



KALTENBACH

KF 2114/28 | 2614/28

3114/28

Plate Processing

Versatile, productive plate processing

Plate processing centers

2,100 x 6,000 (12,000) mm
2,600 x 6,000 (12,000) mm
or 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!

- ▶ EXCEPTIONAL RELIABILITY AND MAXIMUM UPTIME
- ▶ MOST ENVIRONMENTALLY FRIENDLY SOLUTIONS
- ▶ LOWEST COST OF OWNERSHIP

KALTENBACH
PROMISES

BENEFITS AT A GLANCE

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

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

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



FEATURES



Highest 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)	mm	2,100 x 6,000 (12,000)	2,600 x 6,000 (12,000)	3,100 x 6,000 (12,000)
Plate starting material min	mm	220 x 500		
Plate thickness, starting material	mm	6 - 100		
Machining unit		1/2		
Speed max	rpm	3,500 (5,150)		
Torque max	Nm	544 (368)		
Spindle drive power	kW	34.5		
Spindle feed	mm/min	0 - 2,000		
Machining unit - positioning - rapid traverse	m/min	24		
Material transport speed	m/min	30		
Tool changer x magazine places		1/2 x 14		
Drill type		HSS, carbide, solid carbide		
Cooling		internal + external		
Drill diameter range	mm	6.8 - 50		
Thread diameter range	mm	M8 - M30		

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.



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