

MOBIUS

M108S TRIMMER

WIRING INSTRUCTIONS [60Hz]



WIRING CONNECTION

DIAGRAM



CONNECTING TO 3 PHASE 208V POWER

The Mobius M108S Trimmer ships with a power cord wired for 3 Phase 208V power.

To operate the trimmer on 3 Phase power, a NEMA L15-30R receptacle at the power source and a 30 amp breaker are required.

This set-up requires 3 HOT/LIVE wires and a ground. There is no neutral.

CONNECTING TO SINGLE PHASE 240V POWER

The Mobius M108S Trimmer ships with a power cord wired for 3 Phase 208V power. To run the trimmer on Single Phase 240V requires an appropriate power source receptacle and a connector end for the Mobius power cord. Receptacle and connector end options are presented below.

This set-up requires a minimum 35 amp breaker, but 50 amp connectors are easier to source, thus a 50 amp breaker is recommended.

This set-up requires 2 HOT/LIVE wires and a ground. There is no neutral. Some receptacles will require a neutral line. In these cases, connect the neutral at the power source receptacle, but DO NOT attach the neutral line to the Mobius power cord. The Mobius M108S Trimmer will not run with a neutral connected to the power cord.

CONNECTING TO YOUR POWER SOURCE

Whether connecting to Three Phase 208V or Single Phase 240V power, there is no need to make any alteration to the end of the power cord that connects to the M108S Trimmer. Presented below are the configuration options for the power source. For 240V connections, only the end of the power cord connecting to the power source will need to be altered.

THREE PHASE 208V POWER

L15-30R

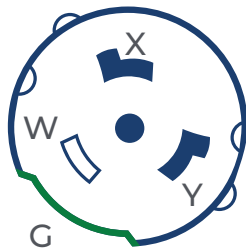


SET UP REQUIREMENTS

Live Wire 1	X
Live Wire 2	Y
Live Wire 3	Z
Ground	G
Neutral	n/a

SINGLE PHASE 240V POWER

NEMA SS2-50R*

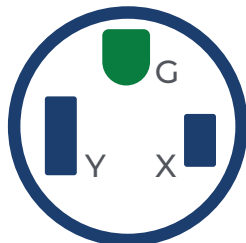


RECOMMENDED OPTION*

SET UP REQUIREMENTS

Live Wire 1	X
Live Wire 2	Y
Ground	G
Neutral	W

NEMA 6-50R



SET UP REQUIREMENTS

Live Wire 1	X
Live Wire 2	Y
Ground	G
Neutral	n/a

NEMA 14-50R



SET UP REQUIREMENTS

Live Wire 1	X
Live Wire 2	Y
Ground	G
Neutral	W