

CVS

UV Finishing 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 70 FPM
- ▷ One step guide adjustment
- ▷ All stainless steel vacuum unit
- ▷ 360° coating capability
- ▷ High intensity UV with electronic output adjustment
- ▷ Integrated PLC line controls
- ▷ Small foot print (only 12 x 3')
- ▷ 100% transfer efficiency means no waste and low finishing cost
- ▷ Change over in just a few minutes



Finishing mouldings has never been easier

The CVS finishing system for mouldings integrates for the first time **all the finishing steps in one single and easy to use machine.**

The unit applies a high quality UV finish on any moulding in just two passes, once for a sealer and once for the final top coat.

Sanding/Denibbing

The in-feed conveyor supports sanding heads with abrasive strip brushes for raw wood and UV sealer sanding. a variable speed adjustment controls the desired buffing effect.

Application

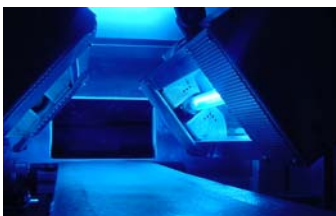
A stainless steel vacuum coater applies a clear or tinted UV on the mouldings. You will be able to control the film build on all 3 or 4 sides by simply increasing or decreasing the vacuum.

Curing (Polymerization)

After the coating process the moulding passes through the UV curing tunnel. Ultra violet lamps irradiate the moulding 360° for an instant and perfect curing every time.

Advantage of UV curable coatings:

- ▷ No VOC emissions
- ▷ No permits required
- ▷ Low flammability
- ▷ Durable and high quality finishes
- ▷ Instant curing
- ▷ Safest coating
- ▷ Low coating costs



Model:

Brush Motors:
Vacuum:
UV lamps:
Max. working width:
Dimensions:
Electrical:

CVS 8

(4) .55 kW
7.5 Hp
(3) 8"- 125 to 400 wpi
200 mm (8 in.)
12' L x 3' W x 5' H
220/480 3Ph 55A

CVS 12

(4) .75 kW
15 Hp
(3) 12"- 125 to 400 wpi
300 mm (12 in.)
12' L x 3' W x 5' H
220/480 3Ph 60A