

## How to identify a Bucher Power unit:

We are here to help! We welcome clear photos of the power unit with multiple angles (if possible) and close up photos of any identifying marks. Please call an Inside Sales representative so we can offer an email to submit those for review. Be certain to include your contact information.

If photos are not an option:

1. **Bucher Serial # label.** Bucher power units will typically have a black model number/serial number label on the reservoir. On units less reservoir it will be located on the motor. Actual location may vary. *(Monarch units built prior to 2008 will have a blue serial number label)*
  - a. Model numbers will be 7-8 digits in length eg. M-304-0123 or M-3504-0123  
These units may be proprietary to a customer. We can help with trouble shooting and identifying repair parts
  - b. Model # without suffix. We will need to know
    1. Voltage
    2. Gear Code
    3. Reservoir dimension
    4. Control box and cord length (DC units only)
2. **Units without labels or with damaged labels.** Identify the units as follows.
  - a. Identify the type of cylinder it is actuating. EG: Single or Double acting cylinder
  - b. Round base assembly or Square base assembly
  - c. Valving. Are there any external or internal cartridge valves visible?
    - i. If there are no external valves, does the unit have a cord going into the reservoir?
      1. If not cord it could be a M-304/M-3304/M-3504 style power unit
      2. With a cord it could be a M-314/M-3314 style circuit.
3. **Units with valves**
  - a. Are they manual (Rod and Handle)?
  - b. Are they solenoid controlled (cartridge valves and control pendant)
4. **Stampings and serial numbers**
  - a. Beginning October 2010 we began pin stamping the 8 digit serial number into the base assembly. This will be followed by a four digit date code denoting week and year.
  - b. From 1/1/2001 through 9/30/2010 there will be two lines. We stamped a six digit serial number and a four digit date code under that denoting week and year onto the base assembly.
  - c. From 1997-2000 we stamped the two digit gear code, next three or four digit pressure setting, and then month and year. Some of these units even had model numbers stamped on them.
  - d. Before 1997 units will contain a two digit number (gear code) followed by the pressure setting (3 digit or 4 digit number)

The first six/eight digits of the serial number are what we are after for unit identification.  
The four digit suffix are the incremental number logging the numerical quantity of the order.