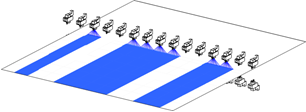


***DIETRONIC STRIP OILER***

***MCPX***

* ***Under One Year Payback in most cases***
* ***Very innovative solution***
* ***Increase strokes between tool sharpenings***
* ***Completely automatic set up of oiling parameters***
* ***60% to 90% oil saving***
* ***Cleaner fog-free environment***
* ***Reduce slug pulling***
* ***Elimination of waste disposal cost***
* ***Modular solution***
* ***Friendly set up***
* ***Easily maintenance***



SECTION 1: WHY DO YOU NEED THE DIETRONIC SYSTEM?

Do you have problems with lubrication? You spend too much time adjusting a lubrication during your process? If the answer is **YES**, this is the product you have been looking for !

* **SUPERIOR FRIENDLY TECHNOLOGY**

The Dietronic System regulates the amount of fluid that is deposited onto the surface of your product via uniquely designed, proprietary spray nozzles. These spray nozzles coupled with the special and innovative High Frequency valves insure the proper spray rate in relation to the requirement.

* **REDUCE YOUR COSTS, UNDER 1 YEAR PAYBACK**

The majority of Dietronic customers recoup all their costs within one year of installation, while increasing the protection and value of their product. How is this possible?

* + ***REDUCE CONSUMPTION WHILE INCREASING EFFICIENCI***

High performance oil products are expensive! Most customers do not apply oil fluid to the end product in an efficient manner. With the Dietronic System, you apply the fluid directly to the sheet metal in the dosages recommended by the vendor. If during the process the oil requirement changes, the DIETRONC system automatically responds and keeps the dosage correct.

* + ***REDUCE POST PROCESSING COSTS***

The Dietronic system reduce a post processing costs as:

√ Reduction of scrap

√ Part cleaning

√ Advantage on welding part

√ Reduce claims of too much oil on the parts

√ Paint quality

√ Improvement of tool life

√ Reduction of the costs for tool maintenance

**SECTION 2: SYSTEM CAPABILITIES**

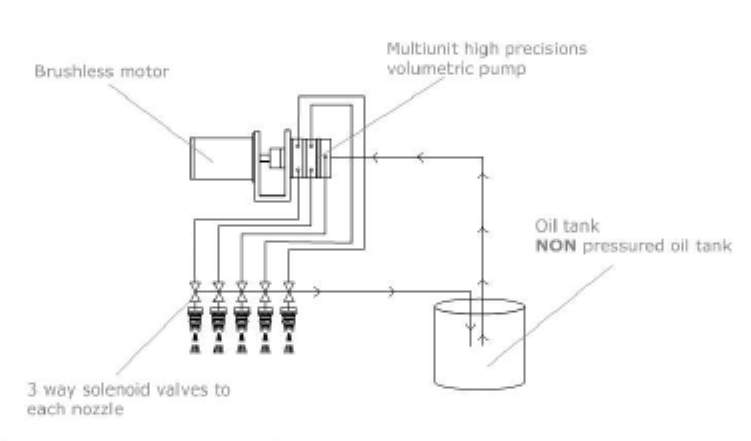
The STRIP OILER MCPX is an innovative system that enables the in-line application of oil onto the surfaces of coils. All fluids require a proper dosage of oil per surface area of product to work effectively. The right lubrication of the final product requires a adjustable film covering on the surface. Any dosages greater than the recommended amount is wasteful and does not increase the performance during the stamping process. Do you know how much oil you are putting on your sheet metal? Do you change the settings based on material and to compensate a variability of process? The answer is probably not.

With the STRIP OILER MCPX, Oil is applied precisely and with immediate adjustability. The operator does not have to adjust an approximate way but all lubrication parameter are repeatable, stored and recalled automatically for the different productions.

Lower your operating costs, increase the performance of your process and eliminate customer claims for inadequately lubrication.

**2.1 MAIN HOUSING**

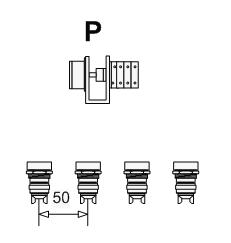
Built with a rugged steel construction, the main housing serves as the receiver for the retractable spray heads as well as for the optional Oil / Mist Retraction System. The 8” HMI Touch Screen is mounted to the front of the electrical cabinet for easy access.



**2.1.1 Extractable Spray Box**

Due to the minimal distance of the nozzles from the coil and a special design of the vacuum system there is a total absence of spray-oil mist drops depositing on the inside walls dropping onto the passing blank.

40 nozzles are installed at 50 mm distance.

The adjustments of quantity of oil is made through special proprietary designed nozzles.

This parameter is settable from the touch panel for separate side of coil.

The nozzles ensure a uniform application of the oil, avoiding overspray.

**2.1.2 Touch Screen Control**

Mounted onto the main housing is a 8” HMI touchscreen panel. From this panel, the operator can control:

* Selection of valves that are on/off.
* Quantity of fluid dispersed in g/m².
* Manual spray control.
* Pump start/stop.
* Monitor line speed.
* Monitor fluid levels.
* Monitor system alarms

**2.2 MAIN CABINET WITH OIL TANK**

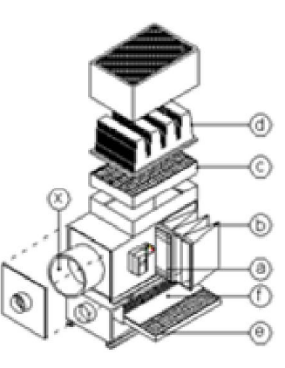
**2.2.1 Main Cabinet**

The basic STRIP OILER MCPX system comes with an electrical enclosure and oil tank/pump system. The customer only needs to provide main power, compressed air, start signals and connect the supplied cables to the main housing unit and the system is ready for operation.

**2.2.2 Oil Tank and Gear Pump**

An oil tank of 40 liters capacity is integrated within the electrical enclosure. Both visual and electronic level switches are provided for fluid level indication and protection. From this tank, a special pneumatic pump refills a small tank (3 lt.) automatically. From here, a gear pump feeds the spray heads with a constant pressure within the spray heads in order to grant an even oil distribution.

**SECTION 3.1: COMPONENTS**

**1: OIL / MIST EXTRACTION SYSTEM**

* Type ECO oil / mist extractor for removal and purification of oil mist generated by the spray application. Extractor is filled with a HEPA filter to give high efficiency removal of the oil mist
* Drain system is included to recover oil removed from the environment