



# NEWLONG®

## AUTOMATIC BAGGING MACHINE

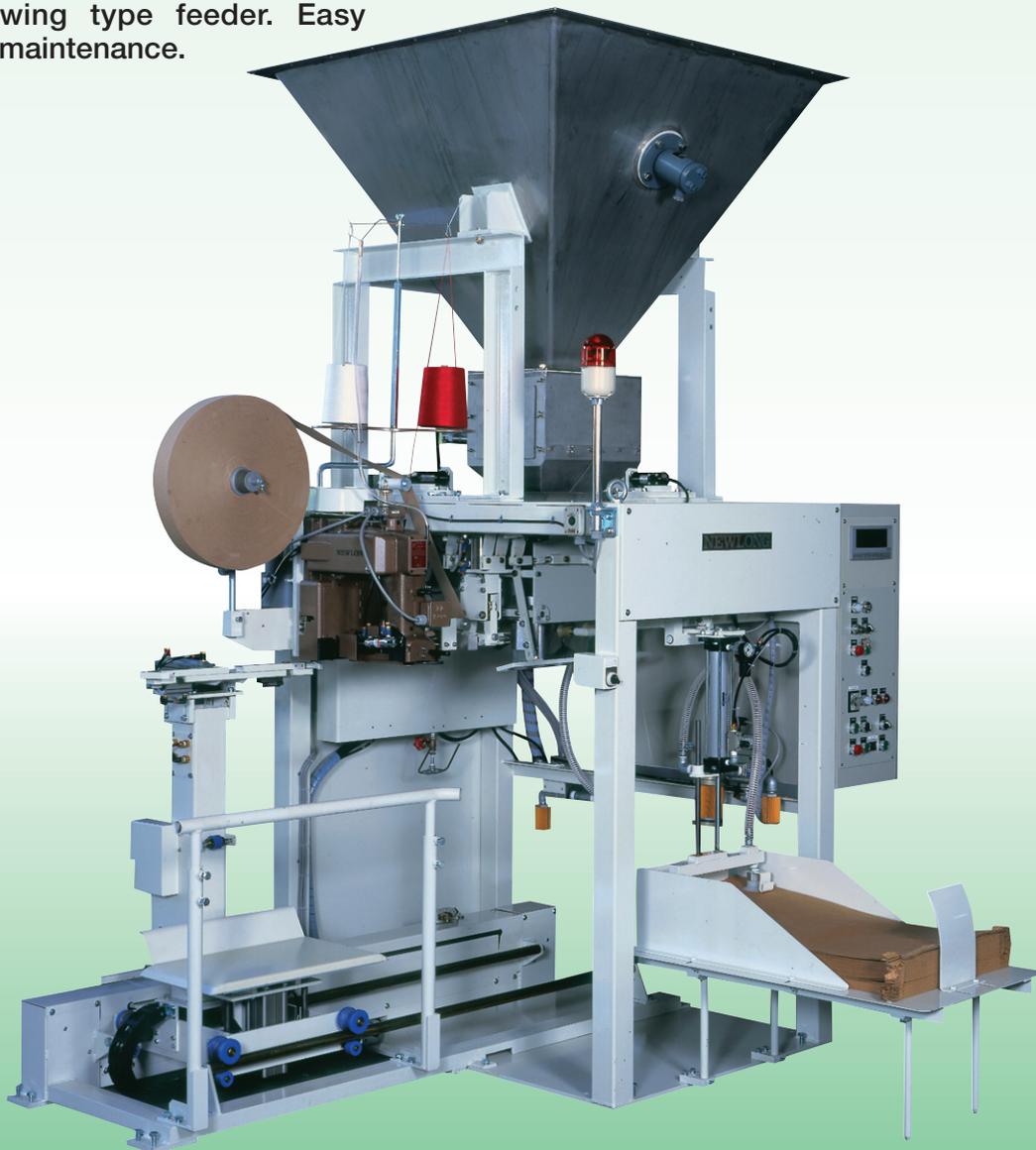
# MODEL 3CM-5BG

### Economically Designed Gross Weighing and Bagging System

Direct filling granular products by gross-weighing system in which filling and weighing are done at the same time.

Designed to place bags at fill-chute directly by swing type feeder. Easy operation and maintenance.

# 3CM-5BG



NEWLONG PACKAGING MACHINERY  
(BEIJING) CO., LTD.  
HEAT SEALERS  
ISO 9001



NEWLONG GIKEN CO. LTD.,  
AIR SHAFTS  
ISO 9001



# NEWLONG MACHINE WORKS, LTD.

# MODEL 3CM-5BG

## MACHINE CONSTRUCTION

### ① Bag feeder

50 bags are set on the bag magazine, where the bag mouth is placed at the main body side.

### ② Bag pick-up section

The bag is picked-up one by one and turned in 90° toward filling section.

### ③ Bag clamp section

The both side of the bag is clamped. Automatic bag detector confirms the right position of the bag clamp.

### ④ Bag opening section

After bag opening by vacuum cup, it will remove away from the bag. At the same time, bag clamp closes each other. Vacuum generator is used for vacuum operation.

### ⑤ Filling section

Expanding spout fills products smoothly into the bag. Bag clamp spread out bag at both gusset of the bag after filling finishes.

### ⑥ Weighing section

Three load-cells suspend bag clamp and filling section. The automatic zero adjustment is done on the empty bag.

### ⑦ Bag carrier, bag bottom tapper

When filling products, bag carrier moves to filling section and bag bottom tapper lifts up the bag bottom to accelerate the filling products.

### ⑧ Bag former

After the bag is spreaded, press bars at filling section and bag carrier form good shape of the bag.

### ⑨ Bag clamp finger

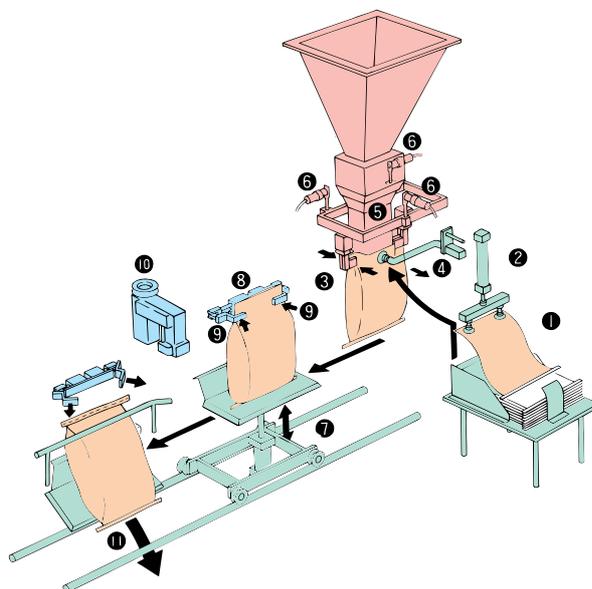
The clamp bag is carried to sewing machine after bag forming.

### ⑩ Bag sewing machine (Model DS-6AC)

Detecting the bag, the sewing machine operates and bag clamp fingers are released. Detecting the end of the bag, the sewing machine stops.

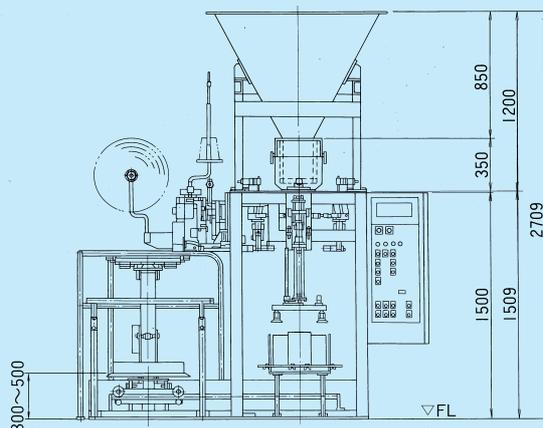
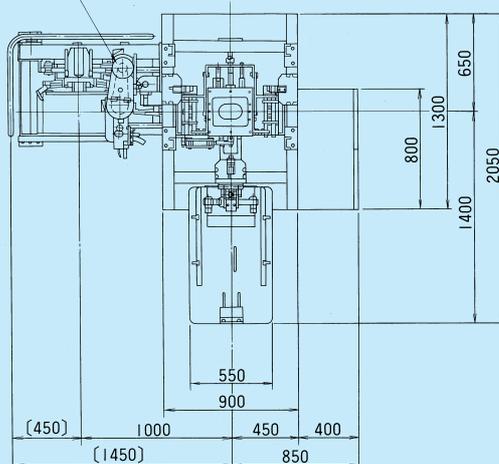
### ⑪ Discharging

Bag carrier runs and stops at the fixed position, then the bag is discharged by inclined tapper plate.



## 3CM-5BG

MOTOR FOR SEWING MACHINE



## SPECIFICATIONS (subject to change without notice)

<b>SPEED</b>	max. 120 bags/hour* (sewing machine speed is 8m/min.)
<b>BAG SIZE</b>	650 850L × 400 440W × 76GW (paper bag 3~4ply)
<b>BAG WEIGHT</b>	25kg (20kg~30kg)
<b>ACCURACY</b>	±1/1000 (in case of 25kg)
<b>POWER REQUIRED</b>	approx. 1.5kw (excluding air compressor)
<b>AIR CONSUMPTION</b>	approx. 300Nl/min. (5kg/cm <sup>2</sup> G) by vacuum generator
<b>MACHINE WEIGHT</b>	approx. 700kg

\*depends on products and bag size

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CTG NO. C5019-E-K PRINTED IN JAPAN 2006. 5. 2000