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S U R F A C E T R E A T M E N T T E C H N O L O G Y

AUTOMATIC PAINTING BOOTH MOD. PAINTBOX 40



BOOTH: Entirely made of stainless steel AISI 304, it is equipped with double water veil, collecting tank, drops separator and air filter.

AUTOMATIC VARNISHING DEVICE: Fitted with a horizontal movement unit with spray-gun holder connections adjustable on all axes, two automatic spray-guns, PLC for cycle control, adjustable advancing speed through a potentiometer.

FRAME ROTATION DEVICE: Disposing of automatic rotation sense inversion and independent speed adjustment through a potentiometer.

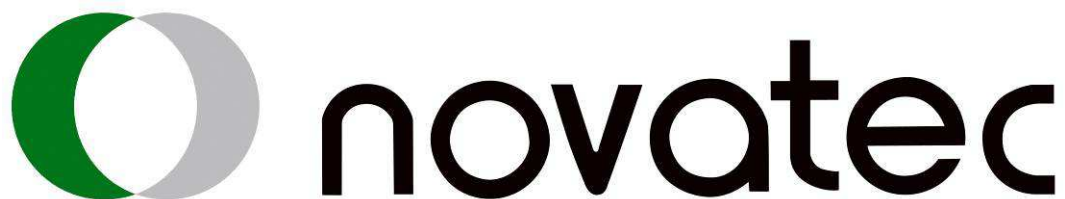
VARNISH DUST LAYING: sucked air is purification-treated in three steps: nuked water cleaning, dehumidification, solid particles filtering.

VARNISHING SPRAY GUNS: the machine can be fitted with two automatic spray-guns.



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S U R F A C E T R E A T M E N T T E C H N O L O G Y

CABINA DI VERNICIATURA AUTOMATICA MOD. PAINTBOX 40



CABINA: Interamente realizzata in acciaio inossidabile AISI 304m, è provvista di doppio velo d'acqua, vasca di raccolta, separatore a setacci multipli e filtro d'aria.

UNITA' AUTOMATICA DI VERNICIATURA: Costituita da gruppo traslazione orizzontale dotato di attacchi porta pistole regolabili su tutti gli assi, due pistole polverizzatrici adatte sia per la vernice coprente che per la vernice di finitura e PLC per il controllo dei cicli. La velocità di avanzamento è regolabile in continuo a mezzo potenziometro.

DISPOSITIVO DI ROTAZIONE TELAI: Dispone di un sistema per l'inversione automatica del senso di rotazione. Velocità di rotazione regolabile in continuo tramite potenziometro.

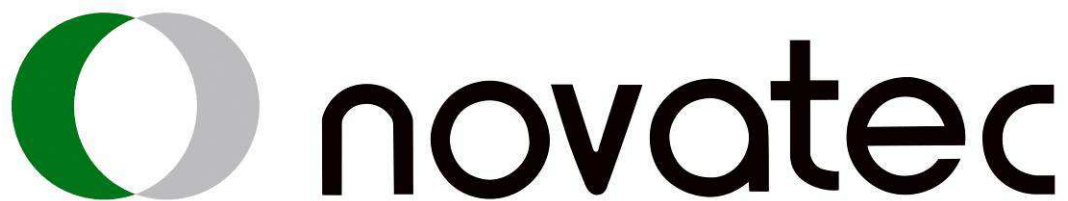
ABBATTIMENTO POLVERE E VERNICI: L'aria aspirata viene sottoposta a tre fasi di depurazione: lavaggio con acqua nebulizzata; deumidificazione e cattura parti solide tramite filtro apposito.

PISTOLE PER VERNICI: La macchina è disponibile con pistole polverizzatrici pneumatiche oppure pistola elettrostatica.



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S U R F A C E T R E A T M E N T T E C H N O L O G Y

CABINA DI VERNICIATURA MANUALE – MANUAL PAINTING BOOTH



MODULI DI APPASSIMENTO VERNICI – VARNISH PRE-DRYING MODULES

VARNISH PRE-DRYING MODULE MOD. GTR 12



Varnish drying modules type GTR are used to keep just varnished frames in continuous rotation. This movement favours the homogeneous varnish laying before drying phase.

They're composed of:

ENCLOSURE: fabricated entirely of stainless steel AISI 304 sheets installed on the bearing frame. The frame is provided with 4 wheels that facilitate the movement of the machine.

AIR EXTRACTION: the varnish laying module will be provided with a pipe in the upper part of it for the connection to a central extraction system. Air will pass through a resin filter placed in the lower part of the module and then it will be conveyed to the side edge having a pierced plate and being connected to the extraction pipe.

FRAME-HOLDER CHASSIS ROTATION: composed of 12 rotating supports with friction, controlled by a drive group with gear motor, pinion and chain.

AUTOMATIC VARNISH PRE-DRYING MODULE MOD. GRT 30/40



Automatic varnish laying modules type GRT 30/40 allow the laying of the pieces in a continuous operating cycle.

VARNISH LAYING MODULE: the bearing frame is composed of assembled tubular sections and it supports the external enclosure as well as the internal automatic carrier of module.

ENCLOSURE: the perimeter enclosure and the top are composed of panels fabricated in stiff expanded polyurethane having high insulating property. The external frame is in varnished steel sheets.

AUTOMATIC DOOR: This door will let the operator load and unload piece-holder bars. A pneumatic cylinder controlled by an external pedal will open automatically the door.

INTERNAL CARRIER: it is composed of two parallel chains controlled by a gear motor and its transmissions, with built-in torque limiter.

HEATING: an electric exchanger with battery of fin resistances is placed on the side wall of the dryer.

FORNO STATICO DI ASCIUGATURA – STATIC OVEN FOR DRYING



This oven has been specifically designed for the drying of varnish; it is provided with a heat exchanger, installed next to the drying room, which provides for the thermo exchange by means of an electro-ventilator.

The electro-ventilator has the function of recycling the oven's internal air as well as renewing the air by forcing it into the drying room from outside through a filter.

The oven consists of:

THERMO VENTILATION GROUP with heat exchanger composed of:

- Electric heating resistances;
- Electronic thermo regulator for the control and adjustment of the temperature;
- Safety thermostat;
- Hot air recycling system composed of one centrifugal electro-ventilator.

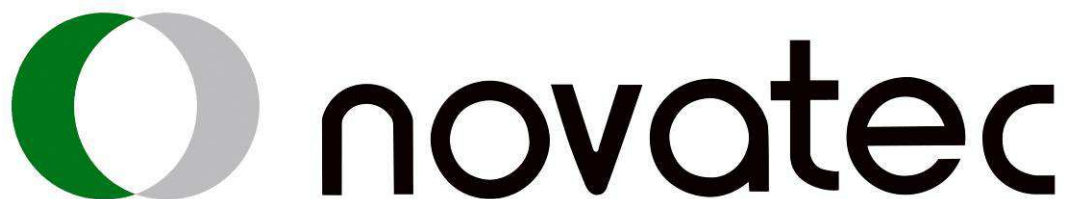
CONTROL CONSOLE composed of:

- Containing box made of varnished steel;
- Master switch;
- Start and Stop switches;
- Switch for the control of the heating resistances;
- Electronic thermo regulator +/- 2°C;
- Timer with acoustic transponder for drying cycle end.
- Optical indicators and warning lights.

OVEN STRUCTURE composed of:

- Zinc-coated steel panels with thermal insulation (glass wool - thickness: 80 mm);
- Thermal insulated front door with two wings;
- The bottom of the oven is fitted with guides for the trolleys.

Internal dimensions:	upon request
Working temperature:	max. 220°C
Heating power:	8 - 16 Kw
Capacity:	1 or 2 trolleys per drying cycle



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CABINE DE VERNISSAGE AUTOMATIQUE MOD. PAINTBOX 40



CABINE: Entièrement réalisé en acier inoxydable AISI 304, équipée de voile d'eau, bac de rétention et filtre pour l'air.

DISPOSITIF DE VERNISSAGE AUTOMATIQUE: Doté de connexions réglables sur tous les axes pour les pistolets-pulvérisateurs. Vernissage en continu avec du vernis filtré et pistolets-pulvérisateurs appropriés soit pour le vernis de fond que pour le vernis de finition. La vitesse d'avancement et de rotation sont réglables.

DISPOSITIF POUR LA ROTATION DES BRANCHES: Muni d'un système pour l'inversion automatique du sens de rotation et régulateur de vitesse indépendant.

DEPURATION DE L'AIR: Au moyen d'un voile d'eau, de la zone d'abattage pourvue de tuyères de vaporisation et d'un filtre d'air.

PISTOLETS-PULVERISATEURS: Sur demande la cabine peut être équipée d'un pistolet électrostatique au lieu des pistolets traditionnels.



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NOVATEC COMPLETE AUTOMATIC PAINTING SYSTEMS



S U R F A C E T R E A T M E N T T E C H N O L O G Y



**AUTOMATIC PAINTING MACHINE
MODULE FOR THE PRE-DRYING
STATIC OVEN**



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