

SINCE 1985

TOILET SOAP FINISHING PLANT



Toilet Soap Finishing

This is soap-producing facility plant and shall be divided into refinement of material, extracting of oil, deodorization, decomposition, Glycerin facility, saponification facility, forming facility and packing facility.

KRP - 200 / 250 / 300 DUPLEX REFINING PLODDER

- For mixing refining.
Homogenizing the toilet soap within the cylinder to be extruded in a pellet form.
- Silumin is used for every worm screw. Other soap-contact parts are made of stainless steel.
- Cooling water: 2m³/hr at 10-15°C

MODELS	WORMDIA (mm)	CAPACITY (kg/h)	DRIVE MOTER (kW)
KRP-200	200	400-500	EACH-11
KRP-250	250	700-800	EACH-22
KRP-300	300	1000-1200	EACH-30



KVP - 200 / 250 / 300 DUPLEX VACUUM PLODDER

- For mixing refining.
Homogenizing the toilet soap within the cylinder to be extruded in a pellet form.
- Silumin is used for every worm screw. Other soap-contact parts are made of stainless steel.
- Cooling water: 2m³/hr at 10-15°C
- Final motor with the speed controller.

MODELS	WORMDIA (mm)	CAPACITY (kg/h)	DRIVE MOTER (kW)
KVP-200	200	400	EACH-11
KVP-250	250	700	EACH-22
KVP-300	300	1000	EACH-30

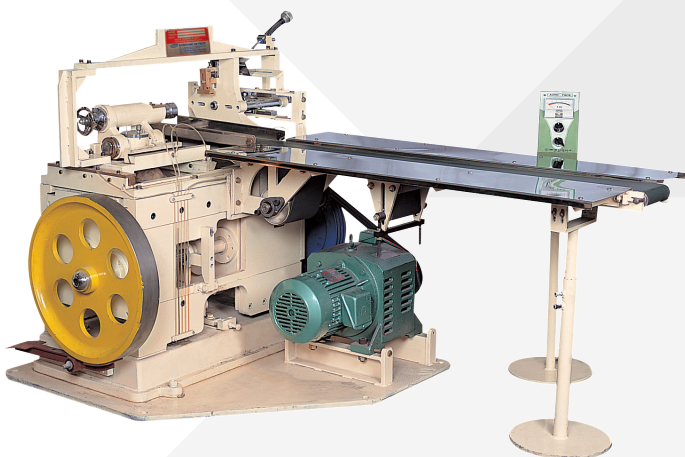




KQSM - 1000 QUADRUPLEX STAMPING MACHINE



- Horizontal stamping type.
Cut and stamps at the same time soap bar continuously extruded from the plodder.
- Capacity: Triplex stamping - 250pcs/minute
Quadruplex stamping - 300pcs/minute
- Main motorization: 5.5kW with the speed controller
- Vacuum pump motor: 1.5kW at supply water 0.3m³/hr
- Die coolant capacity: 2,500kcal/h at -30°C
- Air consumption: 250l/min at -5.5bar



KHSM - 400 HORIZONTAL STAMPING MACHINE

- Horizontal stamping type.
Stamps at the same time soap bar continuously extruded from the plodder.
- Capacity: 80-100pcs/minute (80-120g)
- Drive motor: 3.7kW with the speed controller
- Die coolant capacity: 1800kcal/h at -20°C

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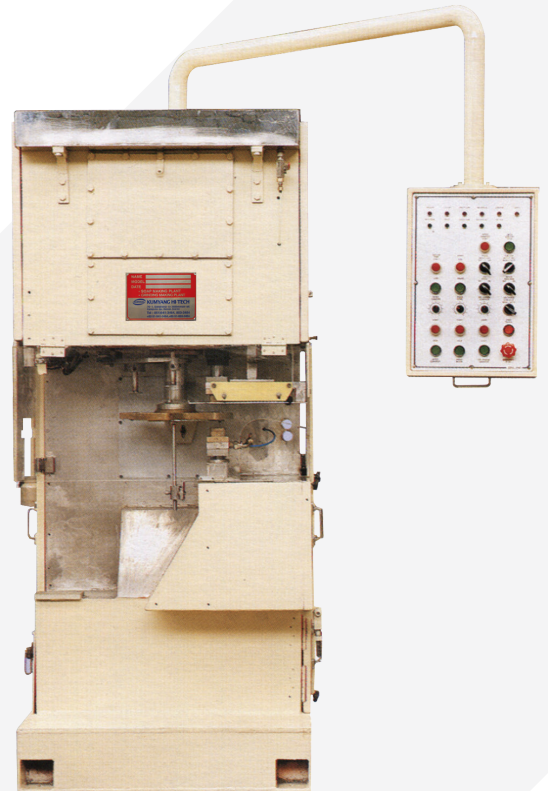


KSMA - 150/200 SINGLE MIXING AMALGAMATOR

- For mixing one batch amount of soap and additives. Either propeller or ribbon blender type mixing blades
- Soap contact parts made of stainless steel
- Bottom open discharge via air cylinder is employed as standard
- Drive motors : 15/19kW -with the inversion
- Capacity : 150/200kg/batch
(Automatic feed 1000kg/h)

KVSM - 300 VERTICAL STAMPING MACHINE

- For hotel soap production. Vertical stamping type.
Cut and stamps at the same time the soap bar continuously extruded from the plodder
- Capacity : 180 - 230pcs/minute (20-30g)
- Drive motor : 2.2kW -with the speed controller
- Vacuum pump motor : 0.75kW at supply water 0.1m³/h
- Die coolant capacity : 1,500kcal/h at - 20°C
- Air consumption : 150l/min 5.5bar



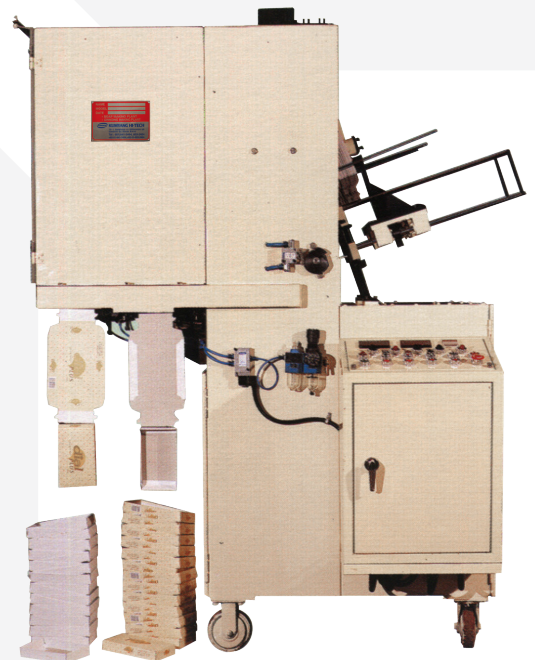


KHWF - 200 SOAP CHIP AUTO WEIGHING AND FEEDING MACHINE

- The apparatus which allows soap chips to be provided in the amalgamator after fixed quantity weighing from loadcell-using weighing apparatus
- By way of fixed quantity weighing of the material, it makes spices and other additives to be mixed with correct ratio
- Capacity: 100 - 200kg/batch

KCFM - 1000/2000 CARTON FORMING MACHINE

- The machine can form top opening cartons from various carton blanks with hot-melt glue or tuck-in operations.
- Capacity: 35 - 20 pcs/minute
- Size: Double mold: Max. 338l X 263w X 49h (DCFM-1000)
Single mold: Max. 565l X 380w X 62h (DCFM-2000)
- Drive motor: 1.8/2.2kW - with the speed controller
- Vacuum pump motor: 0.7kW

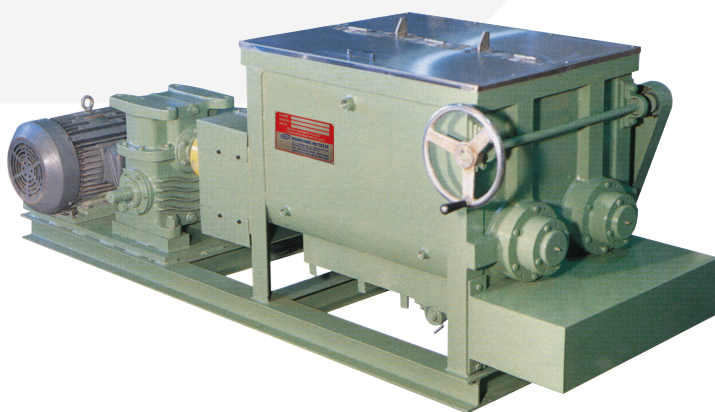
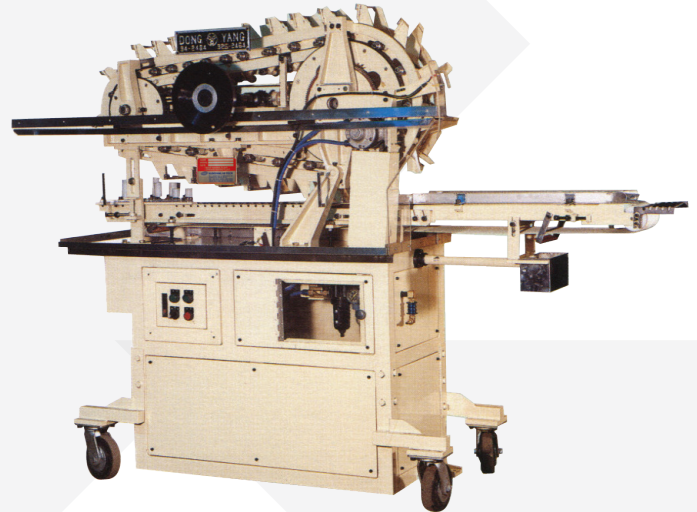


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KTVC - 1000 AUTOMATIC CUTTER

- For cutting the extruded soap into a predetermined length via endless cutting chain with blades.
- Capacity: 40pcs/minute
(Length 250 - 300mm)
- Employ an air motor for the drive
- Either constant or variable pitch type available



KTMA - 200 TWIN MIXING AMALGAMATER

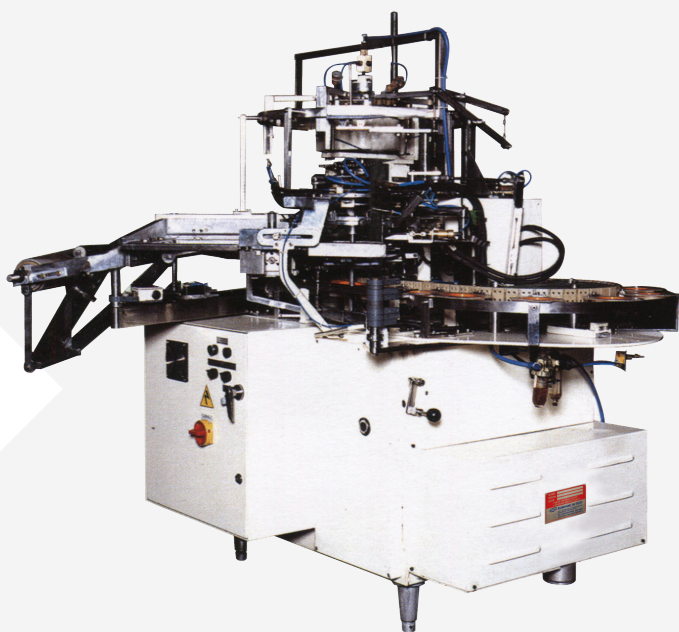
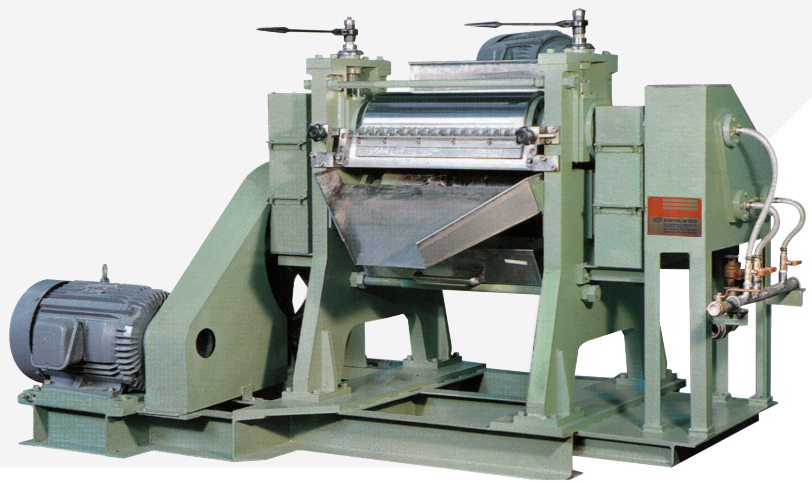
BE SPECIAL

- In recent toilet soap production. Diversified ingredients will be mixed with base soap. This machine has good kneading effects.
- Capacity: 200kg/batch
(Automatic feed 1000kg/h)
- Drive motor: 22kW - with the inversion
- Blade type: Twin-Sigma
- Soap contact parts are made of stainless steel.
- Bottom open discharge via air cylinder is employed as standard.



KTRM-400/1000 **TRIPLEX ROLL MILL**

- For some superfatted soaps.
Highly colored soap - synthetic and fully synthetic products a simplex refiner in combination with a roll mill is indicated.
- Capacity: 400/1000kg/h
- Automatic control of the chilled water discharge temperature
- Drive motor: 15/20kW
- with the speed controller

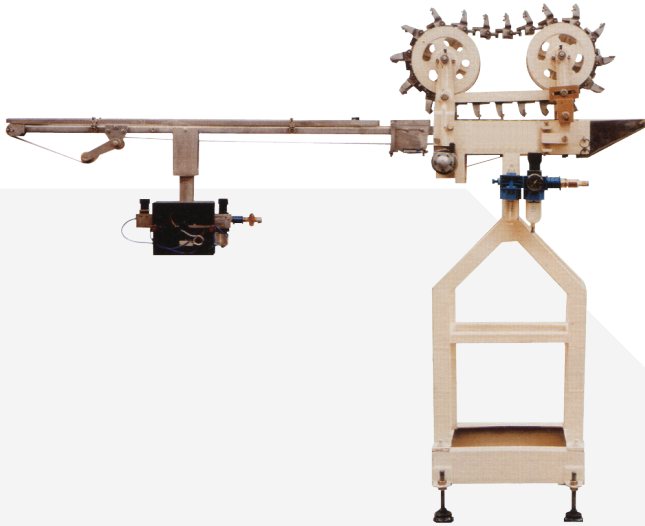


KSW-1000 **STRETCH WRAPPER**

- The dsw-1000 stretch wrapper is designed to wrap and mass market soap of all shapes and also other type of products.
- Capacity: up to 15 wraps/minute
- Drive motor: 2kW - with the speed controller
- Air consumption: 100L/min at 6-bar pressure

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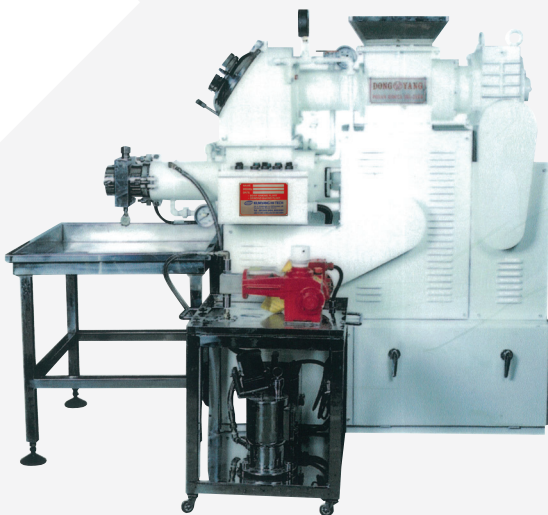


KTCC - 400 AUTOMATIC CUTTER

- The more economical this model chain is not air driven and only the belt is motorized.
- Capacity: 180pcs/minute (Length 50-75mm)
- Drive motor: 1.1kW - with the speed controller
- The chain is manually adjustable within the selected range.

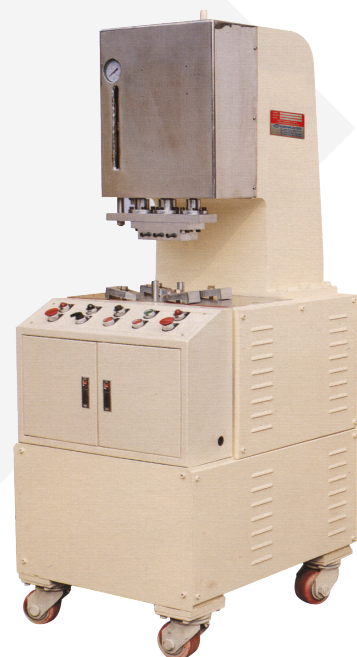
KPP - 100 - 2 PILOT PLODDER

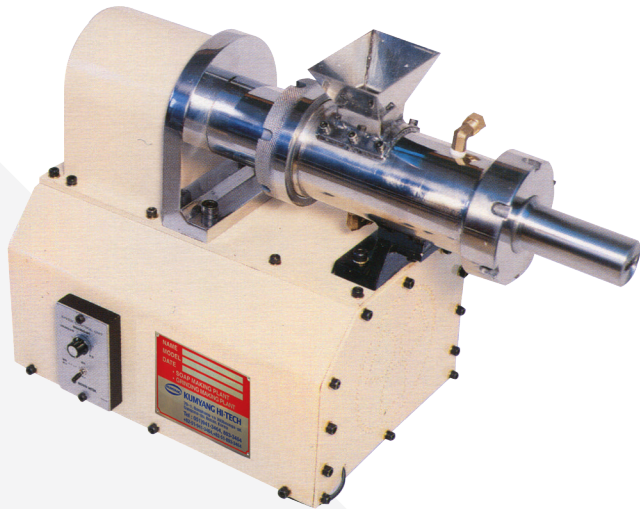
- Drive motor: 5.5kW - with the speed controller
- For pilot production
- Capacity: 120kg/h



KP - HSM - 100 PILOT HYD STAMPING MACHINE

- Hydraulic pump motor: 2.5kW X 20l/min
- Max pressure: 90kgf/cm²
- Capacity: 10pcs/minute
- For pilot production





KP-SP-40 PILOT SIMPLEX PLODDER

- For perfume test
- Capacity: 3kg/batch
- Drive motor: 0.1kW -with the speed controller

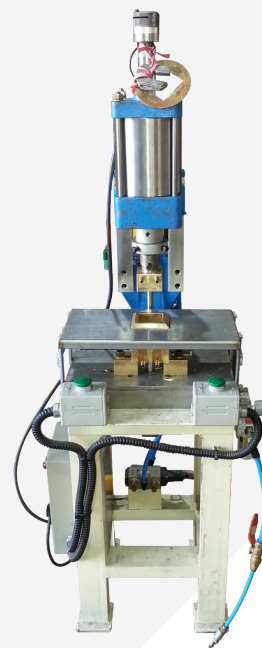
KP-TSP-100 PILOT TWIN SIMPLEX PLODDER

- Drive motor: 2.2kW -with the speed controller
- Bronze is used for twin worm screw.
Other soap-contact parts are made of stainless steel.
- For pilot production
- Capacity: 20kg/batch



KP-ASM-100 PILOT AIR STAMPING MACHINE

- For pilot production
- By using air cylinder, the usage and maintenance is very convenient.
- Max pressure : 9.9kgf/cm²



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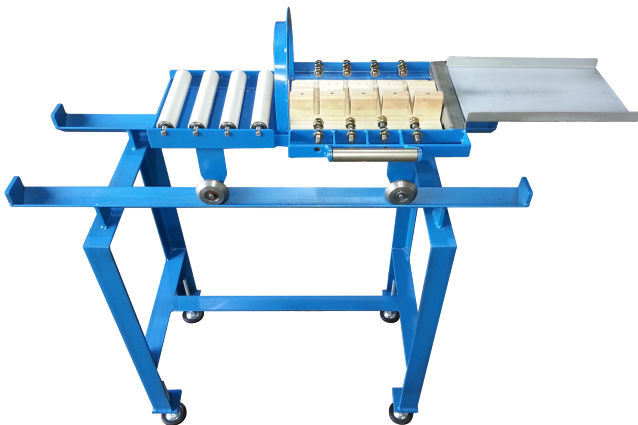
KP-RM-40 PILOT ROLL MILL / PILOT MIXING AMALGAMATOR

- For pilot production
- Capacity : 5kg/batch
- Drive motor : 3.7kW -with the speed controller



KMC-300 MANUAL CUTTER

- The machine which enables manual cutting to make stamping possible in the Pilot stamping machine for pressed-out soap bars.
- Adjusting cutting length is possible
- Via using roller in the cutting section, it makes easy for moving around and it's convenient for cutting work.



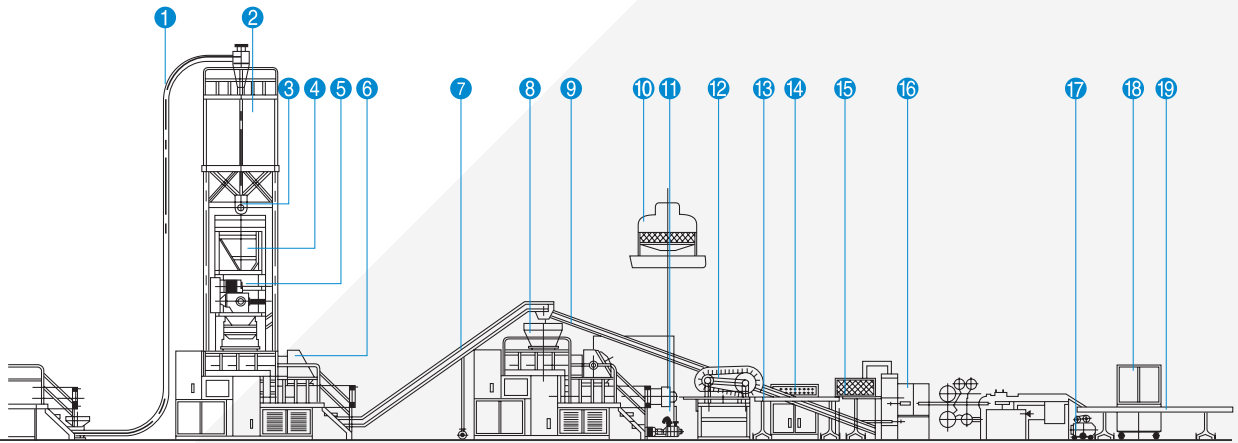
KHSM MANUAL STAMPING MACHINE

- Stamping small size soap and samples
- Top and bottom mold attached
- Extruded soap pellet are available to make samples and finished soaps.





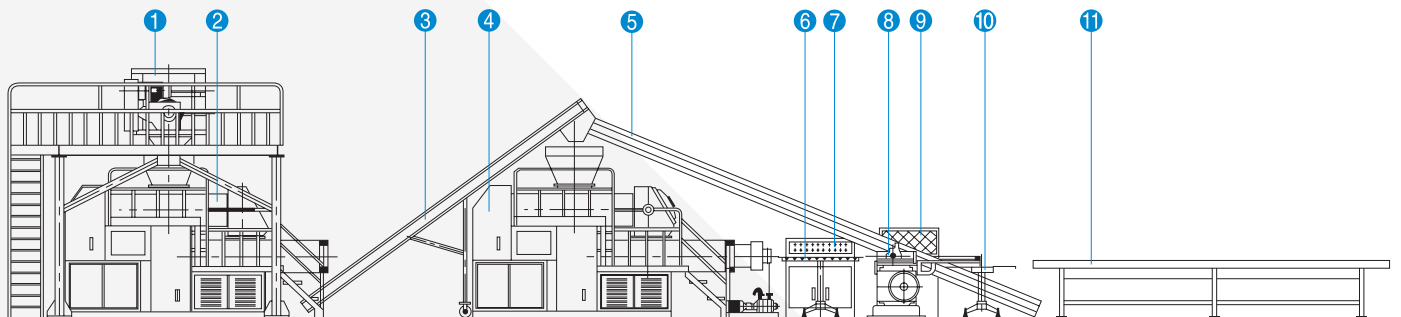
A-TYPE



**OUTPUT
CAPACITY
(800-1000kg/hr)**

- | | | |
|-----------------------|---------------------|-----------------------|
| 1. PNEUMATIC CONVEYOR | 7. FEED CONVEYOR | 13. BAR FEED CONVEYOR |
| 2. STORAGE BIN | 8. VACUUM PLODDER | 14. CONTROL PANEL |
| 3. ROTARY FEEDER | 9. RECYCLE CONVEYOR | 15. CHILLER |
| 4. WEIGHING SCALE | 10. COOLING TOWER | 16. STAMPING M/C |
| 5. AMALGAMATOR | 11. VACUUM PUMP | 17. COMPRESSOR |
| 6. REFINING PLODDER | 12. AUTO CUTTER | 18. CASE FORMER |
| | | 19. PACKAGE CONVEYOR |

B-TYPE



**OUTPUT
CAPACITY
(400-500kg/hr)**

- | | | |
|---------------------|---------------------|----------------------|
| 1. AMALGAMATOR | 5. RECYCLE CONVEYOR | 9. CHILLER |
| 2. REFINING PLODDER | 6. ROLL CONVEYOR | 10. MINI CONVEYOR |
| 3. FEED CONVEYOR | 7. CONTROL PANEL | 11. PACKAGE CONVEYOR |
| 4. VACUUM PLODDER | 8. STAMPING M/C | |



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