

## **Okuma ETU-3MK01Z & HTK50-525 POWER SUPPLY Comparison.**

Comparison of Okuma 5000 & 5020 operator pendant power supply wiring diagrams. Power supplies are electrically interchangeable, but mounting screws are different. Heavy duty Tye wraps have been used to secure similar power supplies.

On the Okuma 5000 with terminal strip, the wire order left to right is:

- 1 +5 volts, RED
- 2 GND, BLACK
- 3 +12 volts, ORANGE
- 4 -5 volts, BLUE

The terminal strip is labeled with volts on circuit board.

### **ETU-3MK01Z POWER SUPPLY**

1. AC1 two whites (one white if without 100VAC fan)
2. AC2 two gray (one gray if without 100VAC fan)
3. FG Green
4. V2 -5v BLUE
5. V1 +12v ORANGE
6. COM GND common BLACK
7. +5V +5v RED

On Okuma late version 5000 & 5020 with CN3 connector, the wire order on CN3 for power connections is:

- 1 +12 volts, ORANGE
- 2 +5 volts, RED
- 3 GND, BLACK
- 4 -5 volts, BLUE

The connector is numbered on circuit board.

### **HTK50-525 POWER SUPPLY**

1. AC1 WHITE 100VAC
2. AC2 WHITE 100VAC
3. GREEN (JUMPERED TO 3, 5, 7)
4. -5v BLUE
- 5 GND (and blue FAN wire if fan is 12VDC)
6. +12v ORANGE (and red FAN wire if fan is 12VDC)
7. GND BLACK
8. +5v RED

Most 5000 and some 5020 are 100VAC fans, late 5020 are 12VDC fan. Check fan label for clarification. Fan is for CRT type monitor only, not needed with LCD monitor replacement.

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