



KALTENBACH

KF 2114/28 | 2614/28

3114/28

Plate Processing

Versatile, productive plate processing

Plate processing centers

6 x 20 (40) ft | 2,100 x 6,000 (12,000) mm

8 x 20 (40) ft | 2,600 x 6,000 (12,000) mm

or 10 x 20 (40) ft | 3,100 x 6,000 (12,000) mm



KALTENBACH

POWERFUL SOLUTIONS - PASSIONATE PEOPLE

 www.kaltenbach.com



Extremely versatile processing on a single machine: Drilling, milling, thermal cutting, counter-sinking, tapping, graining, marking. Complete steel processing from one single source. Upgrade your production process with a KALTENBACH plate processing center!

- > SMART FACTORY AUTOMATION
- > LOW COST OF OWNERSHIP
- > EXCEPTIONAL RELIABILITY AND MAXIMUM UPTIME



**KALTENBACH
PROMISES**

BENEFITS AT A GLANCE

- > Up to 2 drilling heads and plasma heads for maximum output
- > Diverse manufacturing technologies
- > Milling as standard function
- > Powerful drives
- > Maximum performance
- > Optimal cutting quality
- > 7/14/28-place tool changer
- > Measuring carriage for ideal fixing of the plate
- > Highly efficient, cost-effective production

SOFTWARE FOR PROFESSIONALS

Powerful and user-friendly software packages

Machine software

Tailored to the unique features of the machine

In-house development

KALTENBACH develops its own steel fabrication software

Seamless compatibility

Hardware and software from one single source



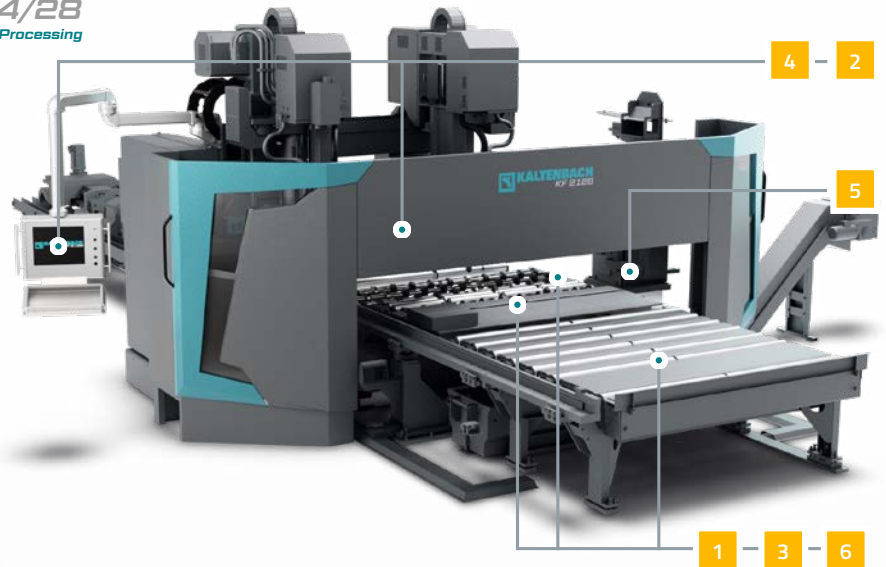
Precise processing, high-quality end products, many machining possibilities, very reliable system, maximum uptime.



High performance plate processing centers for the production of first class, sustainable steel products.

- > **Maximum performance and optimal cutting quality**

- HIGH PERFORMANCE
- OPTIMAL RESULTS
- VERY POWERFUL AND RELIABLE SYSTEM

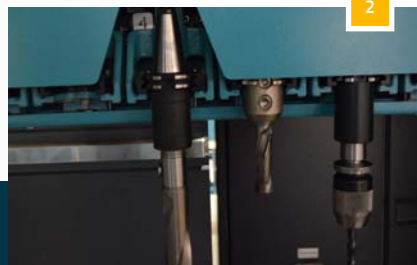


FEATURES



High cutting performance

- High cutting speed
- Optimum cutting quality
- System available in various capacity ranges
- Common cut and cross-cut technology for significantly less waste



Ultimate machining diversity

- Various processing possibilities
- 7/14/28-place tool changer per axis
- Faster set-up times



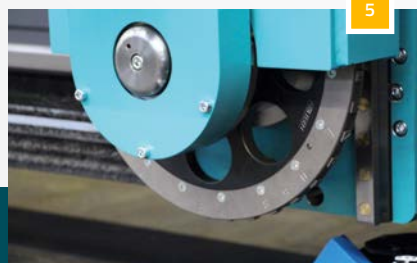
Clean cutting technology

- Automatic and reliable chip disposal
- Special brush removes swarf
- Reducing the risk of wear



Easy operation

- Plain-text display of machine data and possible error messages
- Good observation of the processes
- Rapid intervention in case of disturbance



Fast hydraulic marking unit

- Fast, high-quality marking process for applying letters/numbers
- Imprint still clearly visible after galvanizing or painting
- High processing performance



A wide range of end products

- Drilling, milling, thermal cutting, counter-sinking, tapping, graining, marking on one single machine
- First class end products

HARD FACTS

		KF 2114/28	KF 2614/28	KF 3114/28
Plate starting material max (optional)	ft	6 x 20 (40) 2,100 x 6,000 (12,000) mm	8 x 20 (40) 2,600 x 6,000 (12,000) mm	10 x 20 (40) 3,100 x 6,000 (12,000) mm
Plate starting material min	inch	8 x 20" 220 x 500 mm		
Plate thickness, starting material	inch	1/4" - 4" 6 - 100 mm		
Machining unit		1/2		
Speed max	rpm	3,500 (5,150)		
Torque max	Nm	544 (368)		
Spindle drive motor	hrp	46 hrp 34.5 kW		
Spindle feed	inch/min	0 - 78" 0 - 2,000 mm/min		
Rapid positioning speed (in production zone)	ft/min	78 24 m/min		
Material transport speed	ft/min	98 30 m/min		
Tool changer x magazine places		1/2 x 14		
Drill type		HSS, carbide, solid carbide		
Cooling		internal + external		
Drill diameter range	inch	1/4" - 2" 6.8 - 50 mm		
Thread diameter range	inch	5/16" - 1 1/8" M8 - M30 mm		

Information based on metric numbers is leading.

HOME AT YOUR INDUSTRY

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

The KF series is specially designed for complete steel processing from one single source.



KALTENBACH



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