

Deep Drawing Press LPS



Hydraulic press specially designed for deep drawing of metal parts such as filter cans, pressure vessels and fire extinguishers.

- Load sensing hydraulics – ***independent cylinder functions***
- Fully programmable sequence – ***efficient production of complex parts in a single press cycle***
- Variable force and speed – ***consistent part quality***

Deep Drawing Press LPS

The LPS press is specially designed to perform deep drawing operations, from conventional to advanced tasks. The press is also ideally suited for hydroforming with a pressure dome.

The LPS can produce multi operation parts very efficiently in one single press cycle due to the unique combination of advanced hydraulics and a highly flexible control system. This means faster production flow as well eliminating the storage of parts between operations.

The press frame is a four-column design and is equipped with an eight-sided guiding system between the slide and the frame.



The standard LPS is equipped with three (3) double acting cylinders. It is also possible to add a fourth cylinder. These four cylinders can be programmed to work independently with regard to speed, stroke length and force in any sequence. This feature makes it possible to use infinitely adjustable blank holder force and to create reverse draw and redraw operations.

There are different types of control systems available for the LPS press. All have a very user friendly design. The production change-over time is minimized by quick recall of stored tool data. Some of the systems can be delivered with a force vs. distance graph as an option which allows the operator to analyze and optimize the press sequence.



Technical specifications

Press force	kN	1,000 - 6,300
Cushion force	kN	500 - 3,000
Force third	kN	500 - 2.000
Force fourth	kN	350 - 1,200
Press bed	mm	1,000 - 1,600

Please let us know your requirements!

Note: Subject to alterations.

The machine pictured on the front is equipped with options.

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