

# Unique 3 axis drilling and machining

Sub-axis of 500 mm

750 x 600 mm  
1030 x 600 mm  
or 1330 x 600 mm



**KALTENBACH**

POWERFUL SOLUTIONS - PASSIONATE PEOPLE

Fast, automated and accurate steel processing. Powerful systems for all modern processing technologies, such as milling, drilling, tapping, counter-sinking and marking. With a robust low-vibration design to extend the life of machinery and tools. Choose KALTENBACH drilling systems and achieve excellent quality!

EXCEPTIONAL RELIABILITY  
AND MAXIMUM UPTIME

MOST ENVIRONMENTALLY  
FRIENDLY SOLUTIONS

LOWEST COST OF OWNERSHIP



**KALTENBACH**  
PROMISES

## BENEFITS AT A GLANCE

- Precise holes
- Long service life
- State-of-the-art technology
- High-performance machining
- Wide range of machining capabilities
- Rapidly working feed concept for higher uptime
- Tool changer for 12 tools per axis for less set-up times
- Efficient drilling, milling, marking, tapping and counter-sinking
- Intelligent material measurement, high process reliability

## A SELECTION OF KALTENBACH'S TOP OPTION PACKAGES

Appealing option  
packages to optimize  
your drilling machines

### *Platinum line*

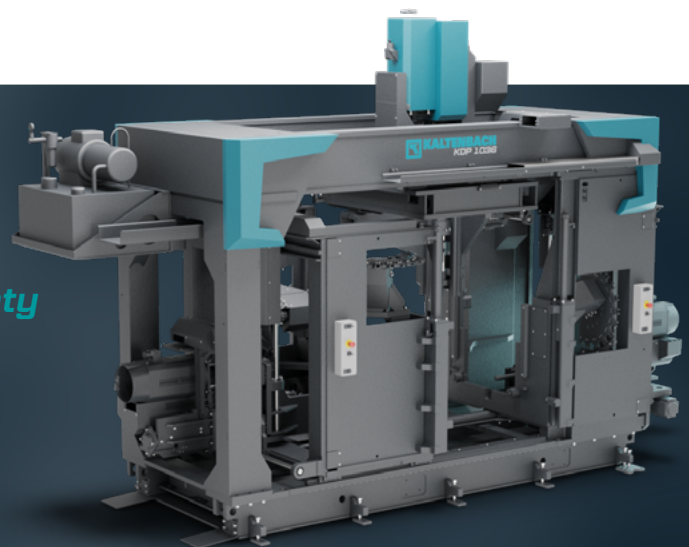
The highest  
performance edition

### *5 Year warranty*

On not movable  
mechanical parts

### *Intelligence*

All algorithms to  
optimize tool life



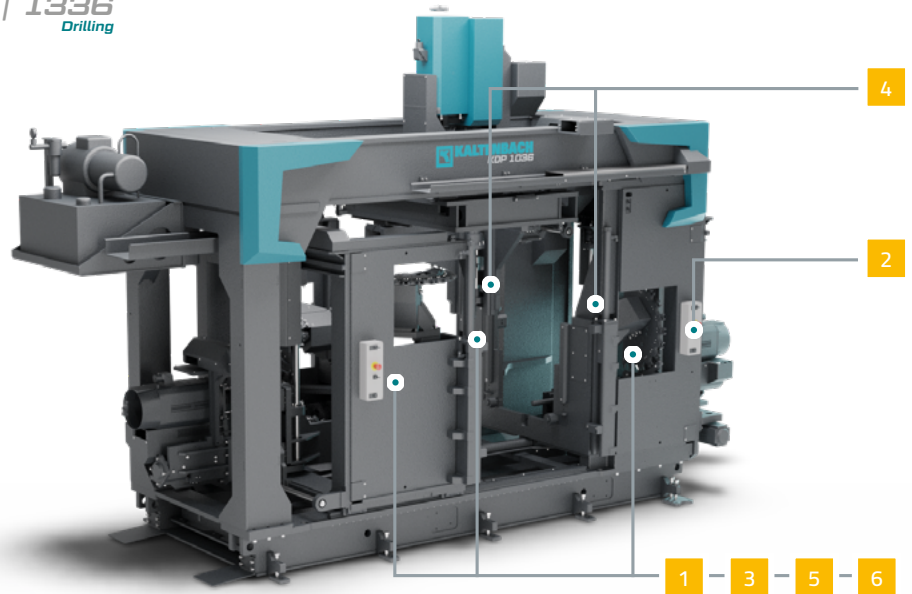
Precise processing. High-quality end products. Many machining possibilities. Very reliable system. Maximum uptime.



High performance drilling systems for the production of first class, sustainable steel products.

A perfect and  
totally reliable  
package

- HIGHEST PERFORMANCE
- OPTIMAL DRILLING RESULTS
- MOST POWERFUL AND RELIABLE SYSTEM



## FEATURES



**High drilling performance**

- Precise positioning
- Constant and repeatable feed rates
- Use of HSS, carbide and solid carbide tools
- First class end products



**Maximum uptime**

- Short changing times for tools
- Automatic tool change on all drilling units
- Automatic setting of correct speed and feed rate values



**Ultimate machining diversity**

- Drilling, contour marking, centre-marking, counter-sinking and tapping on 3 drilling axis and 12 tools per axis
- Movable sub-axis of 500 mm
- Parallelization of machining time



**Powerful and reliable clamping**

- Automatic material clamping and measurement
- Intelligent material management and dimensional tolerance control
- Prolonged tool life



**Fast marking process**

- Easy application of letters and numerals
- Imprint still clearly visible after galvanizing or painting
- High processing performance



**A wide range of milling possibilities**

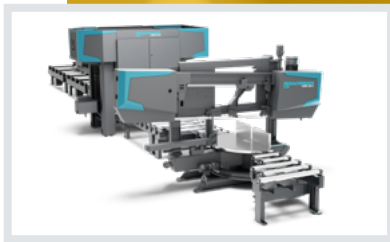
- Milling of notches, welding preparation and others
- Powerful motors, high utilisation of tools
- High precision thanks to sub-axis



## HARD FACTS

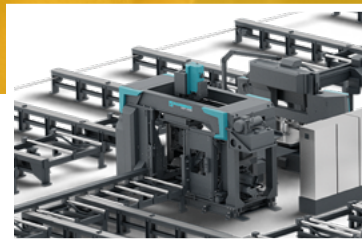
H T L U - O □

		KDP 736	KDP 1036	KDP 1336
Working range max / min	mm	750 x 600 / 50 x 5	1030 x 600 / 50 x 5	1330 x 600 / 50 x 5
Machining unit		3	3	3
Max. speed	rpm	3500 (5150)	3500 (5150)	3500 (5150)
Max. torque	Nm	544 (368)	544 (368)	544 (368)
Drive power per axis	kW	34,5	34,5	34,5
Positioning - rapid traverse	m/min	22	22	22
Material transport speed	m/min	30	30	30
Tool changer x magazine places		3 x 12	3 x 12	3 x 12
Cooling		internal + external	internal + external	internal + external
Drill diameter	mm	6.8 - 50	6.8 - 50	6.8 - 50



### Saw / drill combination

Possibility to combine with a powerful saw, resulting in a complete high performance processing system.



### Efficient material handling

Designed to ensure an optimal process flow, and therefore the most effective processing of material in your production area.

## HOME AT YOUR INDUSTRY

- > Automotive
- > Bridge Building
- > Machine Construction
- > Ship Building
- > Steel Fabrication
- > Steel Service Center
- > Transmission Towers

The KDP series is specially designed for medium and heavy steel fabrication and service centers.



# KALTENBACH



**KALTENBACH GmbH + Co. KG**  
 Blasiring 4  
 D-79539 Lörrach  
 Germany

Tel. +49 7621 175 0  
 E-Mail [info@kaltenbach.de](mailto:info@kaltenbach.de)

[www.kaltenbach.com](http://www.kaltenbach.com)