

MAHAVEER GROUP

Since 1975

High Speed Paper Cutlery Making Machine

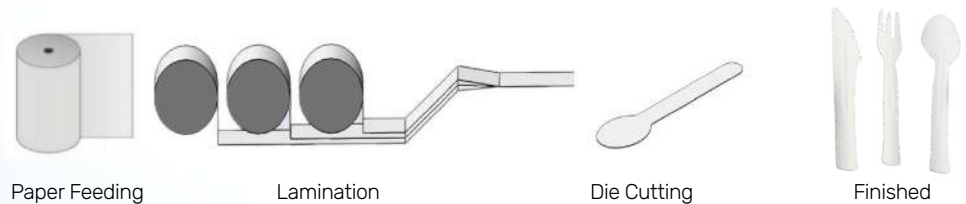


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High Speed Paper Cutlery Making Machine

Mahaveer group presents bio-degradable paper cutlery making machine. Bio-degradable spoons, knives, forks, stirrer & soup spoons are Water proof, Heat proof & Oil proof.

Machine runs a whole procedure of raw paper feeding (upto 9 layers), lamination using environment friendly glue, heat pressing then die-cutting. Followed by forming and at last water proof coating.



Machine consists of 3 parts:

1) Lamination & Die Cutting machine: In this, uncoated raw paper is laminated with environmental friendly glue & pressure heating then die cutting. Dies of spoons, knife or other cutleries are changed as per requirement. Maximum 300 pcs/min can be produced.

2) Forming machine: Cutlery blanks produced in die cutting are fed here to give cutleries their shape using pressurized heating. Molds of required produced can be placed. Blanks are placed in stands manually from two side and are fed into mold by robot stations. Total 36 products are produced in 15 seconds. After forming products are placed on conveyor by robot and are collected manually.

3) Coating machine: In this, cutleries are placed manually in to fixtures after which coating is applied automatically. Coated cutleries are then transported to over for drying and are collected manually. One cycle is completed in 5 seconds producing 10 cutleries.



Features

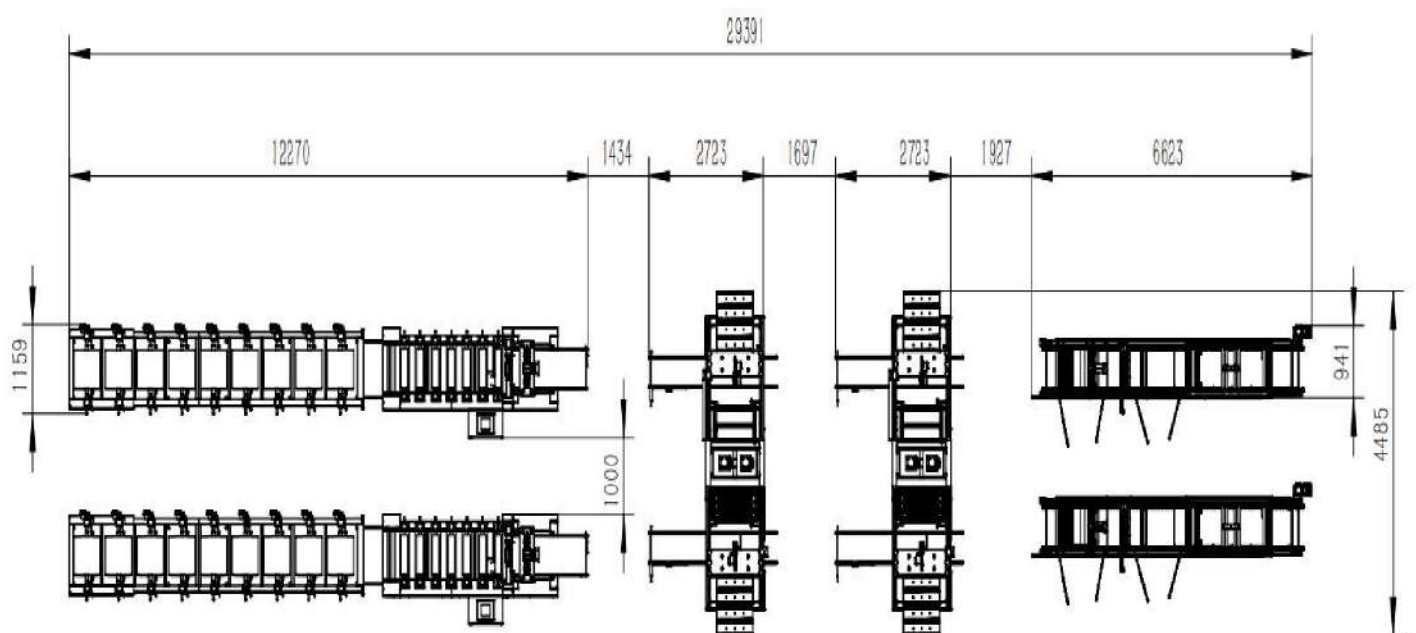
- ⊙ Spoons, Knives, Forks, Stirrer & Soup Spoons of variable sizes and shapes can be made.
- ⊙ Use uncoated Paper as raw Material, bio-degradable, recyclable, healthy and clean.
- ⊙ Good choice for globe eco-friendly purpose.
- ⊙ Big potential and demand in daily life use.
- ⊙ Product feature: water proof, heat proof and oil proof.

Technical Specifications

Item	Specification
Output	150 Pcs/Min
Raw Material	Environment Friendly Paper rolls
Max Paper Layers	6-9 Layers
Material Thickness	600 - 1000gsm
Total Power	80KW
Power Supply	3 phase, 415V, 50Hz
Air Supply	>2m ³ /min @7kg/cm ² (70cfm)
Operator Required	8-10 Persons
Installation Area	100m ²
Weight	6000Kg

Note: The above mentioned specifications are subject to change without any prior notice.

Equipement layout drawing (2 Sets of Production line reference drawing)



Our Technology Partners



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