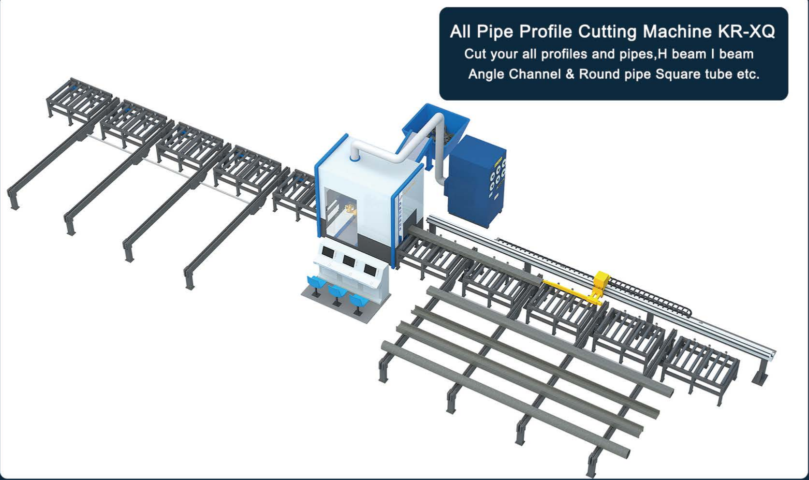
Pipe and Profile cutting expert

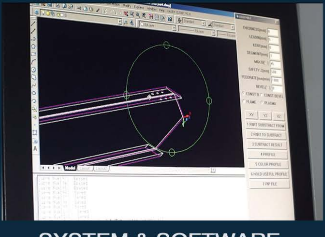


All Pipe Profile Cutting Machine KR-XQ

Cut your all profiles and pipes,H beam I beam
Angle Channel & Round pipe Square tube etc.

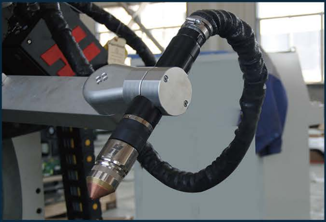
Hypertherm
XPR300

CUTTING UNIT


THICKNESS[mm]
LEADIN[mm]
KERF[mm]
SEGMENT[mm]
MAXBE
SAFETY Z[mm]
FEEDRATE[mm/min]
BEVEL
CONST B
CONST BEVEL
FLAME
PLASMA
XY
YZ
XZ
1 PART SUBSTRACT FROM
2 PART TO SUBTRACT
3 SUBTRACT RESULT
4 PROFILE
5 COLOR PROFILE
6 HOLD USEFUL PROFILE
7 PIP FILE
Model

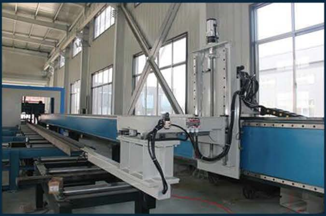
SYSTEM & SOFTWARE

- Strong,endurable,rigid, provides the most stable vibration free foundation for the cutting unit.
- Avoid crashes arm to operator and control unit



PLASMA TORCH+INTEG RATED LAYOUT CUTTING

- Hypertherm high definition cut systemClean cut



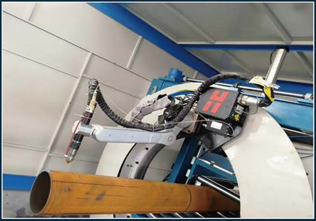
CONVEYOR LINER GUIDE + CLAMP

- Smart clamping, saving labor, Precision guide rail, rack, stable accuracy

FEEDING IN & FEEDING OUT CONVEYOR

- High strength material
- Chromium plating， increases strength， rust-proof， abrasion resistance

- Easy operation
- Intuitive three-dimensional imaging
- Dynamic cutting simulation
- Fast automatic positioning,
- pause and acceleration control



ROBOT CONTROL AXIS + ROTATING DISK

- Adopt high precision ETHERCAT bus connection
- Independent robot development, servo drive, good expansibility.

GRIPPER WITH RODENT SCRATCH

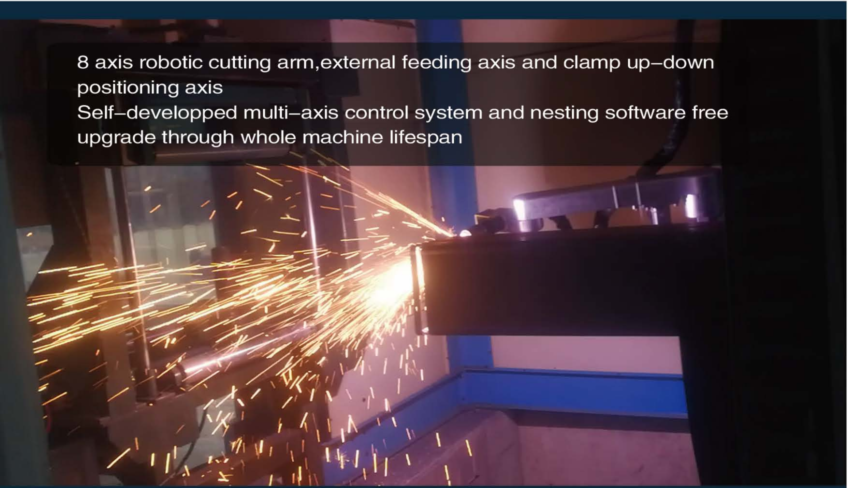
- Photoelectric induction switch
- Hold steel beam raw materials tightly, can tight clamp all profiles

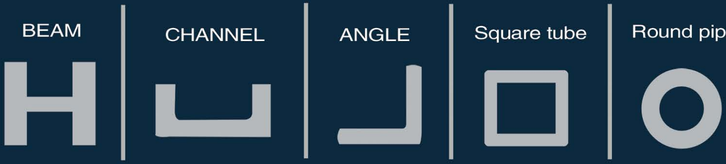
LOADING&UNLOADING CONVEYOR

- One time quantity fabric,reduce labor.
- Automatic hydraulic leveling with roller conveyors, precision fix position

8 axis robotic cutting arm,external feeding axis and clamp up–down positioning axis

Self–developped multi–axis control system and nesting software free upgrade through whole machine lifespan




BEAM
CHANNEL
ANGLE
Square tube
Round pipe

Machine specifications		360 profiles and pipes cutting line KR–XQ
Cutting size	Beam web width	600mm
	Beam flange height	600mm
	Angle steel	400mm
	Round pipe diameter	600mm
	Square/rectangular tube	400mm
Cutting Data	Cutting method	Plasma cutting / Oxy–fuel cutting
	Cutting speed	10 ~ 3500mm/min
	Moving speed	10 ~ 6000 mm/min
	Bevel angle	± 45°
	Cutting length deviation	± 1.5mm
Configurations	Industrial control computer	Advantech（Taiwan, China）
	Control system and software	KASRY（China）
	Servo drive motor	Panasonic servo (Japan)
	Plasma power supply	Hypertherm XPR300A (USA)
	Electric components	Schneider (France)

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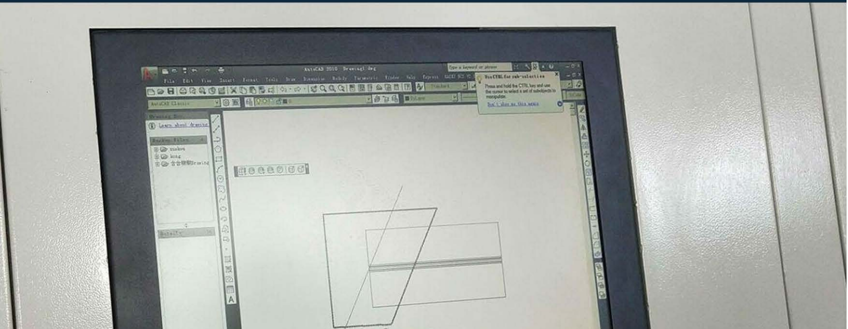
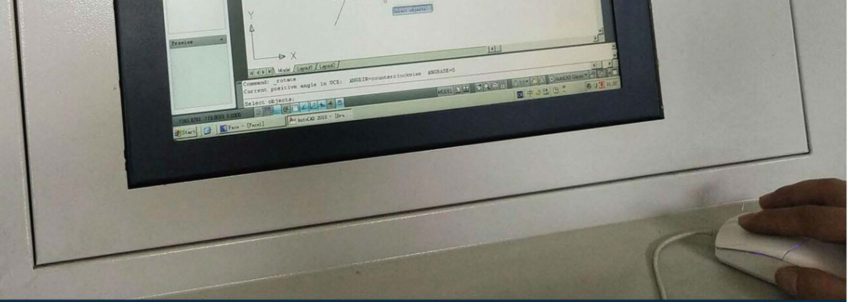
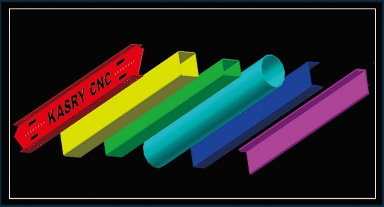
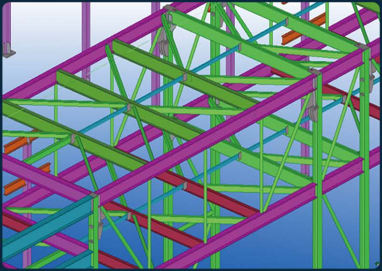
PowerPierce Technology
HyPerformance Plasma
HPR

the beam cutting machine adopt high performance plasma sytsem


AutoCAD 2010 Drawing1.dwg
File Edit View Insert Format Tools Draw Dimension Modify Parametric Window Help Express
AutoCAD Classic
Use CTRL for sub-selection
Press and hold the CTRL key and use the cursor to select a set of subobjects to manipulate.
Don't show me this again







Complex cutting process, Direct drawing any shapes, Direct cut as drawings,no teaching tracks.

- ◆ Good compatible software Support DSTV,TEKLA,AUTOCAD, 3d3s
- ◆The perfect Butt–lock between profiles, control weld seam to ensure product quality and appearance. Installation hole and threading process hole one–time processing.
- ◆Path automatic optimization processing
- ◆Batch code generation
- ◆Components automatic error correction
- ◆Material report statistics
- ◆Code lofting expansion
- ◆Processing file left and right replacement \ mirror \ split
- ◆Components nesting optimization
- ◆Support a variety of overlapping forms of bevel cutting

DO THE MACHINE RIGHT
GET THE WORLDS SIGHT

user site

user site

user site