

**CATALOGUE FOR
PLASMA CUTTING MACHINES
GENERAL MILD STEEL**



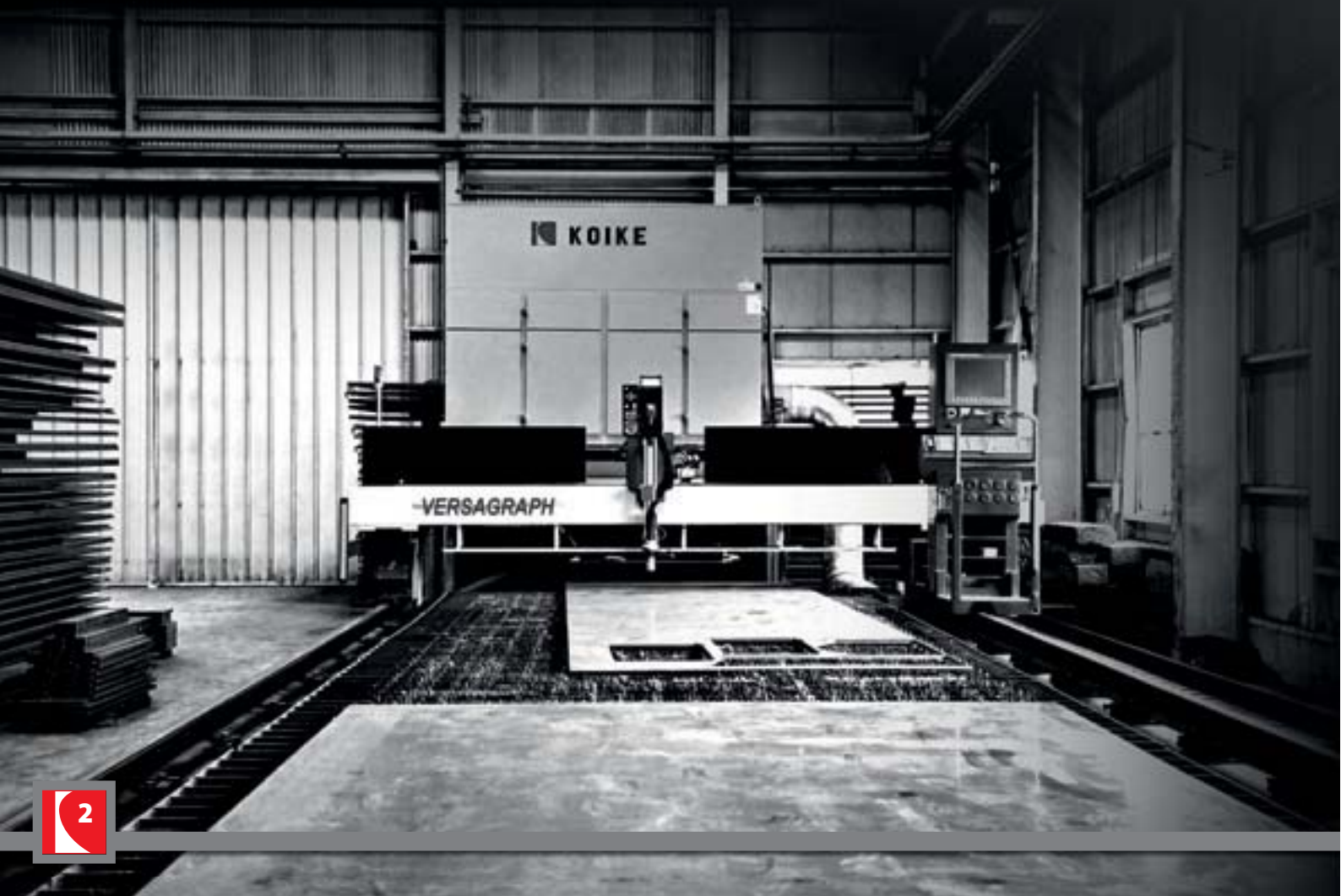
 **KOIKE**

WORLD LEADER IN CUTTING FROM JAPAN

KOIKE PLASMA CUTTING MACHINE SERIES

**FASTER THAN ANY OTHER MACHINES,
FOR GREATER PRODUCTION EFFICIENCY**

KOIKE's "Z Series" plasma cutting machines provide high-speed operation, fast position control and quick action. Their high-speed capabilities are maximized by the enhanced performance of small, subtle movements to signal response speed in order to increase productivity.





SUPERGRAPH VERSAGRAPH

**MYNUC
MAXIGRAPH
SUPERGRAPH 130
SUPERGRAPH 260**

WORLD'S FASTEST HIGH-SPEED PLASMA CUTTING MACHINE

SUPERGRAPH



400/600ZX

HIGH PRODUCTIVITY PLASMA CUTTING MACHINE COMBINING HIGH-SPEED MOVEMENT AND HIGH QUALITY CUTTING

RAIL SPAN: 4.0 - 6.25M
EFFECTIVE CUTTING WIDTH: 3.1 - 5.5M



Smoke control table for the stand-alone dust collector model is optional (see p. 15)

- ★ The new SUPERGRAPH cutting machine integrates the new SUPER-600PLUS plasma system, the new FANUC300i NC controller, and the lightweight 3D-Link bevel cutting block to achieve shorter processing time and higher productivity.
- ★ All operations of plasma cutting machines were reviewed in order to maximize the intrinsic high-speed cutting capability of plasma cutting machines to shorten production time.

Functions and performance

- SUPERGRAPH-Z and SUPERGRAPH-ZX (3D-Link bevel cutting)
- ★ Travel speed: Max. 48m/min (conventional products: 18m/min)
- ★ Marking speed: Max. 36m/min (conventional products: 18m/min)
- ★ Torch up/down speed: Max. 20m/min (conventional products: 6m/min.)
- ★ Piercing time: 4sec (when I-cutting) (conventional products: 6sec)

SUPERGRAPH-ZX (3D-Link bevel cutting)

- ★ Rotating speed: 60rpm (conventional products: 45rpm)
- ★ Angle setting speed: 100deg/sec (conventional products: 45deg/sec)
- ★ Piercing time: 6sec (when bevel cutting) (conventional products: 7.5sec)

SPECIFICATIONS	SUPERGRAPH-Z/SUPERGRAPH-ZX
Machine structure	Gantry style, dual side drive
Control panel	Right-hand use (left-hand use is optional)
Drive system	Rack and pinion
Rail span	4.0m/4.5m/5.0m/5.5m/6.0m/6.5m
Effective cutting range	3.1m/3.6m/4.1m/4.6m/5.0m/5.5m
Cutting speed	6m/min
Travel speed (horizontal)	45m/min
Travel speed (vertical)	48m/min
Marking speed	36m/min
Rotating speed	60rpm (using 3D Link)
Carriage vertical movement speed	20m/min
CNC unit	FANUC-310i 15" color LCD/FANUC-300i 15" color LCD
Memory	1,280m
Number of programs	1,000
Rail	37 kg/m (with CP15 rack) 15m (basic specification)
Power supply voltage	Three-phase 200V/220V 50Hz/60Hz
Installed plasma system	HPR260/SUPER400PLUS/SUPER600PLUS



I-cutting specification



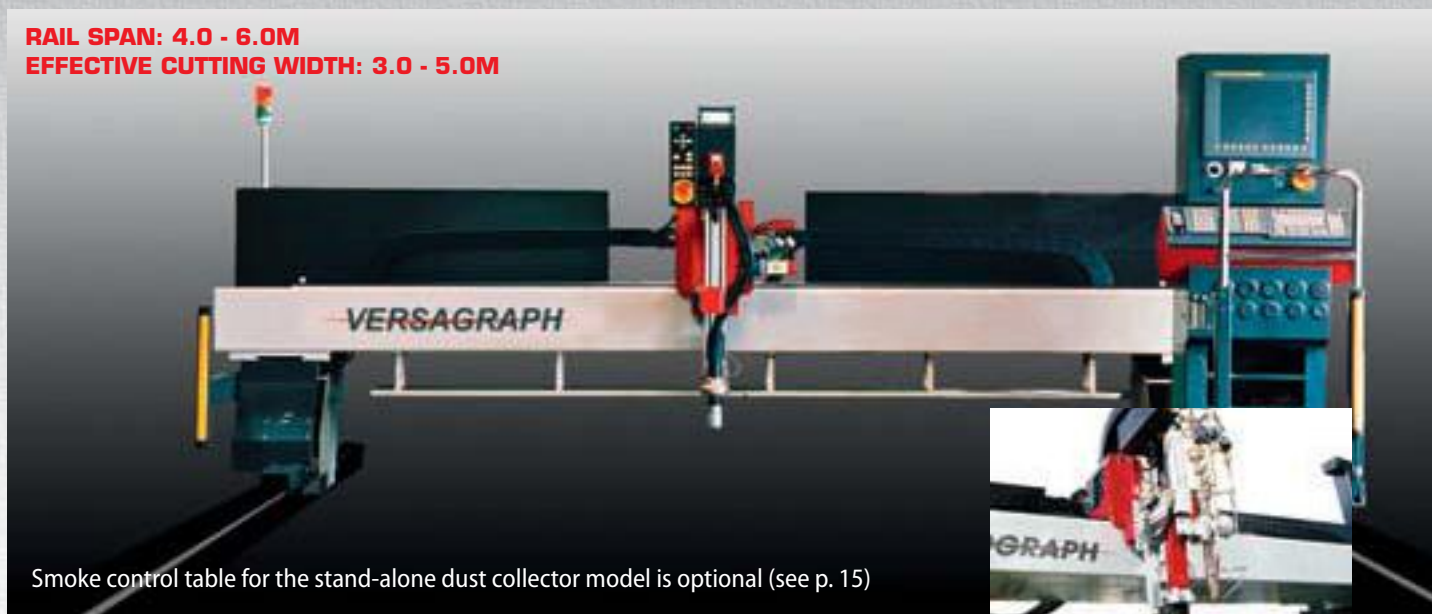
New 3D-Link for up to 45° bevel cutting

VERSAGRAPH



MULTI-FUNCTIONAL, HIGH-SPEED AND HIGH-PERFORMANCE CNC CUTTING MACHINE CAPABLE OF PROCESSING THIN TO THICK PLATES

RAIL SPAN: 4.0 - 6.0M
EFFECTIVE CUTTING WIDTH: 3.0 - 5.0M



Smoke control table for the stand-alone dust collector model is optional (see p. 15)

- ★ Plasma-only machine (Z Series)
- ★ A well-balanced frame featuring the conventional gantry-style structure, dual side rack and pinion drive, precision rails, and a vertical drive mechanism having a low center of gravity ensure constant high-response performance and smooth, high-accuracy and high-speed operation.

Functions and performance

- ★ Rapid traverse speed Vertical: Max. 27m/min (conventional products: 18m/min)
Horizontal: Max. 36m/min (conventional products: 18m/min)
- ★ Marking speed: Max. 24m/min (conventional products: 18m/min)
- ★ Torch up/down speed: Max. 20m/min (conventional products: 18m/min)
- ★ Piercing time (vertical): Max. 4sec (conventional products: 6sec)



I-cutting specification with machine-mounted marking torch



Optional 3D-Link for bevel cutting can be attached

SPECIFICATIONS	VERSAGRAPH-Z (PLASMA-ONLY)	VERSAGRAPH-Z (GAS & PLASMA MACHINE)
Machine structure	Gantry style, dual side drive	Gantry style, dual side drive
Control panel	Right-hand use (left-hand use is optional)	Right-hand use (left-hand use is optional)
Drive system	Rack and pinion	Rack and pinion
Rail span	4.0m/4.5m/5.0m/5.5m/6.0m	4.0m/4.5m/5.0m/5.5m/6.0m
Effective cutting range	Rail span -1m	Rail span -1m
Rail	37 kg/m	37 kg/m
Effective cutting length	Rail length - 3m (standard: 15m)	Rail length - 3m (standard: 15m)
Torch support	-	Steel belt connected type or square bar type (gas portion)
Max. cutting speed	6m/min	6m/min (plasma cutting)
Marking speed	24m/min	24m/min
Rapid traverse speed	36m/min	18m/min
CNC unit	FANUC-310i (FANUC-300i for 3D bevel specification)	FANUC-310i (FANUC-300i for 3D bevel specification)
Number of torches	-	8 sets (steel belt connected type) / 10 sets (square bar type)
Min. torch interval	-	125mm
Pre-heat gas control	-	Hi-Low pre-heat gas control system
Gas cutting plate thickness	-	6-100mm (50mm when 8 sets /10 sets are used simultaneously)
Power supply voltage	200V/220V 50Hz/60Hz	200V/220V 50Hz/60Hz
Installed plasma system	HPR130/HPR260/SUPER400PLUS/SUPER600PLUS	HPR130/HPR260/SUPER400PLUS/SUPER600PLUS

LARGE-SCALE, HIGH-SPEED, HIGH-ACCURACY GAS CUTTING MACHINE

MYNUC P1



LARGE-SCALE NC CUTTING MACHINE CAPABLE OF HANDLING VARIOUS APPLICATIONS

RAIL SPAN: 4.5 - 10.0M
EFFECTIVE CUTTING WIDTH: 3.5 - 9.0M



Smoke control table for the stand-alone dust collector model is optional (see p. 15)

High-speed plasma 1 carriage specification with stand-alone dust collector

- ★ Rapid traverse speed: 54m/min (conventional products: 24m/min)
- ★ Marking speed: 36m/min (conventional products: 24m/min)
- ★ Torch vertical movement speed: 20m/min (conventional products: 6m/min)



Optional 3D-Link can be attached

Bevel cutting unit specification

- ★ Rotating speed: 60rpm (conventional products: 45rpm)
- ★ Angle setting: 100deg/sec (conventional products: 45deg/sec)

With on-board dust collector

- ★ Rapid traverse speed: 36m/min (conventional products: 24m/min)
- ★ Marking speed: 36m/min (conventional products: 24m/min)
- ★ Torch vertical movement speed: 20m/min (conventional products: 6m/min)

- ★ The MYNUC is a large-scale plasma cutting machine with the largest cutting range.

- ★ The large-span rail can cut widths up to 9m.
- ★ It is being used mainly in shipyards and other sites where large-plate cutting is needed.
- ★ The wide-span frame allows long-term stable operations as well as stabilizes the entire machine.
- ★ A wide range of options are available to handle various requirements.



Stand-alone dust collector for 10m rail span

SPECIFICATIONS	MYNUC-P1Z (STAND-ALONE DUST COLLECTOR)	MYNUC-P1Z (ON-BOARD DUST COLLECTOR)
Machine structure	Gantry style, dual side drive	Gantry style, dual side drive
Control panel	Right-hand use (left-hand use is optional)	Right-hand use (left-hand use is optional)
Drive system	Rack and pinion	Rack and pinion
Rail span	4.5/5.0/5.5/6.0/6.5/7.0/7.5/8.0/8.5/9.0/9.5/10.0m	4.5/5.0/5.5/6.0/6.5/7.0/7.5/8.0/8.5/9.0/9.5/10.0m
Effective cutting range	Rail span - 1.0m	Rail span - 1.0m
Cutting speed	6m/min	6m/min
Max. marking speed	36m/min	36m/min
Rapid traverse speed	54m/min	36m/min
CNC unit	FANUC-310i 15" color LCD/FANUC-300i 15" color LCD	FANUC-310i 15" color LCD/FANUC-300i 15" color LCD
Memory	1,280m (basic specification)	1,280m (basic specification)
Number of programs	1,000	1,000
Rail	37kg/m (with CP15 rack), 15m (basic specification)	37kg/m (with CP15 rack), 15m (basic specification)
Power supply voltage	Three-phase 200V/220V 50Hz/60Hz	Three-phase 200V/220V 50Hz/60Hz
Installed plasma system	HPR260/SUPER400PLUS/SUPER600PLUS	HPR260/SUPER400PLUS/SUPER600PLUS

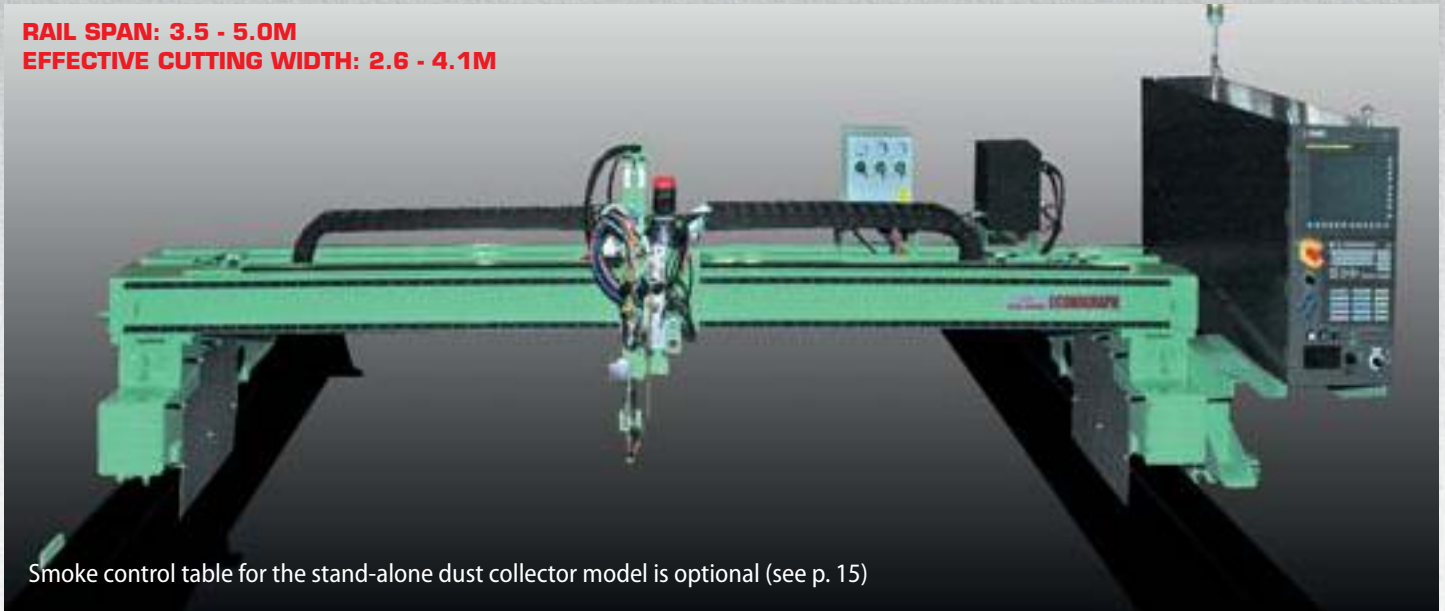
SPACE-SAVING MULTI-PURPOSE CUTTING MACHINE

MAXIGRAPH



HIGH-ACCURACY NC CUTTING MACHINE FEATURING DUAL SIDE DRIVE AND HIGH-PRECISION FANUC NC

RAIL SPAN: 3.5 - 5.0M
EFFECTIVE CUTTING WIDTH: 2.6 - 4.1M

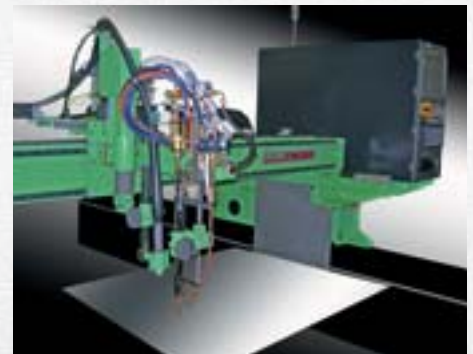


Smoke control table for the stand-alone dust collector model is optional (see p. 15)

- ★ Standard cutting machine for gas and plasma cutting
- ★ Dual side drive ensures high-speed, high-quality cutting.
- ★ The on-board K-310i NC controller also includes a pattern entry function that makes on-the-spot program creation possible.
- ★ It has a compact machine frame allowing for installation in a small footprint.
- ★ HPR-130 and HPR-260 plasmas are options.



The control panel also features a compact design



The image shows a plasma + marking torch specification

SPECIFICATIONS	MAXIGRAPH
Machine structure	Gantry style, dual side drive
Control panel	Right-hand use (left-hand use is optional)
Drive system	Rack and pinion
Rail span	3.5m/4.0m/4.5m/5.0m
Effective cutting range	Rail span - 0.9m
Rail	22 kg/m
Effective cutting length	Rail length - 1.75m
Torch support	Steel belt connected type
Max. cutting speed	6m/min
Marking speed	15m/min
Rapid traverse speed	15m/min
CNC unit	FANUC K-310i
Number of torches (gas cutting)	8 sets (steel belt connected type)
Min. torch interval (gas cutting)	125mm
Pre-heat gas control	Hi-Low pre-heat gas control system (gas cutting)
Power supply voltage	200V/220V 50Hz/60Hz
Installed plasma system	HPR130/HPR260



SMALL CUTTING MACHINE WITH UNITIZED TABLE

SUPERGRAPH 130/260

RAIL SPAN: 2.2 OR 2.75M (TYPE C)
EFFECTIVE CUTTING WIDTH: 1.52M (TYPE A) / 1.52 OR 2.15M (TYPE C)



The image shows a Type A table with a new forced ventilation fan

- ★ High-speed torch operation is guaranteed.
- ★ Mild steel, stainless steel and aluminum can be cut within a WES1 grade perpendicularity of 1.5°.

Also available with gantry-style, dual side drive separate table (Type C)



UNITIZED TABLE CUTTING MACHINE FOR HIGH-QUALITY CUTTING



Dust collector with damper



Compact design with unitized rail mount and table



SPECIFICATIONS	SUPERGRAPH 130/260 (TYPE A)	SUPERGRAPH 130/260 (TYPE C)
Machine structure	Gantry style, one side drive (right side)	Gantry style, dual side drive
Cutting table	Yes (standard unitized type)	No (rail for 22kg mount)
Width x length	Width 2.05m x length 4.3m	Width 2.20m (1) / 2.75m (2) x length in 3m increments
Effective cutting range	Width 1.525m x length 3.05m	Width 1.52m (1) / 2.15m (2) x rail length - 1.5m (max 6.1m)
Drive system	Rack and pinion	Rack and pinion
Cutting speed	0.1 - 6m/min	0.1 - 6m/min
Rapid traverse speed	25m/min	25m/min
CNC unit	FANUC-310i (stand-alone type)	FANUC-310i (stand-alone type)
Tracing unit	1 set	1 set
Plasma cutting unit	HPR130/HPR260	HPR130/HPR260
Dust collector	Air flow: 30 m ³ /min (nominal value)	Air flow: 30 m ³ /min (nominal value)
Power supply voltage	200V/220V 50Hz/60Hz	200V/220V 50Hz/60Hz
Paint color	Main unit: K38-141, table and mount: black	Main unit: K38-141, table and mount: black

NC AUTOMATIC PRINTING UNIT

KAMS SERIES

INTEGRATED WITH UNITEX
AND OTHER CUTTING MACHINES
IN SHIPBUILDING SITES TO
PROVIDE HIGH-ACCURACY
NC-CONTROLLED MARKING

RAIL SPAN: 3.5 - 5.0M
EFFECTIVE CUTTING WIDTH: 2.6 - 4.1M



Image shows a model with separate control panel

- ★ This dedicated machine is compatible with a metal powder spray line marking system and printing unit.
- ★ An NC controller controls information on steel plate materials to provide high-efficiency, high-accuracy marking.
- ★ The marking torch has an up/down stroke of 200mm and is capable of operating at a maximum speed of 6,000mm/min.
- ★ Equipped with a marking torch automatic ignition device, fire detecting function, and a powder clogging detecting function.

- ★ An air blow nozzle prevents the marking torch from leaving residual powder lines.



Printing specification

- (1) Character size (height x width)
 - a) PJ1B type 0
 - 1) 21 x 23 (7 x 5 dots)
 - 2) 36 x 36 (12 x 8 dots)
 - 3) 48 x 48 (16 x 12 dots)
 - b) PJ1B type 2
 - 1) 21 x 23 (7 x 5 dots)
 - 2) 16 x 17 (12 x 8 dots)
 - 3) 21 x 24 (16 x 12 dots)
- (2) Printing distance (height)
 - a) PJ1B type 0 : 20mm from relevant surface to nozzle tip
 - b) PJ1B type 2 : 10mm from relevant surface to nozzle tip
- (3) Character color : White
- (4) Character type
 - a) Alphabet : 26 characters from A to Z
 - b) Numerals : 10 numbers from 0 to 9
 - c) Symbols : 27 symbols
 - d) Katakana (extended character registration) :
 - ア to ヨ, voiced sound mark, semi-voiced sound mark
 - e) Special characters (extended character registration) : Up to 100 characters, including katakana characters, can be registered (optional)
- (5) Max. characters printed per command : Approx. 200-250 characters (incl. spaces)
- (6) Printing memory : 512 bytes (incl. control codes)
- (7) Printing speed : 20,000 mm/min
- (8) Paint drying time : Dry to touch in 50-70 sec (depending on temperature and humidity)

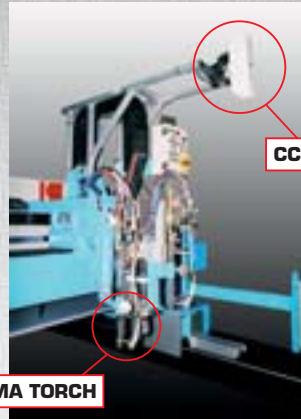
SPECIFICATIONS	MAXIGRAPH
Main unit structure	Gantry style, dual side drive
Control panel	Stand-alone type
Drive system	Rack and pinion
Rail span	4.0m/4.5m/5.0m/5.5m/6.0m/6.5m
Total rail length	Extendable in 3m increments
Rail span	37kg/m
Printing range	Effective width: Rail span - 0.7m Effective length: Total rail length - 2m
NC unit	FANUC-310i/FUNUC-300i, etc.
Markable material	Mild steel, high-tension steel
Markable surface treatment	Zinc primer, wash primer
Markable plate thickness	2.3mm to 30mm
Marking speed (on white)	24m/min
Marking speed (on blue)	18m/min
Printing speed	20m/min
Rapid traverse speed	24m/min
Power supply voltage	200V/220V 50Hz/60Hz
Installed plasma system	HPR130/HPR260



Printing sample

NAVIGATION SYSTEM

A SYSTEM THAT RECOGNIZES THE SIZE AND SHAPE OF REMNANT PLATES TO CUT PRODUCT PARTS



The image shows a navigation system mounted on a gas & plasma cutting machine. Combinations with various other cutting machines are possible as required

- ★ This innovative navigation system allows for the cutting of product parts from remnant plates.
- ★ A CCD camera takes a picture of the remnant plate, and a PC converts the dimensional information to digital data to allow automatic nesting of product parts/ shapes.
- ★ Cutting begins simply with a press of the START button.
- ★ Increases in profits are achieved through yield improvement, elimination of remnant plates (nonperforming assets),

promotion of orders for small products and high-mix, small-lot products, and reduction of production stages.

- ★ The CCD camera is available in two types (machine-mounted and stand-alone) depending on the desired installation method.

Navigation system with stand-alone camera



Shooting area differs depending on where the camera is installed.

1. Machine-mounted camera: Shooting area 1m x 1.5m
2. Stand-alone camera: Shooting area 2.3m x 6.0m

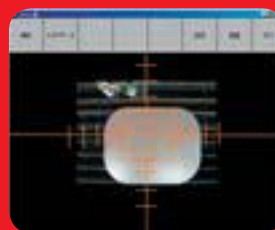
HOW THE NAVIGATION SYSTEM WORKS



1 A remnant plate is placed on the table



2 The CCD camera is started up



3 The CCD camera takes a picture of the remnant plate



4 The image is sent to the NC control panel or to the KAP (PC)



6 Cutting begins when the START button is pressed



5 A component (product) is automatically nest -> automated sequence



SUPER400PLUS

- ★ The service life of consumables is extended by approx. 50%.
- ★ Maximum 500A output enables 20% faster cutting speed of thick plate cutting.
- ★ Thick-plate cutting is now possible with a capacity to cut plates of up to 50mm (mild steel materials).
- ★ Digital control technology allows 'automatic current setting' and 'automatic flow setting' by NC data command, as well as 'optimum cutting.'



New torches are equipped with a solenoid valve for longer service life.

LEADING-EDGE SUPER600PLUS AND HIGH-RELIABILITY AND HIGH-PERFORMANCE SUPER400PLUS

SPECIFICATIONS	SUPER400PLUS
Power supply	KP-4054
Input power	200V/220V
Rated input	104kVA
Output current	400A
Usage rate	100%
Torch model	433-OPS,434V-OPS,434i-OPS
Cooling system	Cold water
Machine dimensions	W 750mm x D 1000mm x H 1200mm
Machine weight	350kg
Plasma gas	Mild steel: oxygen, stainless steel: nitrogen
Secondary gas	Mild steel: air, stainless steel: argon+hydrogen
Shield gas	Stainless steel: carbon dioxide + hydrogen



Improved cooling efficiency allows longer service life of the new nozzle. The new electrodes increase work efficiency, because no tools are needed to replace parts.

HPR130/HPR260

- ★ A 4-stage current setting function and various other setting functions ensure high-quality cutting of a broad range of plate thicknesses, from thin to thick mild steel and stainless steel plates.
- ★ Operation is extremely simple when combined with KOIKE's NC controller.
- ★ The extended service life of consumables reduces running cost.
- ★ An even more stable cutting performance and longer service life of consumables have been achieved thanks to the electrode service life detector.
- ★ An optional punch marker is also available.



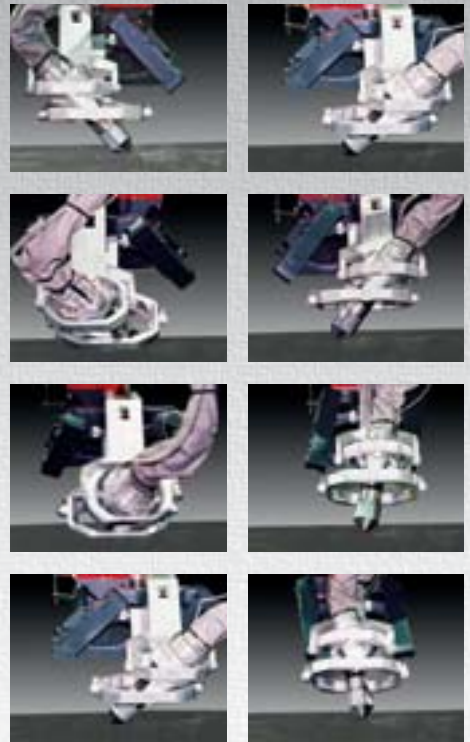
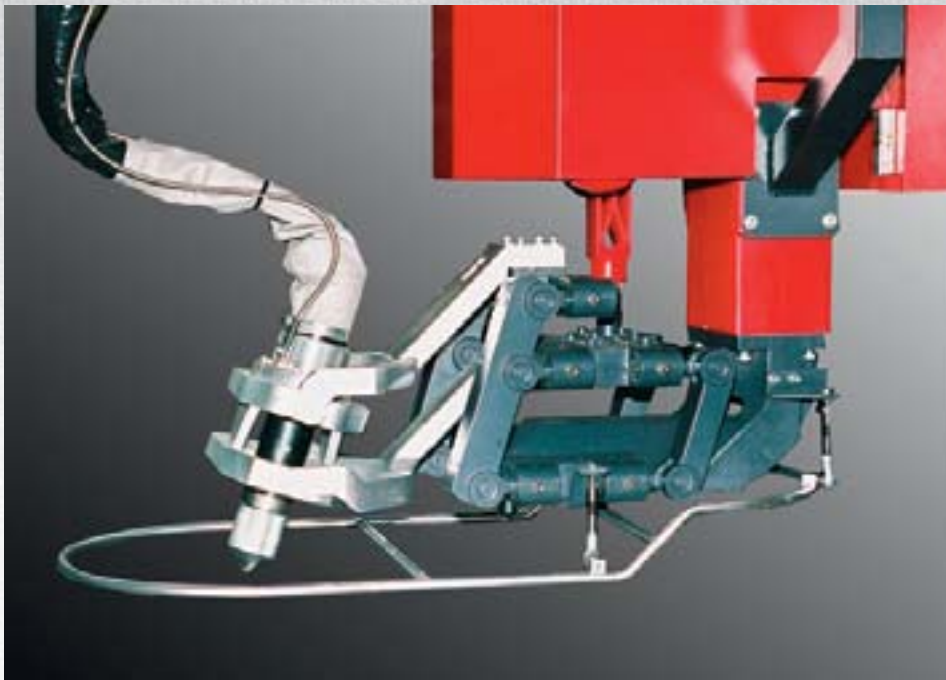
PRECISION CUTTING OF THIN TO THICK PLATES

SPECIFICATIONS	HPR130	HPR260
Max. output	130A	260A
Input voltage	Standard 200VAC, 3-phase 50 Hz	Standard 200V/220V 50/60 kHz
No-load voltage	311VDC	311VDC
Usage rate (Duty Cycle)	100%	100%
Applicable gas	Mild steel materials: oxygen + air SUS materials: 35% hydrogen + 65% argon 5% hydrogen + 95% nitrogen	Mild steel materials: oxygen + air SUS materials: 35% hydrogen + 65% argon 5% hydrogen + 95% nitrogen
Gas supply pressure	-	0.83Mpa
Cutting plate thickness	1.6mm-16mm	3.2mm-25mm (32mm separable)
Weight	317.5kg	567kg
Dimensions	W 566.4mm x D 1079.5mm x H 967.7mm	W 820mm x D 1190mm x H 1150mm

NEW LIGHTWEIGHT BEVEL HEAD

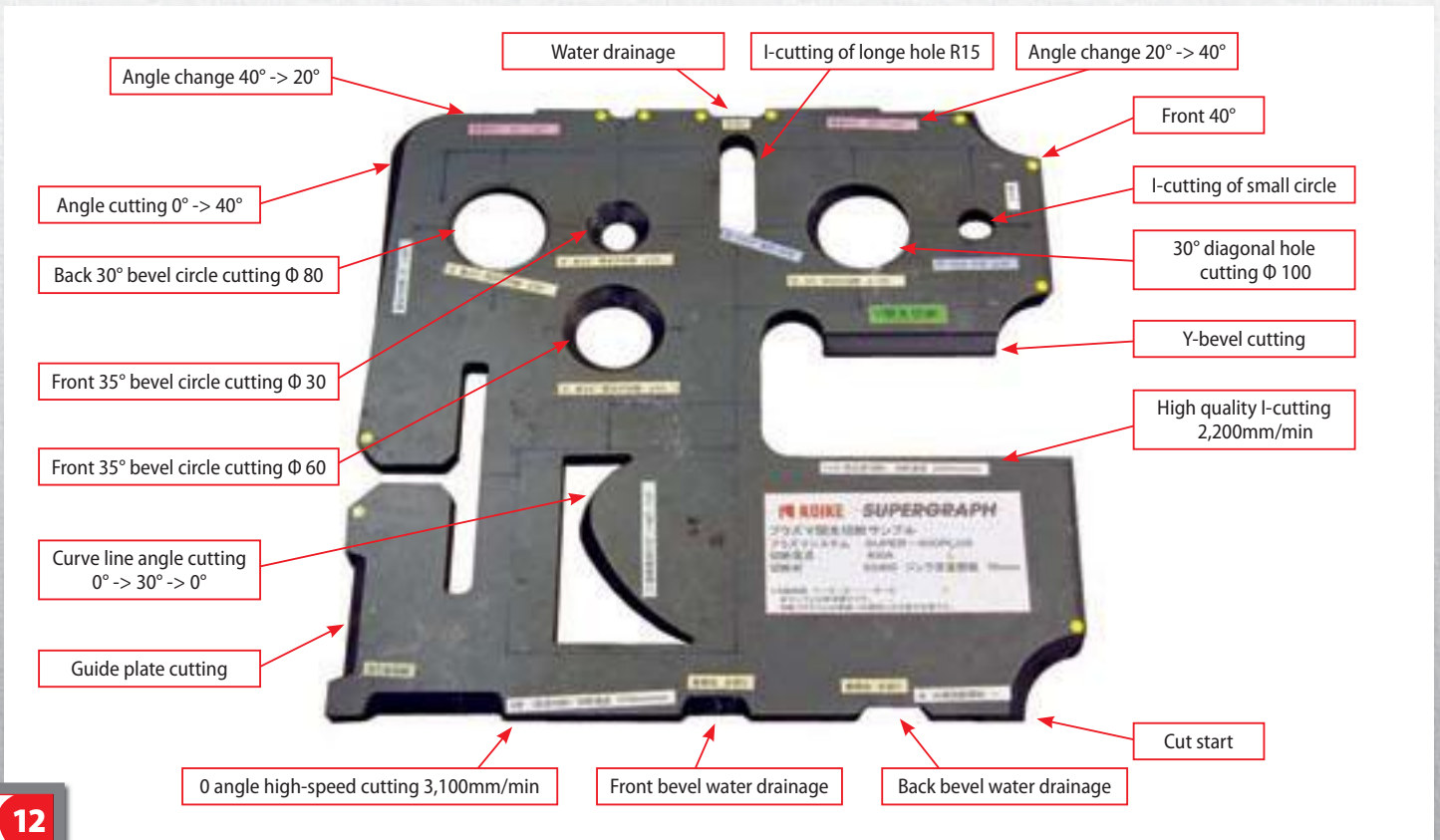
3D-LINK

- ★ The new 3D-Link bevel cutting block helps to set the torch angle for bevel cutting.
- ★ Angle setting speed and position control speed are twice as fast as conventional units. Moreover, complex shapes can be cut and total processing time can be shortened.
- ★ The travel distance needed to change the bevel angle has been shortened and the position control area in corners has been reduced, resulting in improved yield during cutting.



- ★ Rotating speed: 60rpm (conventional products: 45rpm)
- ★ Angle setting speed: 100deg/sec (conventional products: 45deg/sec)
- ★ Torch up / down speed: Max. 20m/min (conventional products: 6m/min)
- ★ Max. Inclination of 45° is guaranteed to ensure high-precision small-circle bevel cutting.

CUT SAMPLE - WHAT THE NEW 3D-LINK CAN DO



CUTTING SAMPLES BY POWER SUPPLY

SUPER400PLUS | CUTTING SAMPLES



SS400 12mm



SS400 12mm Y-bevel



SS400 32mm I-cut



SS400 zinc material 50mm

Cutting plate thickness range

Mild steel materials: 6mm - 36mm
SUS: 5mm - 50mm



SUS304 3mm



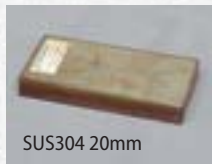
SUS304 5mm



SUS304 20mm



SUS304 10mm



SUS304 20mm



SUS304 30mm

SUPER600PLUS



Cutting plate thickness range

Mild steel materials:
High-quality cutting of
50mm-thick materials is
possible.

HPR260 | CUTTING SAMPLES



SS400 25mm



SS400 3.2mm



SUS304 30mm

Cutting plate thickness range

Mild steel materials: 3.2mm - 25mm
SUS: 6mm - 30mm

HPR130 | CUTTING SAMPLES



SS400 6mm



SS400 9mm



SUS304 10mm

Cutting plate thickness range

Mild steel materials: 1.2mm - 16mm
(max. recommended cutting value)
SUS: 1.5mm - 12mm

DR. ELEC III/V



Dr. ELEC III

- ★ Dr. ELEC III predicts the service life of electrodes by automatically calculating cutting current, piercing quantity and cutting time.
- ★ When an electrode reaches maximum life, the indicator screen shows '0%,' and a signal is automatically emitted to stop the cutting machine.

Dr. ELEC V

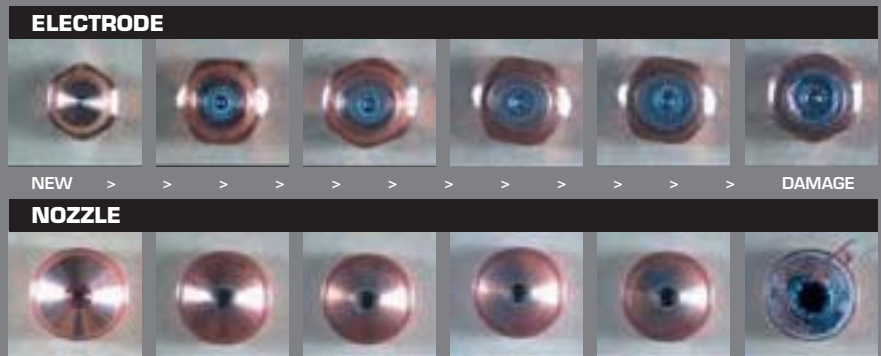
- ★ Dr. ELEC V is embedded inside the substrate.
- ★ In addition to monitoring electrode wear, Dr. ELEC V detects faulty contact and other irregularities.
- ★ When an abnormality is detected, a signal to stop the cutting machine is externally emitted to prevent defective cutting.

EQUIPMENT THAT ENHANCE CUTTING QUALITY AND EFFICIENCY

The service life of electrodes can be determined accurately in advance. Electrodes do not reach maximum service life during cutting, so high-quality cutting is guaranteed at all times.

60-second cycle endurance test

Cutting current: 400A / Plate thickness: 25mm / F500mm/min /
Cutting length: 500mm / Edge cutting height: 5mm



DR. ELEC AUTOMATICALLY DETECT THESE CHANGES

TORCH DECOUPLERS

PLASMA TORCH QUICK RELEASE MECHANISM

- ★ When the torch comes into contact with the steel plate, the magnet portion of the torch holder detaches to protect the torch from collision and prevent damage to the machine.
- ★ A sensor is activated when the holder detaches and the machine automatically stops. At the same time, an alarm is sounded to alert the operator.
- ★ The torch does not need to be re-centered or re-positioned, so it can be easily reattached allowing quick restarting of cutting work.
- ★ Decouplers are available for I-cutting and for 3D-Link bevel cutting.

The torch holder separates and protects the torch

The torch holder separates and protects the torch



WHEN USING 3D-LINK:

WHEN I-CUTTING:



MARKING TORCHES | FOR EVEN BETTER QUALITY WORK

HIGH-SPEED POWDER MARKING UNIT

- ★ The powder marking system is ideal for marking welding lines and curved processing lines on steel plates.
- ★ The unit was made lighter and more compact to achieve stable marking without clogging.
- ★ When integrated with a high-speed cutting machine, marking speed is improved to a maximum of 36m/min.



DUST COLLECTORS

STAND-ALONE DUST COLLECTOR



Belt duct and suction area

Push fan: a fan installed on the opposite side of the mouth of the dust collector sucks in fumes and improves dust collection efficiency.

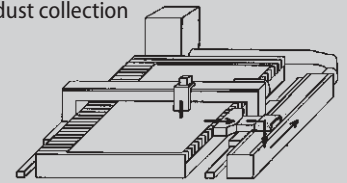


Dust collector

The stand-alone dust collector is available in two types:

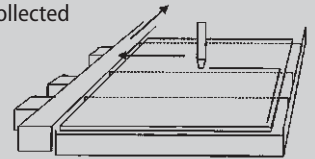
Belt-type dust collector

The down draft table is zoned into smaller cutting areas for more efficient dust collection



Damper switching dust collector

The cutting table is zoned into a number of blocks, and dust is collected per block



ON-BOARD DUST COLLECTOR

- ★ The work area can be expanded by installing the dust collector on the machine.
- ★ No gas duct is necessary, so very little installation space is needed.



Fan



Suction area



Fumes are sent to the on-board dust collector via a duct

KOIKE SANSO KOGYO CO., LTD.

Machinery Sales Div. / Overseas Div.
3-1, Shinden 2-chome, Ichikawa-shi, Chiba, 272-0035 Japan
Tel: 81-47-376-3210 Fax: 81-47-376-1017
www.koikeox.co.jp

KOIKE ARONSON, INC.

635 West Main Street, Arcade, NY 14009 USA
Tel: 1-585-492-2400 Fax: 1-585-457-3517
www.koike.com

KOIKE EUROPE B.V.

Grote Tocht 19, 1507 CG, Zaandam Holland
Tel: +31-75-6127227 Fax: +31-75-6702271
www.koike.nl

KOIKE KOREA ENGINEERING CO., LTD.

1318-26, Daekwng-Dong, Kimchon-City, Kyoung Sangbuk-Do, Korea
Tel: 82-547-39-3711 Fax: 82-547-39-3713
www.koike.co.kr

KOIKE ENGINEERING TANGSHAN CO., LTD.

Xi Chang Road East side New & Hi-tech Development Zone, Tang Shan City,
Hebei Province, 063020, P.R. China
Tel: 86-135-317-3111 Fax: 86-135-317-3222
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CAUTION
*Before using our products,
be sure to read the supplied
operation manual to ensure
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