



Hydraulic Presses HPK 100 A



SKU : 423507

CUSTOM MODEL

HPK-A series are space efficient presses with three-sided access. The machines are completely built in Europe using high quality components from renowned suppliers to guarantee a high reliability and lasting value. These models are highly versatile, handling with ease many applications, from punching, straightening to forming and drawing, thus being present in most industry segments. Additionally, we offer tailored solutions based on specific customer requirements.

- Classic design with c-frame
- Completely built in Europe for high reliability
- Designed for testing or batch production
- Possibility of Industry 4.0 integration
- Customized solution available

TECHNICAL SPECS

WORKING AREA

| | |
|------------------|-----------------|
| Pressure force | 100 t |
| Table dimensions | 800 mm x 600 mm |
| Stroke | 500 mm |
| Ram-plate size | 700 mm x 350 mm |
| Throat | 300 mm |
| Stroke speed | 4 mm/s |

RAPID FEED

| | |
|------------|---------|
| Rapid feed | 25 mm/s |
|------------|---------|

DRIVE CAPACITY

| | |
|--------------|------|
| Motor rating | 4 kW |
|--------------|------|

MEASURES AND WEIGHTS

| | |
|---|-----------------------|
| Overall dimensions (length x width x height) | 1.9 m x 1.2 m x 2.6 m |
| Weight | 3400 kg |



The large Siemens touchscreen simplifies operation



The workspace is protected by light curtains



PRODUCT DETAILS

- Made in Europe - perfectly welded C-frame steel construction for high rigidity, designed for maximum machine force
- Large ram plates and work tables to ensure large tools or multiple setups
- Hydraulic presses are extremely versatile due to their distance/time flexibility of the stroke
- A powerful hydraulic cylinder and two self-lubricating circular guides ensure precise and uniform feed of the ram plate during press operations
- Precision-machined cylinder surfaces and high-quality seals ensure low wear and long lasting reliability
- Rapid adjustment of stroke length via easy to set stops
- Space saving hydraulic system located accessibly inside the frame
- 2-step hydraulic pump for fast rapid feeds and optimum stroke speeds
- Ram plate and work table with t-slots for tool clamping
- A mobile control panel provides flexibility, while additional controls are easily accessible integrated in the control cabinet
- All components are made according to strict standards, and the entire construction meets European safety guidelines

This machine comes with the following accessories:

- Light curtain 1,000 mm long
- Upgrade to Siemens KTP 700 Basic control

STANDARD EQUIPMENT

- Two-hand control panel
- Adjustable stops for up/downstroke
- Pressure gauge
- Light curtain L = 1,000 mm
- upgrade to Siemens KTP 700 Basic digital control
- 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



KNUTH on YouTube

Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?
Please feel free to contact us!**