



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 | 6 x 20 (40) ft
2,600 x 6,000 (12,000) mm | 8 x 20 (40) ft
or 3,100 x 6,000 (12,000) mm |
or 10 x 20 (40) ft



KALTENBACH

POWERFUL SOLUTIONS - PASSIONATE PEOPLE

 www.kaltenbach.com

Achieve maximum productivity and efficiency with our plasma cutting, oxy-fuel cutting, and plate drilling systems. A wide range of operations such as drilling, milling, tapping, countersinking, center punching, marking, hard stamping, and thermal cutting can be performed on a single machine.

➤ EXCEPTIONAL RELIABILITY
AND MAXIMUM UPTIME

➤ SUSTAINABLE SOLUTIONS

➤ LOW COST OF OWNERSHIP



KALTENBACH
PROMISES

BENEFITS AT A GLANCE

- Thermal cutting with plasma and/or oxy-fuel
- Up to two drilling and cutting heads for maximum output
- Intelligent nesting software for minimal material waste
- Fully automated small-part handling up to 400 x 400 mm / 16 x 16"
- Material thicknesses up to 100 mm / 4"
- Precise drilling up to Ø 50 mm / 2"
- Dual 14-position automatic tool changers
- Milling of complex contours using carbide tools
- High-performance motor drives for perfect drilling and milling results
- Special transport system with integrated dual measuring carriage
- Optional up to two marking hard stamping units

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.

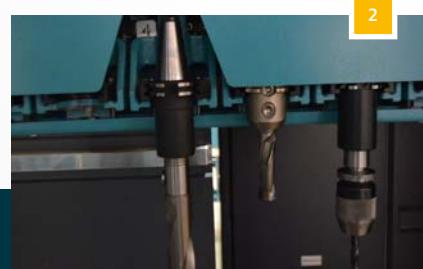


FEATURES



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



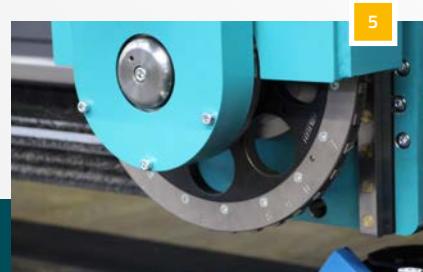
Clean Cutting Technology

- Automatic and reliable chip disposal
- Special brush removes swarf
- To ensure a reliable ignition process



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, countersinking, 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 in	2,100 x 6,000 (12,000) 6 x 20 (40)	2,600 x 6,000 (12,000) 8 x 20 (40)	3,100 x 6,000 (12,000) 10 x 20 (40)
Plate starting material min	mm in		220 x 500 8 x 20	
Plate thickness, starting material	mm in		6 - 100 1/4 - 4	
Machining unit				1/2
Speed max	rpm		3,500 (5,150)	
Torque max	Nm lb·ft		544 (368) 402 (271)	
Spindle drive power	kW hrp		34.5 46	
Spindle feed	mm/min in/min		0 - 2,000 0 - 78	
Machining unit - positioning - rapid traverse	m/min ft/min		24 78	
Material transport speed	m/min ft/min		30 98	
Tool changer x magazine places			1/2 x 14	
Drill type			HSS, carbide, solid carbide	
Cooling			internal + external	
Drill diameter range	mm in		6.8 - 50 1/4 - 2	
Thread diameter range	mm in		M8 - M30 5/16 - 1 1/8	

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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