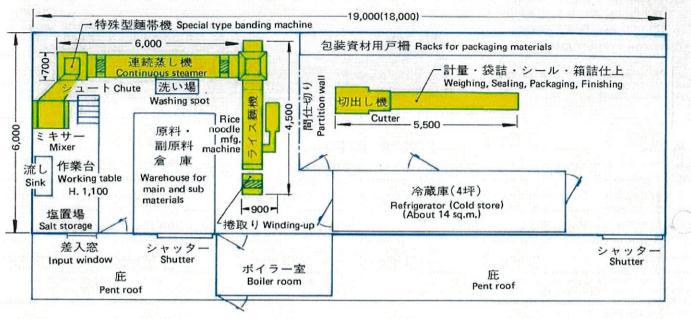
# ライス麵製造工場(Bタイプ麵機)設営配置参考図

ERRECTING ARRANGEMENT VIEW FOR RICE NOODLE PRODUCTION FACTORY (MODEL B MACHINE

建坪約35坪 建坪約35坪庇約11.5坪(内ボイラー室2坪)

Building: 120 sq.m. Pent roof: 38 sq.m.

(Boiler room: 6.5 sq.m.)



\*

# ライス麵機(Aタイプ)

# ■仕様

機械構成 麺帯機/成型機/熟成機の連絡システム

処面馬力 総計4.5KW

能 力 1分間20~30食

|時間|,200食(1,200~1,800食)

ロール巾 220%巾

設置寸法 長/4000 巾/1000 高/1500

●尚ライス類製造には本機、控機、蒸し機、切出機の他、水道連結が必要です。

# ■製法及び使用の概要

- ①ミキサーにて原料に適量加水したものを、蒸し器で蒸し上げ生地をつ
- ②蒸し上げた生地を麺帯機ホッパーに投入する。
- ②ホッパー内の生地は、送り込みロールにより充分練りあわされながら 連続スクリューに押しこまれ、独特の構造により、押し、突きの作用 をくり返して、ライス麺特有の味を生かす様に設計されたノズルから 定圧にて、定量・定厚・定巾の麺帯となって送り出される。
- ①1組の特殊ロール(表面テフロン加工、内部に冷水循環装置付)により 一定の厚さに整形され、自動的に熟成、冷却機構に導入される。⑤充分熟成された腫帯に散粉機にて澱粉を散布し捲取りをする。
- ⑤ 佐取りした製品(施帯)は約12時間後(1夜おく)に切刃、定寸カットの 作業に移るのが理想的である。

#### SPECIFICATIONS (Model A)

Composition: Linkage system of Rice Paste Banding Machine, Forming Machine and Drying Machine

Required horsepower: ---------Total 3.8Kw

Required horsepower: Total 3.8Kw
Capacity: 20 to 30 meals (packs of rice noodle) per minute

1,200 meals per hour (1,200 to 1,800 meals )

Roll width: 220 mm

Floor area occupied by machine: 4,500mm long x 900mm wide x
1,200mm high

\* Rice noodle mfg. machine must be further provided with an agitator device, steamer and cutter, and it must be linked with water pipe system.

#### PRODUCTION METHOD & USE OF MACHINE

- Water is adequately added to rice in the agitator device at is steamed by a steamer, thus producing raw rice paste.
- Steamed rice paste is put in the hopper of rice paste banding machine.
- 3. Raw rice paste contained in the hopper is then pushed in the continuous conveyor screw as being sufficiently mixed by feed-in rolls. Special mechanism adopted in this machine ensures that pushing and thrusting actions are repeatedly given to the rice paste in order to obtain peculiar characteristics of rice in the producing noodles. And belt-like raw rice paste comes out of the nozzle which determines the weight, thickness and width of rice paste.
- 4. One pair of special rolls whose surface is teflon-treated (, in which cooling water circulating device is furnished), forms the rice paste to have a fixed thickness. And the formed rice paste is then automatically seasoned and is led into a cooling process.
- 5. Starch is sprayed onto sufficiently-seasoned rice paste band. After that, the rice paste band is wound up.
- It is ideal that such wound-up rice paste band is cut to fixed dimensions after it is left as it is for about 12 hours (one night).

麺と麺機の未来を開く 株式会社スズキ麺工

718-0282岡山県浅口市鴨方町本庄509-1 TEL:0865-44-2125 FAX:0865-44-6848 http://www.turnuco.in (5)スズキ麺機

SUZUKI



# 特許/実用新案出願中

PATENT/ UTILITY MODEL PENDING

# ライス麺機

RICE NOODLE MFG. MACHINE

水冷・冷却・送風・排風装備付の完成機 Complete Line Containing Water Cooling, Blowing & Exhausting Units



- ・女子一人で作業できる軽便さ
- ●低馬力で連続運転が可能
- ●腰の強い、なめらかな新しい米麵
- It is very easy to operate this machine. So, even a woman can operate it.
- It is possible to continuously run this machine under low horsepower.
- Enjoy new, smooth and good-kneed rice noodles.

製造特許

和風・中華風・洋風各種の製造可能

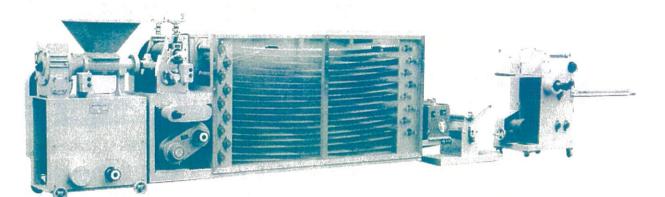
(日)株式会社スズキ麺工

SUZUKI MENKO CO., LTD.

RICE NOODLE MFG. MACHINE (MODEL B)

# ■次の関連機器を設置するだけで、立派なライス麵製造工場になります。

■ YOU MAY HAVE EXCELLENT RICE NOODLE PRODUCTION FACTORY ONLY BY INSTALLING THE FOLLOWING EQUIPMENTS.



**世**仕様

(Bタイプ)

機械構成 麵帯機/成型機/乾燥装置の連絡システム

処面馬力 総計3.8KW

能 カ | 分間 20~30食 | 時

|時間 |,200食(1,200~1,800食)

ロール巾 220‰巾

設置寸法 長/4500 巾/900 高/1200

●尚ライス麵製造には本機、 抱機、 蒸し機、 切出機の他、水道連結が必要です。

# ■製法及び使用の概要

- ①ミキサーにて原料に適量加水したものを、蒸し器で蒸し上げ生地をつくる。
- ②蒸し上げた生地を麵帯機ホッパーに投入する。
- ③ホッパー内の生地は、送り込みロールにより充分練りあわされながら連続スクリューに押しこまれ、独特の構造により、押し、突きの作用をくり返して、ライス麺特有の味を生かす様に設計されたノズルから定圧にて、定量・定厚・定巾の麺帯となって送り出される。
- ④1組の特殊ロール(表面テフロン加工、内部に冷水循環装置付)により 一定の厚さに整形され、自動的に熟成、冷却機構に導入される。
- ⑤充分熟成された麺帯に散粉機にて澱粉を散布し捲取りをする。
- ⑥捲取りした製品(麺帯)は約12時間後(1 夜おく)に切刃、定寸カットの作業に移るのが理想的である。

# SPECIFICATIONS

MODEL B

Floor area occupied by machine: 4,500mm long x 900mm wide x 1,200mm high

\* Rice Noodle Mfg.Machine must be further provided with an agitator device, steamer and cutter, and it must be linked with water pipe system.

#### PRODUCTION METHOD & USE OF MACHINE

- 1. Water is adequately added to rice in the agitator device and is steamed by a steamer, thus producing raw rice paste.
- 2. Steamed rice paste is put in the hopper of rice paste banding machine.
- 3. Raw rice paste contained in the hopper is then pushed in the continuous conveyor screw as being sufficiently mixed by feed-in rolls. Special mechanism adopted in this machine ensures that pushing and thrusting actions are repeatedly-given to the rice paste in order to obtain peculiar characteristics of rice in the producing noodles. And belt-like raw rice paste comes out of the nozzle which determines the weight, thickness

Composition: Linkage system of Rice Paste Banding Machine, Forming Machine and Drying machine.

Required horsepower: ----- Total 3.8Kw Capacity: 20 to 30 meals (packs of rice noodle) per minute

1,200 meals per hour (1,200 to 1,800 meals)

and width of the rice paste.

- 4. One pair of special rolls whose surface is teflon-treated (, in which cooling water circulating device is furnished), forms the rice paste to have a fixed thickness. And the formed rice paste is then automatically seasoned and is led into a cooling process.
- 5. Starch is sprayed onto sufficiently-seasoned rice paste band. After that, the rice paste band is wound up.
- 6. It is ideal that such wound-up rice paste band is cut to fixed dimensions after it is left as it is for about 12 hours (one night).

# 連続トンネル蒸し機

また、量産化・自動化するために、 ムラなくスムーズに蒸し上げるコ ンベアー式の蒸し機もあります。

#### CONVEYOR TYPE STEAMER

Besides, a conveyor type steamer is also available to ensure mass production and automation, which can assure you even and smooth steaming.

## 蒸し機

セロベーターにてセイローを上げると自動的に蒸気が止るので危険性がありません。むし台はオールステンレス製ですので、半永久的に使用できます。設置は簡単で、蒸気配管をして頂けばOK.です。

#### STEAMER

As steam automatically stops only by raising the steaming basket by the basket elevator, you are free from any danger. The steaming table is made of stainless steel. So, semi-permanent service life is secured. It is very easy to install this steamer. All you have to do is to connect this with the steam source.



# 1 芯 担機(1袋用)

原料の米粉、及び馬鈴薯澱粉、その他副資材をむらなく攪拌し、ミキシングしながら蒸し工程に理想的な生地を作り上げます。

#### 1-AXIS AGITATOR DEVICE (For one pack)

The materials such as rice and photo starch and other submaterials are evenly mixed and agitated, thus making ideal raw rice paste for subsequent steaming process.

# 切出機

麺棒に巻き取り熟成させた麺帯を 光沢のある麺線にし、量目・寸法 とも自由に設定できます。もちろ ん、ライス麺以外の麺の切り出し ・調量機としても使用できます。

#### CUTTER

This cutter is used to cut off the seasoned rice paste band for making rice noodles. You may set the weight and dimensions at will. Of course, this cutter may be used for other noodles and spagetti than rice.





# ライス麵製造工程と説明

### FLOW CHART OF RICE NOODLE PRODUCTION PROCESSES

1 ミキサー Mixer 米粉・食塩・添加物

> ・こね水 Powered rice, Salt, Additives, and mixing water

**2** 蒸 し Steamer

> セイロー方式 連続トンネル方式 Steaming basket system Continuous tunnel system

> > 押出

ホッパー投入・生地送り 込み・スクリュー押出し Supply into hopper, Raw rice paste feeding, Extruding by screw



圧遍ロール・厚み調整

散粉・冷蔵庫保管

Storing in refrigerator

Starch spraying

Forming machine

Biased pressure rolls, Thickness adjustment



• 送風 Stainless steel net conveyor of multistage type, Blowing by fan

捲取り

9

# 類線カット Noodle-like cutting

各種の切刃セット

Setting of many blades

計量・袋詰 Weighing & Sealing

包装・殺菌 Sterilization and

Sealing 箱詰・出荷

Packaging & shipmer