

WOMAN STOCKINGS BOARDING

STOCKINGS STEAM BOARDING MACHINE

SD15



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Automatic steam boarding machine for stockings and pantyhose with solid straight forms. The loading of products takes place on a transparent inspection form, then pantyhose are transferred onto the ironing forms, by means of an automatic system.

The 15 pairs of forms operate in an open position during all processing phases, allowing the fabric to absorb the maximum steam and heat with the minimum expenditure of energy. Forms close "book like" after the drying process, then the products are automatically unloaded by means of a belt extractor, thus presenting themselves with the legs perfectly superimposed, so that they can be stacked on a carousel or proceed towards automatic packaging modules. The drying tunnel perfectly insulated and containing 6 pairs of forms, it is heated by means of a steam heat exchanger with very reduced consumption. The long drying time ensures the removal of residual moisture and an excellent quality of boarding.

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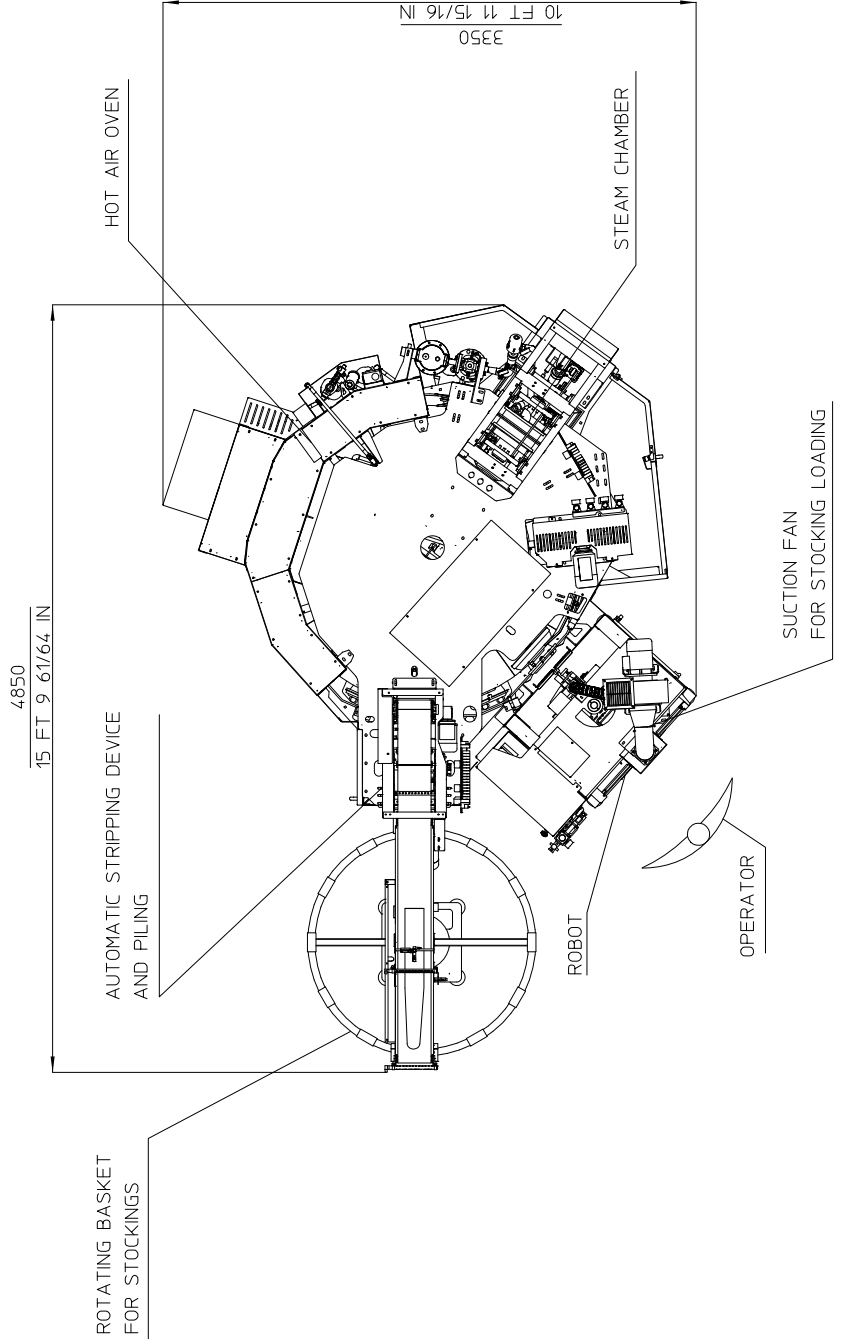
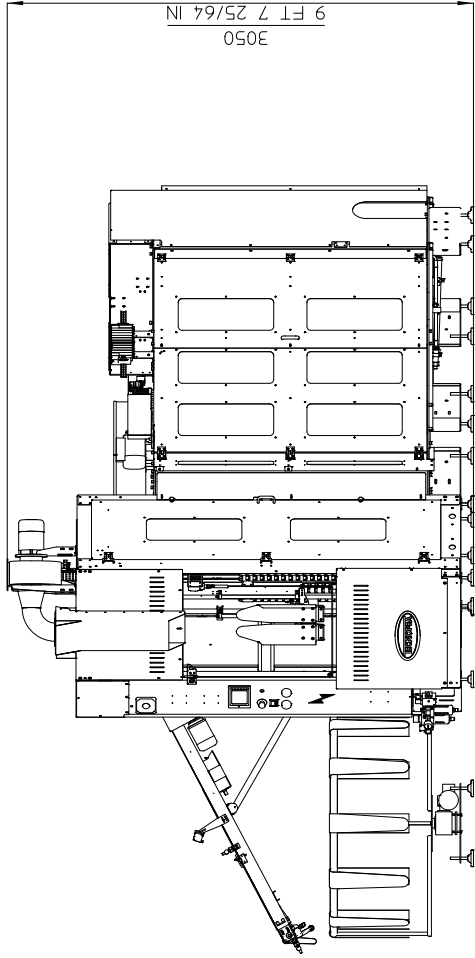
| Specifications | Values |
|----------------------------|------------------------------|
| Dimensions | 4.850 x 3.350 x 3.050 (h) mm |
| Air pressure | 6 bar |
| Air consumption | 22 m ³ |
| Installed power | 7 kW |
| Absorbed power | 4 kW |
| Min steam line pressure | 6 bar |
| Max chamber steam pressure | 3 bar |
| Steam cons. Range* | 65 - 95 kg/hr |
| Minimum cycle time | 6,5 Sec./1 pair |
| Max. Production | 550 pair/hr - 45 Dz/hr |

* Steam consumption is measured over a period of time and its absolute values are subject to significant variations; We therefore recommend using a generator with a capacity of about 150 Kg/hr. The steam supply pipeline must be equipped with water traps and an adjustable pressure reducing valve to be fitted upstream of the machine.

| Versions |
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| Direct loading of pantyhose onto the forms |
| Loading robot with inspection form |

| Features |
|---|
| Frame made of zinc-plated steel |
| PLC for the electronic control of all main functions of the boarding cycle |
| Electronic self-diagnosis with visualized errors or malfunctions |
| Touch screen display for the machine setting with the possibility to store in memory every single style |
| Robot for stockings transfer from transparent plastic forms to boarding forms |
| Positioning device to correctly align the waistband or welts to the proper size |
| Steam chamber with electronic pressure control up to 3 bar |
| Steam drying tunnel containing 6 pairs of boarding forms |
| Automatic stripping device with programmable stacking system on carousel and switch for faulty garments |

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