

CUSTOMER PROFILE

Finn-Power Crimper Increases Product Range and Productivity for Hose Distributor

Fluid Hose & Coupling, Inc., Mississauga, Ontario, maintains Canada's most complete stock of industrial and hydraulic hose and fittings. A family-owned business that was founded in 1979 by Joe and Barb Pasternak, was recently ISO 9002 registered. This company custom makes assemblies to their customers' specifications for prompt delivery and carries the following extensive line: hydraulic hose, pressure washer hose, petroleum hose, and industrial hose, as well as related products.

Fluid Hose & Coupling has a crimper capacity of up to 2" - 6 wire, 10K PSI and crimping of industrial hose from 1/4" to 4". In order to accommodate the larger crimps, the company purchased a Finn-Power FP120 with special dies three years ago. The FP models are designed to handle large jobs with optimal swaging force, speed, and efficiency. What distinguishes them are their larger die opening, strength, and speed.

Another feature is that these production units can accommodate small and large assemblies. Their pass-through head design makes them ideal for swaging elbow assemblies, flanged pieces, and oddly-shaped parts.

The FP120 is a high-speed, high-production model that has a crimping force up to 280 tons, quickly adjusts and crimps to an exact dimension, and can adjust in .01 mm increments. To ensure speed and accuracy on all jobs, the Finn-Power FP120 is designed with soft and even die movement, using a twin-pump hydraulic system which eliminates pressure shock during crimping.

The Finn-Power FP120 replaced two crimpers that only had the capacity up to 2". According to Grant



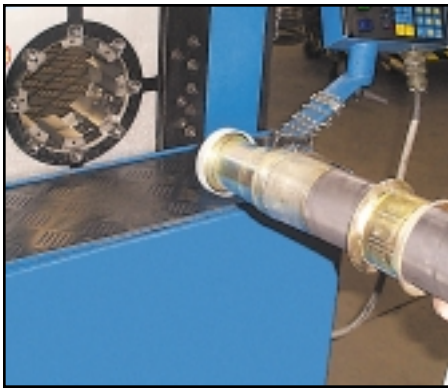
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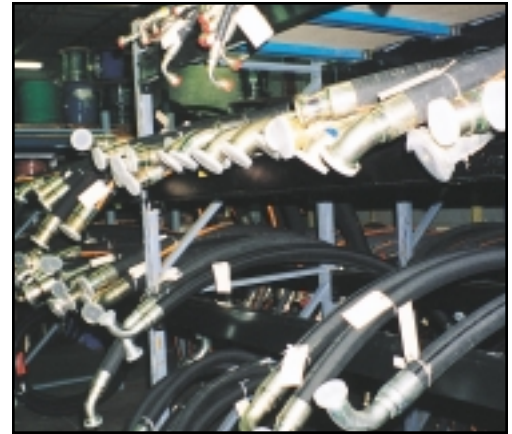


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Gillies, purchasing director for Fluid Hose & Couplings, Inc., the Finn-Power model gave his company increased capacity. "The FP120 is programmable which helps expedite production," explains Gillies. "All you have to do is set the Finn-Power crimper to a dimension and begin feeding in the assemblies. You can crimp as fast as you can feed them. We do a lot of assemblies at one time and productivity is very important because margins in pressure washer hose is not great."

Adds Ashton Mohammed, technical sales and service, "The Finn-Power FP120 is the best crimper I've ever used in 12 years in the hose industry. It is versatile, easy to operate with a manual, semi-manual, and automatic mode, and you can store memory for quick change over to different sized hoses. We run the FP120 about 12 hours a day...it doesn't get turned off very often"

Another feature that Fluid Hose & Couplings likes about the FP120 is the Quick Change Tool System. Finn-Power has designed a Quick Change Tool System which allows the whole die set to be changed in one easy operation. The pins on the QC Tool engage the QC Holes in the dies. As the master dies open/close, the die segments are released from/fastened to them. The die segments are held to the tool by a magnet. The set can then be stored in the QC Storage Rack. In this way the segments are kept in complete sets and are always used in the same order.



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The die set is removed from the rack.



The tool holds the dies together as a complete set.



The die set is positioned inside the swaging head.



The head is closed and the dies are engaged by master die sets.



The tool is removed and the swaging machine is ready for operation.

FINN-POWER
Crimping since 1973

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