

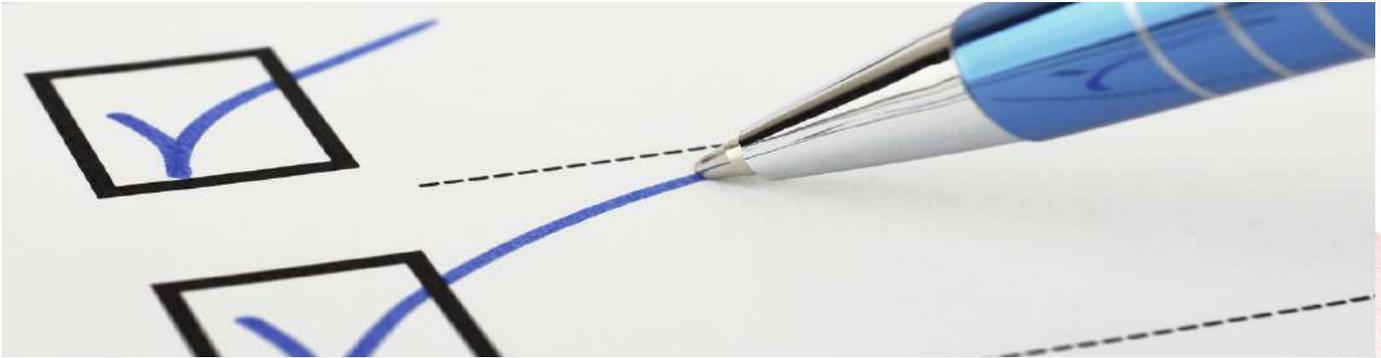
PLAN AND PREPARE FOR INSTALLING YOUR ANATOL AUTOMATIC SCREEN PRINTING MACHINE

What you need to know to get your shop ready for your new press:

- Finding the appropriate work space
- Preparing the electrical supply
- Choosing an air compressor and chiller
- What to expect during installation



It's critical to a smooth press installation that everyone involved understands not only the tasks that need to be completed, but also who will be responsible for performing them. Being prepared for the Anatol technician's arrival is key to saving time and additional costs by having all steps go smoothly and quickly.



Your Anatol Customer Solutions Manager will send you a pre-installation checklist. You are required to complete the items on the checklist and send it back signed. This includes:

- Having an electrician come out to complete the wiring
- Purchasing a compressor and chiller if your screen printing press is not an all-electric VOLT

As well as any other items the service department requires before installation. Anatol cannot coordinate shipment and installation of your new press until all items on the pre-installation checklist have been completed.



No matter what size machine you purchased, an automatic press is a big piece of equipment. Unless you have a truck-level loading dock, the delivery truck is going to pull up, open its back door... and that's it. It is solely your responsibility to unload the press. Anatol recommends that a forklift and hand pallet jack are on hand to get the press off the truck and maneuver it into your shop.

If you have a small shop or plan on setting up your press in a garage, you will still need a forklift to get the equipment off of the truck and the base of the press off the pallet. Additionally, a pallet jack is necessary to move the crates, pallets and base around.



Upon arrival of the press, you are required to uncrate the base of the machine. Have at least two fully charged drills/electric screwdrivers with plenty of Phillips head bits. After unloading, remove all the screws, blocking, nails and strapping material. Spot the base in the desired location in your shop with a forklift or pallet jack. The center of the press should be close to the utility feeds you're either dropping through the ceiling or bringing up through the floor.

Do not remove the print heads from the crate. Uncrating of the heads will be supervised by the installing technician. These print heads are precisely engineered to specs and inadvertent damage may occur if not handled properly, delaying your install. Please do not remove the top of the crate that houses them.

POWER

The first thing to consider is a proper power supply. Your electrician will need to know the necessary electrical specs such as how many amps it draws, if it needs to be wired for single-phase or three-phase and take into account any other features or accessories that will affect the power supply. Have all of your equipment specs ready for the electrician.

If you're going to use a flash dryer you need to allow for it to run off a dedicated circuit (amperage varies depending on size). In some cases, a heavy-duty twist-lock plug as well as a longer floor length cord and lower-gauge wire will be needed if the flash operates at 100 percent load. Talk to your electrician and/or check with your municipality for electrical codes.

From the specs of all equipment, the electrician will determine whether a power cord can be dropped from the ceiling. If this is the most viable option, the cord will need proper length to reach the floor plus an additional 3 feet.

PRESS PLACEMENT AND CLEAR SPAN

A six-color screen printing machine requires at minimum a 10-foot-diameter circle that is clear of posts and beams. Ideally, there should be two to three feet of additional work space all the way around the machine so you can get to each head and set up your jobs easily.

CLEARANCE

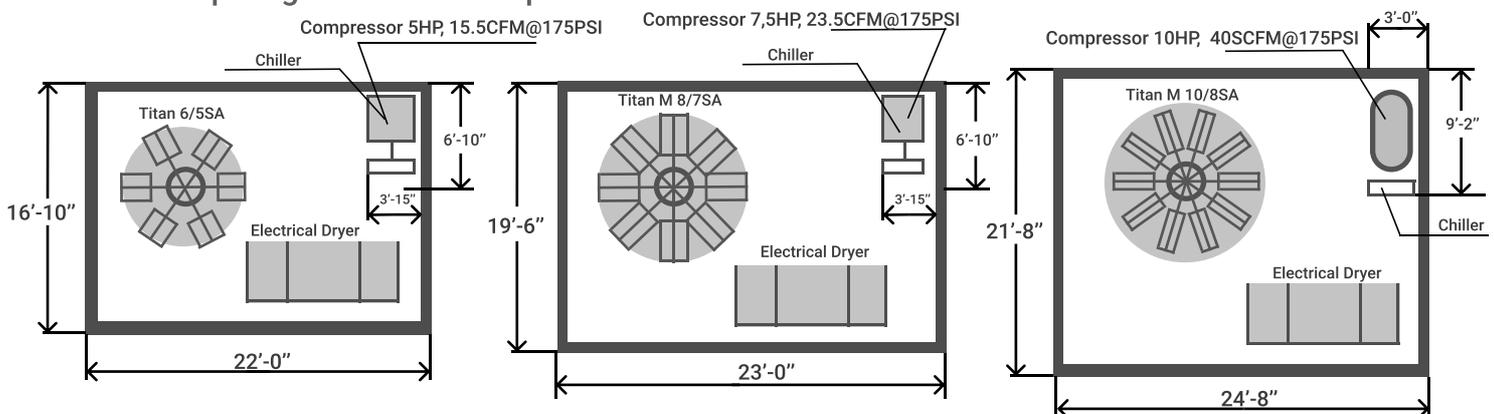
You must also make sure the doors and passageways of your shop are wide enough to allow the press to pass through. A smaller automatic up to 6 stations typically requires a minimum clearance of 44 inches; an 8-station press will require a minimum of 59 inches and 12-station and larger machines will require at least 72 inches. It's important to get exact measurements if your space is tight.

AIR COMPRESSOR

The air compressor is an important consideration. Running power to it should be a top priority. You will most likely need at least a 5 to 7.5 horsepower compressor for an all- or mostly-pneumatic press up to 8 heads, which requires a 30-amp, 220-volt breaker. A press that is 10 heads or larger will require a 10 horsepower compressor.

A service contract is usually available with the purchase of an air compressor; buying one is a smart, proactive thing to do. A service agreement (with routine maintenance) included from your vendor is the best insurance that your compressor will run at peak performance.

When installing a chiller, you again need to know the voltage and amperage specs. It may need to be hard-wired into the compressor, or a standard three-prong plug that just needs an outlet. See the shop diagram for chiller specs.



Additionally, you will need to purchase the air compressor hose and fittings. Air hoses generally are available at larger hardware stores, or can be ordered from industrial suppliers such as Grainger.

If you would like more information on purchasing a compressor and chiller you can

There's one last step before your Anatol technician arrives. It's a good idea to have screens ready so that you can print a 2 or 3 color job on your new press. The screens should be made with 5-6 inches of space between the inside of the frame and the top of the image. Additionally, you will need one blank static frame, not Newman Roller because of the difficulty of leveling the heads.

Now you are ready for the Anatol technician to arrive and install your screen printing press. The Anatol technician is responsible for getting the machine set up, running properly and providing training on press operation. Expect for the entire setup and training to take approximately 2-1/2 - 3 days.

HERE'S HOW IT WORKS:

The Anatol technician will spend the first day setting up the press. The technician will require the assistance of one of your employees for uncrating the press and installing the print and platen arms.

After the press is completely assembled the electrician will need to return and hook up the power to the press. It is important to note that the Anatol technician is not certified to hook up the power.

If all went smoothly on the first day, the second day will be spent with the very important task of leveling and then printing.

After the Anatol technician completes the installation of the screen printing machine and leveling, they will need to make sure you understand its functions and correct operation. This is not a screen printing training, rather a machine operation training. If you are new to screen printing, it is up to you to do your requisite homework and have the proper working knowledge of screen printing before your new press is installed.

With working knowledge in hand, your technician can concentrate on getting your shop up to speed and producing quality prints on your new machine. Expect the training to be completed in half a day.

ONE LAST CONSIDERATION

If you haven't evaluated and modified your other equipment in anticipation of your new automatic, you need to before installing the press. Remember, you may need to move up to larger screens, which may call for a larger exposure unit and processing sinks. Depending on your projected output, you also may need to consider purchasing a new dryer capable of handling the increased work load.



GOT MORE QUESTIONS?

If you'd like to learn more about how to get your shop ready for a new automatic screen printing press, we're happy to provide whatever information you need. Just send us an email or give us a call and we can have a conversation about how you can best meet all the requirements of a new machine.

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