

IRMCO® SPRAY

APPLICATION HARDWARE SYSTEM



IRMCO® SPRAY – APPLICATION HARDWARE SYSTEM is the most dependable, durable, and cost effective method to spray apply IRMCO FLUIDS® on the market today. The system utilizes the time proven Spra-Rite technology from Industrial Innovations.

PRECISE APPLICATION – The system utilizes independently controlled, electrically operated, highly efficient injector valves. Coupled with a smart PLC and a pre-determined press stroke signal, lubricant can be precisely regulated to wherever it is needed. Specific stage(s) of a transfer/progressive die, incoming flat material, or that last punch at the end of the process can all be independently lubricated as needed.

ZERO WASTE – Along with the ability to adjust nozzle volume independently, patented zero drip spray nozzle assemblies combine low pressure with high velocity to produce the most effective means of applying lubricants throughout the stamping process.

DURABLE & FLEXIBLE – Systems are robust and designed according to your press side requirements. Spray systems can be mounted to a press or stand alone as a movable pedestal system. Smaller systems can be bucket top or trial only if desired. Systems are expandable to as many nozzle locations as needed.



LEANGREEN® METALFORMING

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TYPICAL HARDWARE SYSTEMS

Spray systems can have any number of nozzles in either pedestal or press mount. Alpha systems are regulated to a total of six nozzles.

High Pressure Pedestal System

System as shown includes:

SR-PAHP-16-MI

Mitsubishi Control Processor, 16 Injector Output Manifold, Regulator, Gauge, Nema Twelve Enclosure and 1/4" Push Lock Fittings, Stand, High Pressure Drum Pump.

HV-MB-H-4-8001

High velocity, high volume (1/4") spray nozzle, 4 inch long housing, 8001 nozzle tip, magnetic base. For this example system, 16 nozzles would be necessary.



Low Pressure Alpha System

System as shown includes:

SR-MA-4-AL

Alpha 6 Controller, 4 Injector Output Manifold, Regulator, Gauge, Nema Twelve Enclosure and 1/4" Push Lock Fittings, 7 gallon stainless steel reservoir.

HV-MB-H-4-8001

High velocity, high volume (1/4") spray nozzle, 4 inch long housing, 8001 nozzle tip, magnetic base. For this example system, 4 nozzles would be necessary.



Manifold Application System (Press Mount)

System as shown includes:

SR-MA-8-MI

Mitsubishi Control Processor, 8 Injector Output Manifold, Regulator, Gauge, Nema Twelve Enclosure and 1/4" Push Lock Fittings.

HV-MB-H-4-8001

High velocity, high volume (1/4") spray nozzle, 4 inch long housing, 8001 nozzle tip, magnetic base. For this example system, 8 nozzles would be necessary.

