

NextGen Finishing Unit

Operating & Maintaining Manual



1 Operation

1.1 Daily Checks

Before starting the OVU, check the tank to ensure there is enough Over Print Varnish (OPV) for your desired production run.

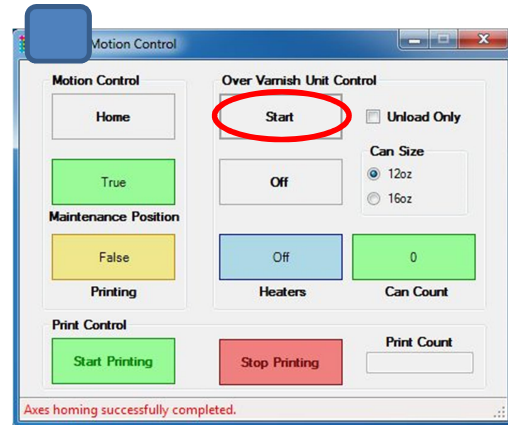
Perform any further daily checks as specified in the **Maintenance Schedule 5.1** of this manual.

1.2 Starting Up

The Over Varnishing Unit can be started up from the PC via the on screen menu. If there has been a full power shut down or emergency shutdown then a Power Up will be necessary.

1.2.1 Turning the Unit on

1. On the PC, open the '**NextGen Motion Control**' user interface
2. In the '**Over Varnish Unit Control**' section select '**Start**'



1.2.2 Powering Up

1. At the rear of the unit, locate the **OVU Electrical Control Box**

See **System Summary 1.4** for location

2. Turn the power switch to '**ON**'

Wait for approximately 20 seconds while the Programmable Logic Controller (PLC) and motor controllers initialize

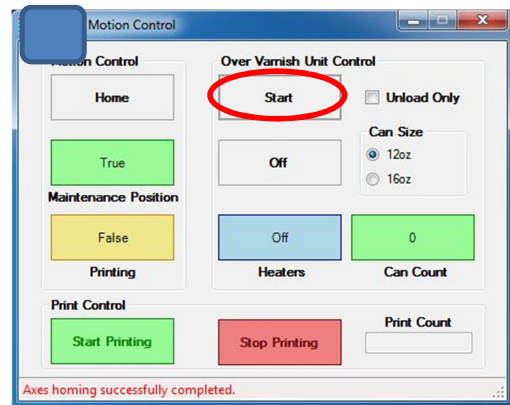


3. At the rear of the unit, locate the Air Isolation Valve
See **System Summary 1.4** for location
4. Rotate the valve to '**SUP**'



6. On the PC, open the '**NextGen Motion Control**' user interface
5. In the '**Over Varnish Unit Control**' section select '**Start**'

The OVU will now prepare itself for use
The heaters will display '**Warming**' and change to '**Ready**' when up to temperature



1.3 Shutting Down

The OVU can be turned off via the PC if it is not needed.



CAUTION:

IF ANY MAINTENANCE OR SERVICING IS TO BE PERFORMED, A POWER DOWN IS NECESSARY

1.3.1 Turning Unit off

1. From the PC, open the '**NextGen Motion Control**' user interface
2. In the '**Over Varnish Unit Control**' section, Select '**Off**'

The OVU will drop into standby mode leaving the compressed air and power live

