

## Vacuum Staining System

### Features:

- ▷ Sanding/denibbing with universally adjustable brush units
- ▷ Frequency controlled brush motors from 50 to 700 RPM
- ▷ Frequency controlled feed speed from 30 to 150 FPM
- ▷ One step guide adjustment
- ▷ All stainless steel vacuum unit
- ▷ 360° coating capability
- ▷ High intensity Halogen IR
- ▷ Integrated PLC line controls
- ▷ Small foot print
- ▷ 100% transfer efficiency means no waste and low coating cost
- ▷ Quick change-overs

### Advantages of Vacuum Applied Water-Based Stains:

- ▷ No VOC emissions
- ▷ No permits required
- ▷ Low flammability
- ▷ Consistent results
- ▷ No need for wiping
- ▷ Fast curing
- ▷ Low coating costs



### Water-Based Stain or Prime Application and Drying

The CVR staining system for mouldings integrates for the first time the sand-coat-dry process in one single and easy to use machine.

The vacuum unit applies water-based stains or primers uniformly on any moulding and shape producing a consistent and uniform coloring of the substrate. This vacuum process enhances grain definition without the need for brush or hand wiping.

#### 1. Pre-Sanding/Denibbing

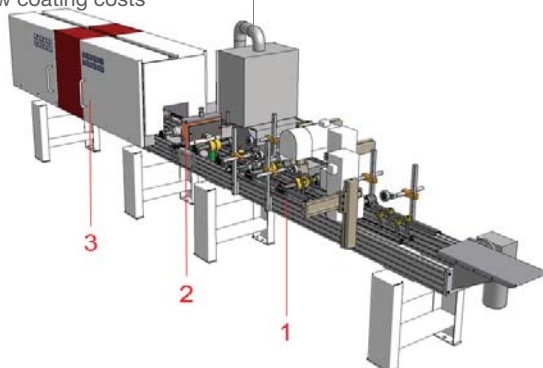
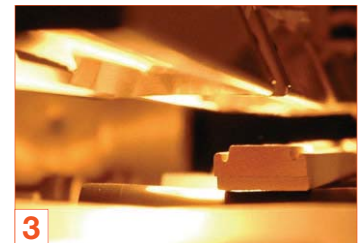
On request the in-feed conveyor can accommodate sanding heads with abrasive strip brushes for pre-sanding just prior to the application.

#### 2. Vacuum Application

The stain/primer is applied by a stainless steel vacuum coater system. It is possible to control the amount of applied product equally on all 3 or 4 sides by simply increasing or decreasing the vacuum level in the application head.

#### 3. Short Wave IR drying

After exiting the vacuum head the profile enters an IR curing tunnel and passes under multiple high intensity IR emitters. The emitters irradiate the moulding 360° for perfect curing in just seconds. The freshly coated mouldings can then be stacked or processed immediately thereafter.



#### Model:

Brush Motors:	(1-3) .55 kW
Vacuum:	10 Hp
IR Emitters:	(2+4)
Working width:	.5 to 8 in. (15 - 200 mm)
Min. working length:	18 in. (450 mm)
Dimensions:	17' L x 8' W x 5' H
Electrical:	60A @480V/3ph/60Hz

#### CVR 908

(1-3) .55 kW
10 Hp
(2+4)
.5 to 8 in. (15 - 200 mm)
18 in. (450 mm)
17' L x 8' W x 5' H
60A @480V/3ph/60Hz