

# Chapter 1

## Installation

### 1.1 Prerequisites

To operate the device, you need to have available at your casting workshop:

1. 24V DC @ 2A power supply, central or individual
2. 1bar / 15psi air connection 6mm calibrated plastic tube (connected to the composition caster's air supply or a pressure regulator), air must be dry and clean
3. Ethernet connection to the local area network is recommended
4. optional peripherals like a USB wireless LAN interface, flash drive,
5. optionally, on select models: HDMI video out to external display and USB keyboard/mouse,
6. one or two paper gaskets - strips of MONOTYPE ribbon, 2" - 5cm long, with a row of holes in all 31 channels,
7. a bit of vaseline or MONOTYPE MOULD OIL.

### 1.2 Installing the attachment on the caster

To connect the device, you need to:

1. Slide the WINDING SPOOL into the clamp so that its flange has ca. 1/4" - 6mm clearance from the COMPUTER CONTROL ATTACHMENT'S enclosure, and fasten the screws.

2. Attach the assembly to the caster's PAPER TOWER the same way the original WINDING SPOOL is attached.
3. Put the air coupling block clamp on the outer edges of the PIN WHEELS on the caster's PAPER TOWER and lift it.
4. Spread some vaseline grease or MONOTYPE MOULD OIL on the paper gaskets in a thin uniform layer.
5. Put the gaskets on the CROSS GIRT so that the holes are aligned.
6. Slide the air coupling block under the clamp and position it so that the holes in the block and the PAPER TOWER CROSS GIRT are aligned. Disconnect the leftmost and rightmost air tubes and blow the compressed air into the connections to check if the air is directed into AIR PINS M and 14.
7. Fasten the screws in the clamp by hand so that the air coupling block is pressed firmly against the CROSS GIRT.
8. Connect the CONNECTING HOOK with the round stud on the machine cycle sensor activation lever.
9. Connect the air and power supplies, and preferably the local area network connection, and power on the COMPUTER CONTROL ATTACHMENT.
10. Turn the machine by hand and adjust the rotating disc at the end of the machine cycle sensor activation lever so that the *Cycle* LED is lit when the CLAMPING ROD is in the bottom position (i.e. when the air is passed through the ribbon in the traditional casting procedure).

# Chapter 2

## Connection

### 2.1 Finding your device on the local area network