# UV Curing Machine

## Standard Features

* Compact and designed machine fabrication.
* Heavy duty castor wheels for easy mobility with foundation bolts for leveling.
* Medium pressure mercury vapour UV lamps 400 watts/inch can also be run at 250 watts/inch for low production speed if required.
* Individual lamp control with separate heavy duty transformer and capacitor bank.
* Anti-Static PTFE Teflon coated fiber glass conveyor belt.
* Conveyor driven by pre lubricated AC geared motor(Imported)
* AC frequency inverter for infinite speed if control.
* Digital belt speed indicator in M/Min.
* Power switching through Siemens made capacitor banks
* Lamp Reflector hinged for safety and easy cleaning.
* Digital Hour Meter for Lamp life record
* Individual lamp ampere meter
* Safety switched for reflectors.
* Specially designed elliptical UV irradiators.
* Silver coated high grade reflectors
* Teflon coated wiring from control panel to lamp
* Heavy duty switch-gears designed using constant wattage technology.
* Lamps are protected with miniature circuit breakers for over load protection
* Ampere meter (for both the lamps)
* Special extended conveyors as per requirements and applications.
* Special conveyor heights as per requirements and applications.
* Higher intensity up to 600 Watts/Inch

### Optional Features

* Intensity of 300 Watts/Inch available
* Two Lamps System available

## Technical Data

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| **Model** | **US – UV 25400** | **US – UV 32400** | **US – UV 42400** | **US – UV 52400** |
| UV Curing Arc Length | 25” | 32” | 42” | 52” |
| Max. Conveyor Width | 27” | 34” | 44” | 54” |
| Lamp Intensity | 400 Watt/Inch (10.0 KW) | 400 Watt/Inch (12.8 KW) | 400 Watt/Inch (16.8 KW) | 400 Watt/Inch (20.8 KW) |
| Power Supply | 430 VAC, 3 Ph, 50 Hz | 430 VAC, 3 Ph, 50 Hz | 430 VAC, 3 Ph, 50 Hz | 430 VAC, 3 Ph, 50 Hz |
| Power Consumption | 12.5 Kw (16.5 HP) | 15.3 Kw (20.2 HP) | 19 Kw (25 HP) | 23 Kw (30 HP) |
| Overall Sizes (Std) | 102”L x 45”W x 48”H | 102”L x 55”W x 48”H | 140”L x 60”W x 48”H | 216”L x 70”W x 48”H |