FORMING THE FUTURE



HYDRAULIC PRESSES
HPX SERIES FROM 2,500 – 10,000 KN

SCHULER
Member of the ANDRITZ GROUP

HPX SERIES.
COMPACT, ROBUST, VERSATILE.

Schuler made-to-measure. With the HPX series of hydraulic presses, Schuler is expanding its range with hydraulic presses in the press force range from 2,500 kN to 10,000 kN. Now there is a press concept available that is tailor-made for the requirements of small and medium enterprises as well. As a result, Schuler is satisfying all the requirements of the market in this price-sensitive press force range, with a comprehensively winning concept.

Presses in the HPX series are designed to achieve a favorable price/performance ratio. They cover a universal range of applications, and can be expanded for automatic production systems. High quality standards guarantee security of investment and ease of maintenance. Presses in the HPX series combine maximum production flexibility with convenience in everyday operation. And last but not least, Schuler is synonymous with reliable, proven presses with high levels of availability, short delivery times and service quality that can be relied on anytime.



Automated production cell for manufacturing automotive parts.

AN ATTRACTIVE OFFER.
THE ADVANTAGES OF THE HPX SERIES.



The Schuler user interface is clear and self-explanatory.

TYPICALLY SCHULER – INTELLIGENT STANDARDIZATION.

Intelligent concept. Hydraulic presses in the HPX series are built cost-effectively by taking new approaches in standardization and procurement. For example, Schuler has dispensed with a wide range of variants in favor of high economic efficiency; instead, an ingenious, standardized machine concept has been developed to provide modular expansion possibilities if required.

MODEL OVERVIEW

Type	HPX-250	HPX-400	HPX-630	HPX-800	HPX-1000
Press force [kN]	2,500	4,000	6,300	8,000	10,000
Bed depth [mm]	Bed width [mm]				
1,000	1,300		–	–	–
	1,600	1,600	–	–	–
1,300	2,000	2,000	2,000	–	–
	–	2,500	2,500	2,500	–
1,600	–	–	2,500	2,500	2,500
	–	–	3,000	3,000	3,000
Stroke/shut height [mm]	600 / 900		800 / 1,200		800 / 1,200
	900 / 1,200		1,000 / 1,500		1,000 / 1,500

Opening in upright to side [mm]	
Standard	Optional
600	800
850	1,100
1,000	1,300

On request, HPX presses are available with alternative bed sizes and press forces as a special version.
Subject to technical modification.

"X" STANDS FOR VERSATILITY.

New series. The hydraulic HPX series is extraordinarily versatile and makes it possible to achieve efficient series production of a wide range of components – from the blank through to the finished part. HPX presses with press forces from 2,500 kN to 10,000 kN expand Schuler's range and offer high reliability through proven Schuler quality monitoring.

THE HPX SERIES LINKS INTO THE WIDE WORLD OF SCHULER.

Full integration. The HPX series is seamlessly linked into the extensive Schuler world. Not only does it offer the tried-and-tested Schuler user interface, but as a modular system it can also be expanded in a variety of ways with defined interfaces for press automation.



HPX presses for a wide range of components.

SCHULER QUALITY CONCEPT FOR PRESSES IN THE HPX SERIES

A selected technology partner and production within the EU under the auspices of Schuler ensure a high standard of quality. Quality acceptance and commissioning of the machine by Schuler ensure that production will start smoothly and without complications. Schuler Service offers an extensive range of services throughout the entire lifecycle of the press or line – including maintenance and servicing to safeguard productivity.

HIGH FLEXIBILITY AND VERSATILITY FOR A WIDE RANGE OF APPLICATIONS.
ECONOMICAL AND WITH A RELIABLE PROCESS.

Schuler HPX presses can be operated manually or with automation. Combined with a coil feed line, destacker or robot automation, the presses can be expanded into system solutions.

Optionally equipped with a hydraulic bolster cushion, cutting impact damping or a die change system, presses in the HPX series meet all requirements for efficient production in the press shop. Tried-and-tested Schuler visualization assists with operation and straightforwards fault diagnosis. This increases the productivity of the entire system.

Quickly available:

- Short delivery time because of a standardized modular system
- Rapid production start-up due to short installation and commissioning phase
- High planning security because of professional project management

Economical production with HPX presses:

- Favorable price/performance ratio
- High process reliability during blanking and deep-drawing because of precise and reproducibly adjustable four-screw cutting impact damping and a hydraulic bolster cushion with a particularly rigid design
- The range of parts also includes aluminum and stainless steel

Know-how and hands-on experience.

The Schuler Academy offers numerous training courses for presses and automation equipment around the world.
www.schulergroup.com/academy

SCHULER SERVICE – STATE-OF-THE-ART SERVICE FOR MORE PERFORMANCE

Schuler Service offers a tailored portfolio of services covering the entire life cycle of your equipment. Over 900 service employees worldwide provide expert support 24/7 in close cooperation with you – our partners. Our main priority is always to ensure the maximum productivity and safety of your production equipment in order to secure your company's continued success.

MORE INFORMATION

www.schulergroup.com/service_en

ABOUT THE SCHULER GROUP – WWW.SCHULERGROUP.COM

Schuler is the technological and global market leader in the field of forming technology. The company provides presses, automation solutions, dies, process expertise and service for the entire metalworking industry and for lightweight automobile construction. Its customers include automotive manufacturers and suppliers, as well as companies in the forging, household appliance, packaging, energy and electronics industries. Schuler is a leading supplier of minting presses and implements system solutions for a wide range of different high-tech sectors. The company has a presence in approximately 40 countries with roughly 6 600 employees. Schuler is majority-owned by the Austrian ANDRITZ Group.

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