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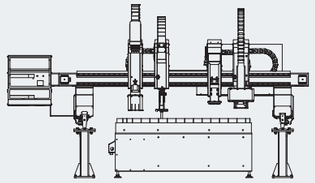

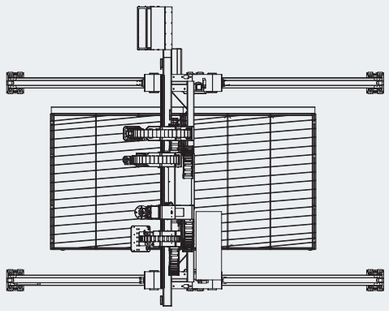

MODEL	JANTAR
Drives	Servo AC
Cutting width	1500, 2000, 2500, 3000 mm
Basic working length	Any length from 1500 mm
Positioning speed	25000 mm/min
Cutting thickness	to 100 mm
Cutting quality	DIN-EN ISO 9013
Positioning accuracy	DIN-EN 28206
Cutting table height	740-760 mm

ADDITIONAL EQUIPMENT

- Gantry extension
- Plasma marking
- Drilling
- Filtroventilation
- ESR System
- Punch marking
- Automatic pallet table

OXYGEN
PLASMA

ECKERT

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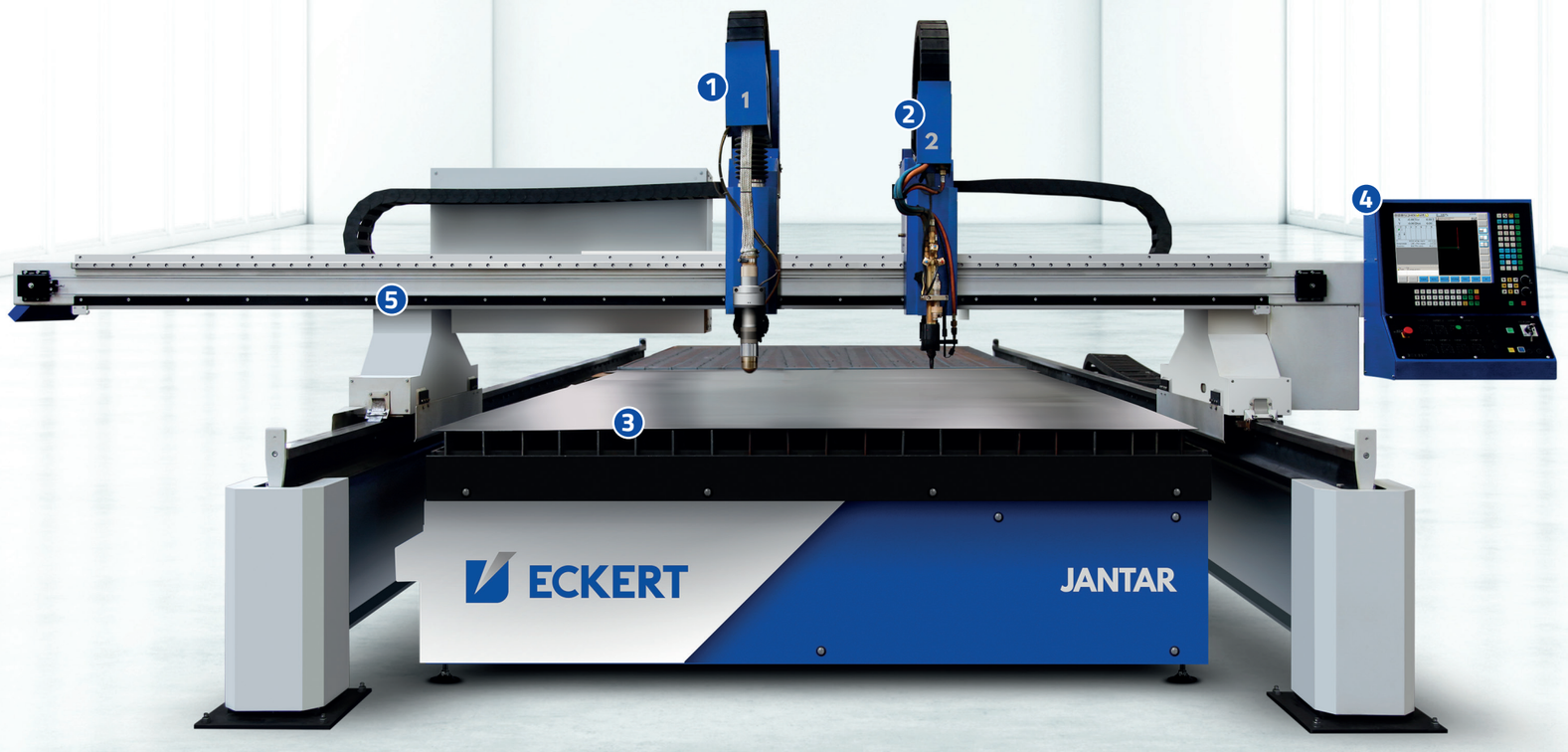
JANTAR

High speed, precision and versatility
The most popular plasma and oxygen cutting machine

OXYGEN
PLASMA

JANTAR



CHARACTERISTICS

Jantar is the most chosen model among all the Eckert's machines, because of it's dynamics and cost effectiveness. Jantar is used by several hundred large and small companies in whole Europe that pursuit unsurpassed performance and low working costs.

Jantar cutting machine can be equipped with plasma and oxygen system. Additionally its functionality can be improved by utilizing our wide range of additional equipment (plasma and punch marking, drilling and also tubes, pipes and profiles machining).

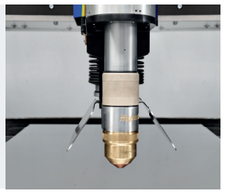
MAIN FEATURES

- Attractive price of richly equipped basic version
- Highly dynamic 2D precision cutting of sheets, tubes, pipes and profiles
- Capability of processing plates from 0,5 mm to 100 mm thickness
- Expanded base of predefined cutting parameters
- Unlimited possibility of increasing the length of the working area
- Individual customizing options

1

SUPPORT HD3000

Support HD3000 enables full utilisation of the state of the art plasma torches. Application of the ball screw gear and high torque servomotor is the unique drive and support leading in Z axes resolution, which allows for more dynamic and increased accuracy in the torch control. This guarantees the perfect distance between the cutting head and the material for maximum cutting quality. Support HD3000 is equipped with sensors: anti-collision, electrical/mechanical touch and height sensor. This allows using technologies such as: Contour Cut®, Contour Cut Speed®, Diameter Pro® and True Hole®.



2

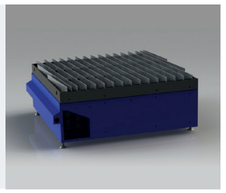
OXYGEN TORCH HARRIS

Oxygen torch is the cutting solution destined to cut structural low-carbon and low-alloy steel. It is capable of processing wide range of material thickness. The torch was fitted out the height sensor, automatic ignition and possibility of manual angle setting.

3

SUCTION TABLE

Modular section tables grant efficient elimination of dust during the cutting process. The cutting machine was implemented with the self-supporting construction as the base for the frame with replaceable grids. Such construction offers safe and the best possible safety and performance of the table. The cutting table is provided with intelligent system of dust discharge from the cutting area. Each segment consists of supporting structure with discharge channels, diagonal gird, scrap tank and pneumatic controlled channels.



4

CNC CENTRE

ECS872 centre is a high quality industrial device, equipped with touch screen. Efficient components and construction resistant to extreme production conditions guarantee failure free operation. Unsurpassed functionality of proprietary software and intuitive drive interface enable full exploitation of the machine's capacity.

5

CONSTRUCTION

Gantry construction is based on welded steel beams which thanks to stress relief is characterised by high rigidity while maintaining relatively small mass. Applied construction solutions assure stability of the machine geometry which is not prone to maladjustment during large mass or thermal loads. This ensures high process safety also for three shift working companies.

STANDARD PLASMA POWER SUPPLIES

Hypertherm	Max piercing	Max from the edge
Powermax 65	10 mm	32 mm
Powermax 85	12 mm	38 mm
Powermax 105	16 mm	44 mm
MaxPRO 200	32 mm	75 mm
HPR 130 XD	25 mm	38 mm
HPR 260 XD	32 mm	64 mm

Kjellberg	Max piercing	Max from the edge
PA-S45W	20 mm	45 mm
HiFocus 80i	12 mm	25 mm
HiFocus 130	25 mm	40 mm
HiFocus 161i Neo	30 mm	50 mm
HiFocus 280i Neo	35 mm	70 mm
HiFocus 360i Neo	40 mm	80 mm

Thermal Dynamics	Max piercing	Max from the edge
UltraCut 100	15 mm	20 mm
UltraCut 200	40 mm	65 mm
UltraCut 300	45 mm	75 mm

Given data depends on the material involved and its structure.
The ability to pierce depends on the material, thickness and also height sensor, and drive.

Presented machine is supplied with additional equipment.