



# Hydraulic Presses KP 100 A

## SKU : 131502

The KP-A series consists of powerful hydraulic presses with portal frames, which are built completely in Europe using high-quality components from reputable suppliers and used for deep drawing, forming, and notching processes. The possible force ranges from 40 to 400 tons. The entire series has large ram plates on the cylinder and work table with clamping flutes for mounting tools and accessories. Mobile 2-hand operation guarantees safety, and the travel distance is defined with adjustable limit switches. We also offer customized solutions that are based on individual customer requirements.

- Made in Europe
- For test and series production
- Multi-shift operation possible
- Industry 4.0 integration possible
- Customised solutions on request



## TECHNICAL SPECS

### WORKING AREA

Pressure force	100 t
Table dimensions	900 mm x 600 mm
Stroke	500 mm
Ram-plate size	700 mm x 350 mm
Throat width	1050 mm
Stroke speed	4 mm/s

### RAPID FEED

Rapid feed	26 mm/s
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### DRIVE CAPACITY

Motor rating	4 kW
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### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	2.08 m x 1.05 m x 2.26 m
Weight	2300 kg



Work example is shown



Shown with large capacity of 900 - 1500 mm

## PRODUCT DETAILS

- Made in Europe - perfectly welded frame steel construction for high rigidity, designed for maximum machine force
- Hydraulic presses are extremely versatile due to their distance/time flexibility of the stroke
- A large hydraulic cylinder moves the thick ram plate, stabilized by heavy-duty self-lubricating circular guides
- Work table and ram plate feature T-slots for tool clamping
- A mobile control panel provides flexibility, while additional controls are easily accessible integrated in the control cabinet
- The hydraulic system is designed as stand-alone unit for low maintenance and optimum thermal balance
- 2-step hydraulic pump for fast rapid feeds and optimum stroke speeds
- Precision-machined cylinder surfaces and high-quality seals ensure low wear and long lasting reliability
- All components are made according to strict standards, and the entire construction meets European safety guidelines

## STANDARD EQUIPMENT

Two-hand control panel  
 Adjustable stops for up/downstroke  
 Pressure gauge  
 Movable upper table with 2 guides and T-slots  
 Automatic operation  
 Automatic cylinder return  
 Siemens PLC  
 Hydraulic unit with 2 speed automatic change  
 Pressure switch  
 Timer  
 Operator manual

## OPTIONAL EQUIPMENT

- Light curtain L = 1,000 mm, SKU : 253855
- upgrade to Siemens KTP 700 Basic digital control, SKU : 253856
- upgrade from 2 to 4 lateral slides, SKU : 253857
- Predisposition "industry 4.0", SKU : 253859
- pieces counter, SKU : 253860
- Air/oil heat exchanger with decompression valve, SKU : 253861
- decompression valve, SKU : 253862