



## ***No.1 Raw Grain Popping Machine manufactured in Korea***

**100% RAW MATERIAL USE**

**100% NATURAL HEALTHY GRAIN CAKE**



**SHINYOUNG MECHANICS CO.,LTD.**



# ***Introduce of SYP Popping Machine***

## **SYP Model (Natural Grain Popping Machine)**

Our **SYP** model is designed such that it can produce Popping grain snack/ Chip/ Cracker/ Cake using 100% natural grains.

Currently mechanical devices are being made, but it is not able to handle the high pressure continuously and produces nonuniform products. Its parts such as chains and motors are worn out easily and causes frequent breakdowns.

Our **SYP** model corrected these flaws and uses hydraulics to produce uniform products and significantly increased its durability. Additionally, variety of molds are available in different sizes and shapes to satisfy customer needs. Small machines can be produced for local shops and and larger machines can be produced as well for factories.

Our **100% natural grain snack** can replace meals, is excellent for kids, and is good as a diet food. Furthermore our rice cakes made with 100% brown rice is good as a snack for people with diabetes.





# How to produce a natural cereal cake ?

## Natural Cereals



White Rice  
Brown Rice  
Black Rice  
Broken Corn  
Whole Wheat  
Buck Wheat  
Barley  
Millet  
Adlay  
Oatmeal  
Wheat Pellet  
Bean Pellet  
Potato Pellet  
Corn Pellet  
Sweet potato  
Pellet  
Multi-Grain



## Popping by SYP



## Natural Cereals

Popping

Natural POP Snack

**EASY!!**



**Natural Cereal Cake**

# Natural Cereal Cake(Snack/Chip) Products by SYP



**Rice Cake**  
Material : White Rice 50%  
Brown Rice 50%



**Corn Chip**  
Material : Broken Corn 100%



**Rice chip**  
Material : White Rice 50%  
Brown Rice 50%



**Rice Cake (Bone & Bear)**  
Material : White Rice 50%  
Brown Rice 50%



**Corn Chip**  
Material : Broken Corn 100%



**Wheat Cake**  
Material : Whole Wheat 100%



**Rice cake**  
Material : White Rice 50%  
Brown Rice 50%








**Rice cake (Giraffe & Whale)**  
Material : White Rice 50%  
Brown Rice 50%



Produced by various  
materials & designed molds



Produced by Pellet Material  
Potato, Strawberry, Shrimp

| 25mm   | 30mm  | 35mm  | 40mm  | 45mm  |
|--|---|---|---|---|
|  |  |  |  |  |
| SYP2515  | SYP3008   | SYP3508   | SYP4006   | SYP4506   |



# Features of SYP Series



## 1. Widened Controlling Function

=> It is possible to pop any kinds of materials by widened pressure control range. (Rice, Brown rice, wheat etc..)

## 2. Silent Operation

=> There are no shocks by oil pressure system and it is possible to use everywhere and anyplace

## 3. Automatic Production

=> It is possible to manufacture automatically by Microcontroller system (SYP4509 : PLC Control) and pushing the manufactured goods

## 4. Automatic Temperature Controlling

=> It is convenient to operate by automatic temperature controlling system from the TPR system in this machine

## 5. Excellent Persistence

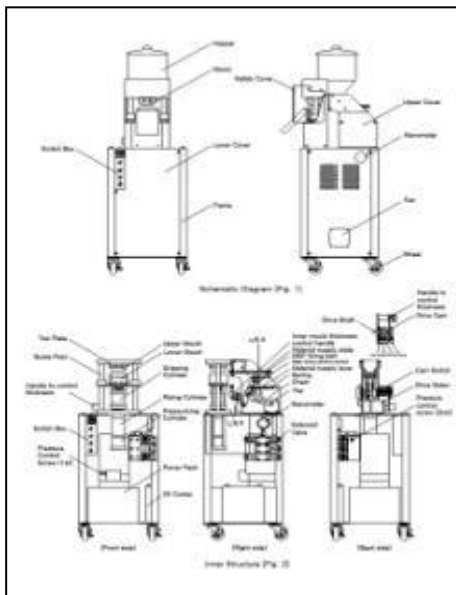
=> There are no shocks and no breakdown

## 6. Easy adjustment

=> Thickness, Deep of mold & Cooking time can be adjusted by front handle

## 7. Easy movement

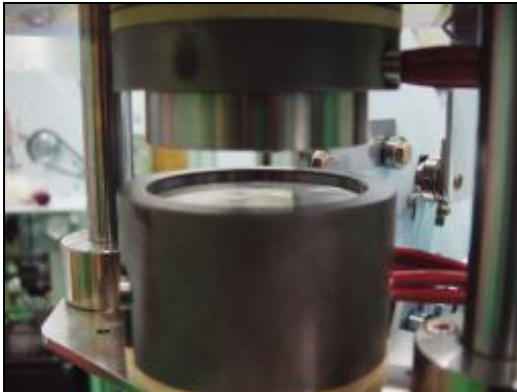
=> Machine can be moved by hand



# ***SYP 85(90)01(Sleeve Type Model)***



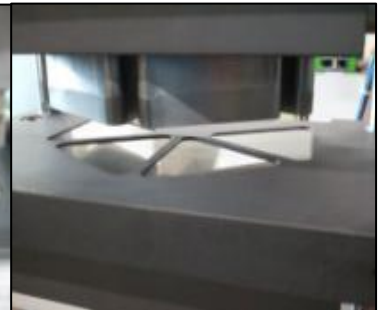
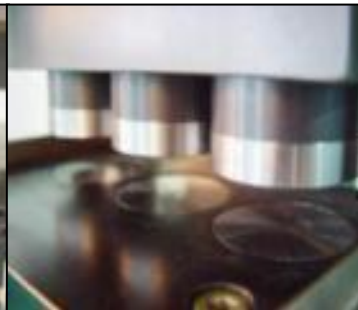
|                    |  |
|--------------------|--|
| Size               | 575(L)mm X 470(W)mm X 1,420(H)mm   |
| Weight             | 175kg  |
| Electric           | 220V / 50 or 60Hz(1phase 2Kw Max)  |
| Heater Temperature | Max : 400 °C    Min : -10 °C   |
| Working Capacity   | 1pc every 10sec  |
| Material           | 100% Of Various Grains   |
| Size of Snack      | D : 85 or 90mm * T : 3~10mm(3~15mm Option)   |
| Capacity           | 360pcs / hour  |
| Size of Hopper     | 8L (7kg of rice), 2hours production<br>25L (21kg of rice), 6hours production(Option) |



# ***SYP Model (Plate Type Model)***



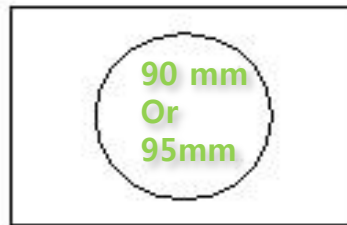
|                             |  |
|-----------------------------|--|
| <b>Size</b>                 | 575(L)mm X 470(W)mm X 1,420(H)mm   |
| <b>Weight</b>               | 185kg  |
| <b>Electric</b>             | 220V / 50 or 60Hz(1phase 3.5Kw Max)  |
| <b>Electric Consumption</b> | 2Kw  |
| <b>Working Capacity</b>     | 1~25pcs per every 10sec  |
| <b>Material</b>             | 100% Of Various Grains   |
| <b>Size of Snack</b>        | D : 25~100mm (Round, Square, Rectangle)<br>T : 3~10mm (Different depending on Model)<br><b>"Special designed mold"</b> |
| <b>Capacity</b>             | 360~5,400pcs / hour  |
| <b>Size of Hopper</b>       | 8L (7kg of rice), 2hours production<br>25L (21kg of rice), 6hours production(Optional)                                 |



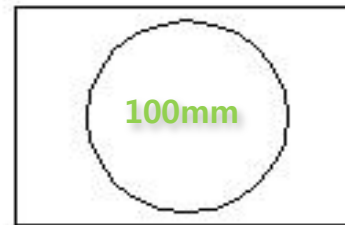
# Shape of Mold (Plate Type)



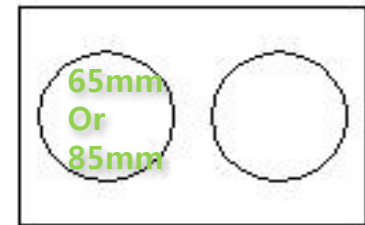
**SYP80(85)01**



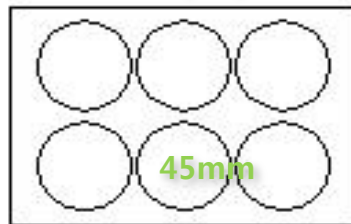
**SYP90(95)01**



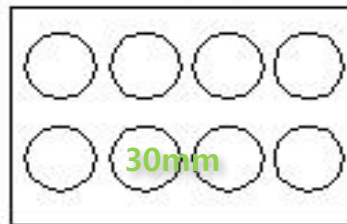
**SYP10001**



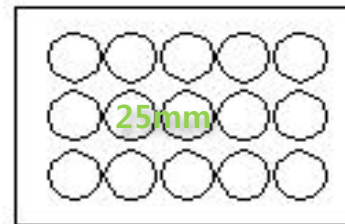
**SYP6502 / SYP8502**



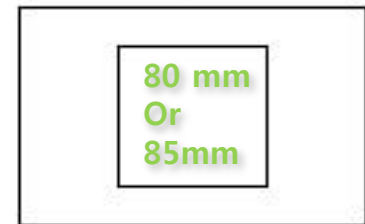
**SYP4506**



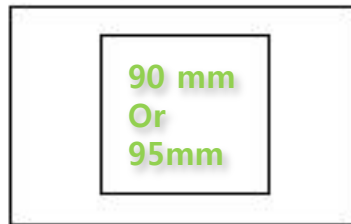
**SYP3008**



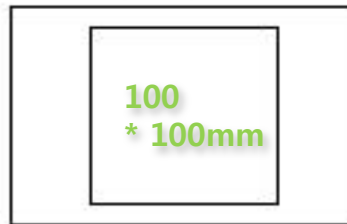
**SYP2515**



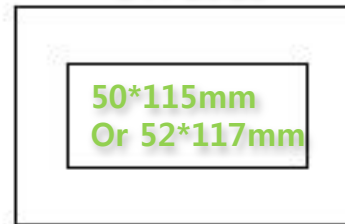
**SYP80(85)01(S1)**



**SYP90(95)01(S1)**



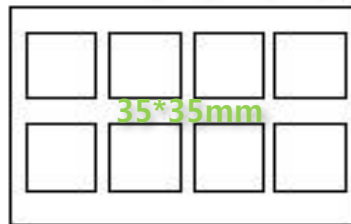
**SYP10001(S1)**



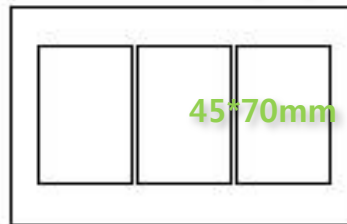
**SYP50115(R1)**



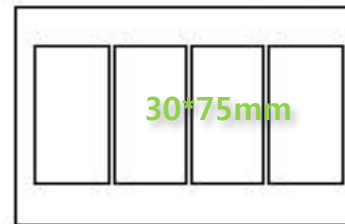
**SYP6060(S2)**



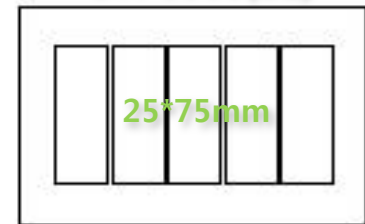
**SYP3535(S8)**



**SYP4070(R3)**



**SYP3075(R4)**

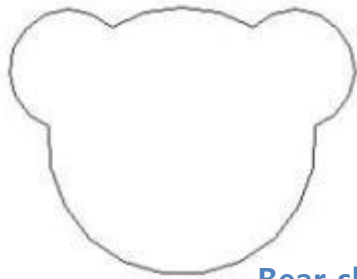


**SYP2575(R5)**

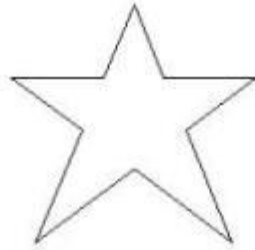
**Other sizes of mold can be produced as your request**



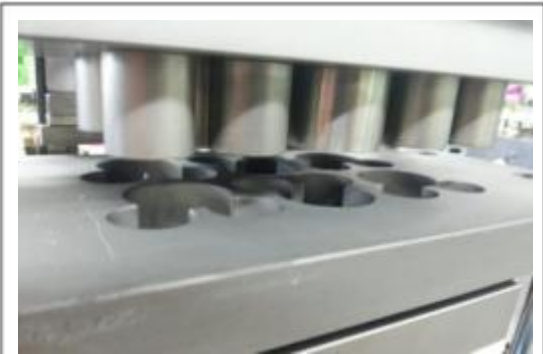
## ***Special Designed Mold (Plate Type)***



Bear shape



Star shape



**Other shape of mold can be produced as your request**

## Information of Model (Plate type)

| Model  | Shape of cake | Size of cake                       | Capacity(H) | Remark       |
|--|---------------|------------------------------------|-------------|--------------|
| SYP8501  | Round         | 85mm (T:3~10mm)                    | 360pcs      | 1pc / shot   |
| SYP9001  | Round         | 90mm(T:3~10mm)                     | 360pcs      | 1pc / shot   |
| SYP10001                                       | Round         | 100mm(T:3~10mm)<br>(Option : 15mm) | 360pcs      | 1pc / shot   |
| SYP6502  | Round         | 65mm(T:3~10mm)                     | 720pcs      | 2pcs / shot  |
| SYP8502  | Round         | 85mm(T:3~12mm)                     | 720pcs      | 2pcs / shot  |
| SYP4506  | Round         | 45mm(T:3~8mm)<br>(Option : 2mm)    | 2,160pcs    | 6pcs / shot  |
| SYP3008  | Round         | 30mm(T:3~8mm)                      | 2,880pcs    | 8pcs / shot  |
| SYP2515  | Round         | 25mm(T:3~8mm)                      | 5,400pcs    | 15pcs / shot |
| SYP8585(S1)                                    | Square        | 85mm(T:3~10mm)                     | 360pcs      | 1pc / shot   |
| SYP50115(R1)                                   | Rectangle     | 50*115mm(T:3~10mm)                 | 360pcs      | 1pc / shot   |
| SYP6060(S2)                                    | Square        | 60mm(T:3~10mm)                     | 720pcs      | 2pcs / shot  |
| SYP4570(R3)                                    | Rectangle     | 45*70mm(T:3~8mm)                   | 1,080pcs    | 3pcs / shot  |
| SYP2575(R5)                                    | Rectangle     | 25*75mm(T:3~8mm)                   | 1,800pcs    | 5pcs / shot  |
| SYP6758(T4)                                    | Triangle      | 67*58mm(H) (T2-3mm)                | 1,440pcs    | 4pcs / shot  |
| Special Molds (Bear, Mouse, Bone, Animal etc.) |               |                                    |             |              |

# Selling in Market



## Materials

1. Raw Rice
2. Brown Rice
3. Barley
4. Black Bean
5. Corn

## Materials

1. Raw Rice
2. Brown Rice
3. Sticky rice
4. Black rice
5. Barley

# Products by overseas buyer





# ***POP Snacks produced by overseas buyers***



***Diet Snack with Soup & Crackers  
Produced by raw grains***



***Rice cake with chocolate coated***



***Potato chip produced by  
potato pellet***



***POP Snacks produce by Soy, Wheat pellet  
or Broken Corn***

# ***Installation in Factory***



**Rice cake production line (Round)**



**Rice cake production line (Square)**



**Chips Production Line (SYP4506)**



# ***Installation in Factory (Chocolate Coating Line & Packing)***



**Chocolate Coating for Cake**



**Packing for Cake**



## ***Contact Info.***

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