



KOIKE's specialized marking machine.

KAMS

KOIKE Auto Marking System (KAMS) is a specialized marking machine created for users that perform various marking work.

Overview

Marking can be performed by a thermal spray marking device or ink jet dot marker. Compared to the combined marking/cutting machine, the cutting time is improved significantly, leading to an overall improvement in the productivity.

In addition, multiple marking heads can be mounted in the printing system, leading the high speed printing of characters/graphics on the entire material surface by repeating a back-and-forth motion.

Feature

- Cutting efficiency is significantly improved, compared to the combined marking/cutting machine.
- High speed marking up to 48m/min. is possible due to the light weight marking device.
- Manual marking error are eliminated.
- For the entire surface printing the amount of information filled in is remarkably increased.
- Maximum printing size of 48x36mm. (PJ-1B-0 Type)



KAMS - Main Specification

Machine Structure	Gantry Bridge / Single Side Drive
Drive System	Rack and Pinion
Rail Span	4000~6500mm (Increments of 500mm)
Total Rail Length	4800×Nmm
Rail Weight	37kg/m
Maximum Marking Speed	48000mm/min
Input Power Supply	Three-phase 200/220V 50/60Hz
Character Type (PJ-1B)	Alphanumeric / Katakana / Symbols (27 symbols)
Max. Character Size (W×H)	48×72mm (PJ-1B-0)
Printable Surface Treatment	Black Scale / Zinc Primer / Wash Primer



Piercing Hole Drill Specialized Machine

ADS

Auto Drilling System is a CNC drilling machine specialized in piercing holes where cutting is necessary.

ADS - Main Specification

Machine Structure	Gantry Bridge / Single Side Drive	
Drive System	Rack and Pinion	
Rail Span	4000~6500mm (increments of 500mm)	
Total Rail Length	4800×Nmm	
Rail Weight	37kg/m	
Max. Rapid Traverse Speed	12000mm/min	
Input Power Supply	Three-phase 200/220V 50/60Hz	
Max. Processing Thickness	200mm (Mild Steel)	
Hole Diameter	10mm	
Machining Time	Thickness 100mm	Approximately 50 seconds
	Thickness 150mm	Approximately 70 seconds

※ Please contact us for some specifications outside of the stated range.
 ※ Processing time is the estimated time of mounted center mist drill unit.



Overview

Replacing the Gas/Plasma Piercing by the Drilling, the piercing failures can be eliminated. The total processing time till the cutting completion can be shortened. In addition, thick plate piercing process by gas which requires skilled technology have been simplified, and it is also lead to increase the life time of nozzle and cutting tip.

Feature

- Cutting efficiency is significantly improved, compared to the combined drill/cutting machine.
- Structure for specialized machine is simple and the easy to handling.
- Machine and drill unit for plate thickness up to 600mm is an option.
- Durability and processing quality of drill is stable by combining to the drill dedicated cutting table.