The latest breakthrough from the innovators of insulation fastening is the FPP5, a pinspotter platform that enhances the capabilities of a compact pinspotter. The FPP5 works in conjunction with the Duro Dyne MF12A compact pinspotter (sold separately) to create a versatile insulation fastening machine designed for use in the HVAC industry.

The FPP5 is fully assembled for pneumatic and electronic controls to allow the MF12A welding source to be utilized as both a hand held pinspotter and a fixed head pinspotter. This provides the customer with greater capabilities at a lower cost. The MF-12A when used with the FPP5, will weld pins from 1/2 inch to 2 inches long on steel from 26 to 20 gauge.

The conversion from the MF12A as a handheld pinspotter to a fixed head pinspotter when used in conjunction with the FPP5 is simple. Simply remove the handgun and ground clamp cam locks conveniently located on the front of the MF12A and connect the front and rear weld cable cam locks from the FPP5 to the MF-12A. If air and power are in place, you are ready to weld!

Note: For best performance, use genuine Duro Dyne insulation fasteners.

WORKS IN CONJUNCTION WITH THE MF12A & MF12 MACHINES (SOLD SEPARATELY)
To use your work bench as a welding table, cover the bench top with a copper (.025) inch thick sheet. Set the MF-12A on the bench top. Attach the MF-12A ground clamp to the copper sheet and it will act as a ground when the duct rests on the bench top. Activate the trigger switch and pins quickly weld every time. No burn marks or wasted pins due to misfires.

When duct is too large to put on a bench, snap the ground clamp onto the duct and secure the insulation quickly by welding pins inside or outside of the duct as required.

Eliminate the heat mark on the duct by using the simple “heat sink” on the opposite side of weld.

No burn marks or discolorations of duct occur when using the recommended method of insulation fastener attachment. Fasteners are permanently welded in position flush with insulation.

The needle sharp point enables the operator to easily push the fastener through the insulation into firm electrical contact with the metal duct. The welding cycle is activated by pressing the trigger switch on the gun (or remote actuator). Current flowing through the fastener’s high resistance point of contact creates instantaneous welds of extremely high strength. The flow of metal during the weld, firmly attaches and supports the fastener. It prevents breakaway while handling ducts during transport and installation.

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