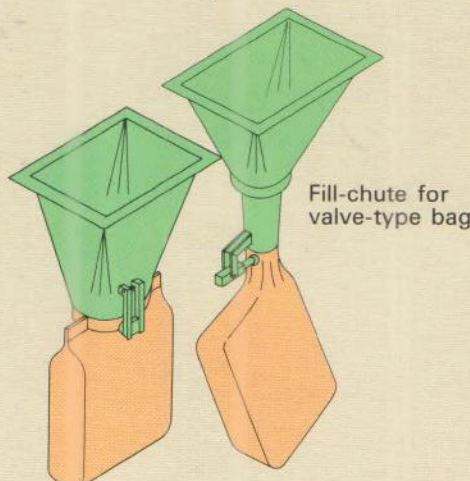
Rated load : 50kgf
Rated out put : 2mV/V
Nonlinearity : 0.05% FS
Repeatability : 0.03% FS
Overload = 150%



Load-cell is an essential part of weigher. Most reliable load-cell is adopted. Normally three load-cells are used on one weigher. Suspension system differs, depending on quantity of load-cell.



Weigh-chamber



Fill-chute for valve-type bag

DIGITAL DISPLAY



Actual weights appear in 5-figure number at each weighing time. Visible display of weight is another advantage of this weigher over conventional mechanical one.

CHARACTERISTICS

1. Automatic adjustment of in-flight products

A volume of products floating after a cut-off gate closed (in-flight products) varies a little depending on storage of products in hopper. This adjustment works to compensate in-flight products according to an automatic calculation of an average value of five consecutive weighing and automatically gets a next in-flight volume closer to a target value.

2. Automatic checking target weight

When a weighing completes, a weighed amount is checked with upper and lower limit pre-set against

fixed weight. When it exceeds an upper limit, a buzzer heard as notice. If the weight is less than lower limit, the products are not discharged until it reaches the limit by additional dosing of the products. No short weighing produced.

3. Automatic zero adjustment

Powder adhered to weigh-chamber often causes weight difference. This adjustment works to cancel adhered volume and to return to "zero" by pressing a button on panel.

MA Type Control Unit



MX Type Control Box

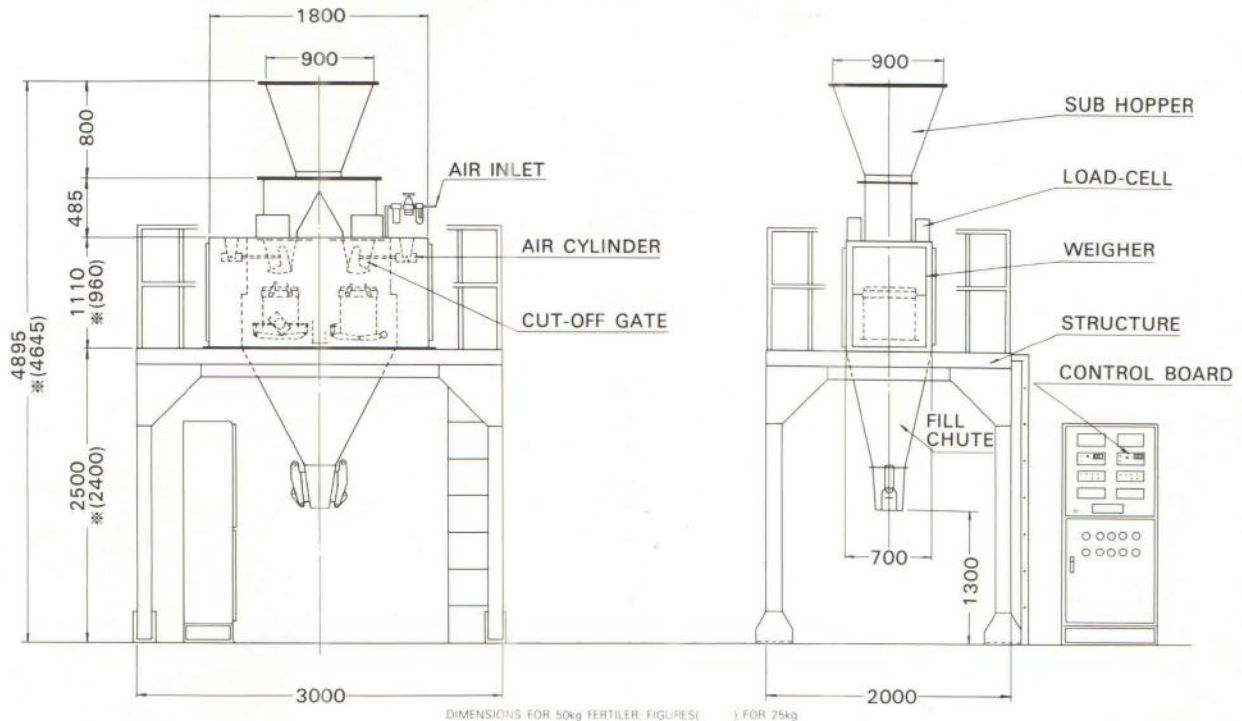
(for triple scale,
including control unit
and digital display)



MX Type Control Unit



STANDARD ARRANGEMENT DUPLEX WEIGHING SCALE (MODEL NLC-100D-GF)



※ Dimensions subjects to change without notice. The above drawing shows a standard arrangement. NEWLONG can design any particular structure to meet requirements.

SPECIFICATIONS

| Model | NLC-100S/200S | NLC-100D/200D | NLC-100T/200T |
|---|---|-----------------|-----------------|
| Speed bags per hour | 400-600 | 600-1,200 | 1,200-1,800 |
| Weighing range kg per bag | 20-50 | 20-50 | 20-50 |
| Accuracy | ±1/500-±1/1,500 | ±1/500-±1/1,500 | ±1/500-±1/1,500 |
| Products to be weighed | From granular to powder (special attachments may be needed, depending on characteristics of product). | | |
| Net weight (weigher) kg | 480 | 800 | 1,440 |
| // (control box) kg | 130 | 150 | 180 |
| Export P'kg M'ment-cubic meter weigher + control box | 2.8+1.40 | 4.5+1.55 | 14.3+1.84 |

| POWER REQUIREMENT | | |
|---|---------|---------|
| Single | Duplex | Triple |
| 0.7kw/h | 1.0kw/h | 1.3kw/h |
| 100V AC, single phase (power supply). available. 220V, on 440V, 3ph, are also available by stepping down with transformer | | |

| AIR CONSUMPTION | | |
|--|-----------|-----------|
| Single | Duplex | Triple |
| 80NI/min | 120NI/min | 160NI/min |
| Available with compressed air of 5kg/cm ² | | |

Options

- Weight printer
- Tare cancelling device for every weighing
- Sub-hopper, support frame, filling-chute, stainless steel materials for anti-corrosive

NEWLONG MACHINE WORKS, LTD.

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