

Main Wire Harness Point to Point reference index.

(refer to Drawing #MH1)

Logic Board Connections Plug 1 Main Wire Harness.

- 1- Green / Yellow wire to Power Supply pin 5 and Chassis Ground.
- 2- White / Green wire to Vertical Rise Switch (Normally Open)
- 3- Orange wire to Down Limit Switch (Normally Open)
- 4- Black / Green wire to Vertical Rise Switch (Common)
- 5- White / Grey wire to Vertical Rise Switch (Normally Closed)
- 6- White / Blue wire to Down Limit Switch (Common)
- 7- Green wire to Down Limit Switch (Normally Closed)
- 8- Blue wire to pin 1 on 15 pin plug on Pump Plate
- 9- Brown wire to pin 2 on 15 pin plug on Pump Plate
- 10- White / Brown wire to Vertical Rise Motor pin 7 on 9 pin plug
- 11- Blue wire to Vertical Rise Motor pin 1 on 9 pin plug
- 12- White / Orange wire to pin 9 on 15 pin plug on Pump Plate
- 13- White / Black wire to pin 7 on 15 pin plug on Pump Plate and pin 8 on 9 pin plug on Power Supply.
- 14- Red wire to pin 2 on 9 pin plug on Vertical Rise Motor
- 15- Black wire to pin 3 on 9 pin plug on Vertical Rise Motor
- 16- White / Red wire to pin 8 on 15 pin plug on Pump Plate and to pin 9 on 9 pin plug on Power Supply
- 17- White wire to pin 3 on 9 pin plug on Power Supply and pin 9 on 9 pin plug on Vertical Rise Motor.
- 18- Grey wire to pin 1 on 9 pin plug on Power Supply

Pump Plate Connection 15 pin plug Main Wire Harness.

- 1- Blue wire from Interlock
- 2- Brown wire from Interlock
- 3- Green / Yellow wire to pin 5 on 9 pin plug on Vertical Rise Motor
- 4- Yellow wire to Blower switch (Count Wise-M only)
- 5- Yellow wire to Blower switch (Count Wise-M only)
- 6- Not Used
- 7- White / Black wire to pin 8 on 9 pin plug on Power Supply and pin 13 on plug 1 - 18 pin plug on Logic Board.
- 8- White / Red wire to pin 9 on 9 pin plug on Power Supply and pin 16 on plug 1 – 18 pin plug on Logic Board
- 9- White / Orange wire to pin 12 on plug 1 – 18 pin plug on Logic Board
- 10- Black / Orange wire to Interlock (located behind Pump Plate)

- 11- Black Green wire to Interlock (located behind Pump Plate)
- 12- Not Used
- 13- Black / Orange wire to Interlock (located behind Pump Plate)
- 14- Black / Green wire to Interlock (located behind Pump Plate)
- 15- Not Used

Pump Plate Connection 3 pin plug Main Wire Harness

- 1- Black / Blue wire to pin 2 Laser Receiver
- 2- Not Used
- 3- Black / Violet wire to pin 3 Laser Receiver

Vertical Rise Connection 9 pin plug Main Wire Harness

- 1- Blue wire to pin 11 on plug 1- 18 pin plug on Logic board
- 2- Red wire to pin 14 on plug 1 – 18 pin plug on Logic Board
- 3- Black wire to pin 15 on plug 1 – 18 pin plug on Logic Board
- 4- Not Used
- 5- Green / Yellow wire to pin 3 on 15 pin plug on Pump Plate
- 6- Not Used
- 7- White / Brown wire to pin 10 on plug 1 – 18 pin plug on Logic Board
- 8- Not Used
- 9- White wire to pin 17 on plug 1 – 18 pin plug on Logic Board and pin 3 on 9 pin plug on Power Supply

Power Supply Connection 9 pin plug Main Harness

- 1- Grey wire to pin 18 on plug 1 – 18 pin plug on Logic Board
- 2- Not Used
- 3- White wire to pin 17 on plug 1 – 18 pin plug on Logic Board and pin 9 on 9 pin plug on Vertical Rise motor
- 4- Not Used
- 5- Green / Yellow to pin 1 on plug 1 – 18 pin plug on Logic Board and Chassis Ground lug
- 6- Not Used
- 7- Not Used
- 8- White / Black wire to pin 13 on plug 1 – 18 pin plug on Logic Board and pin 7 on 15 pin plug on Pump Plate
- 9- White / Red wire to pin 16 on plug 1 – 18 pin plug on Logic Board and pin 8 on 9 pin plug on Pump Plate