

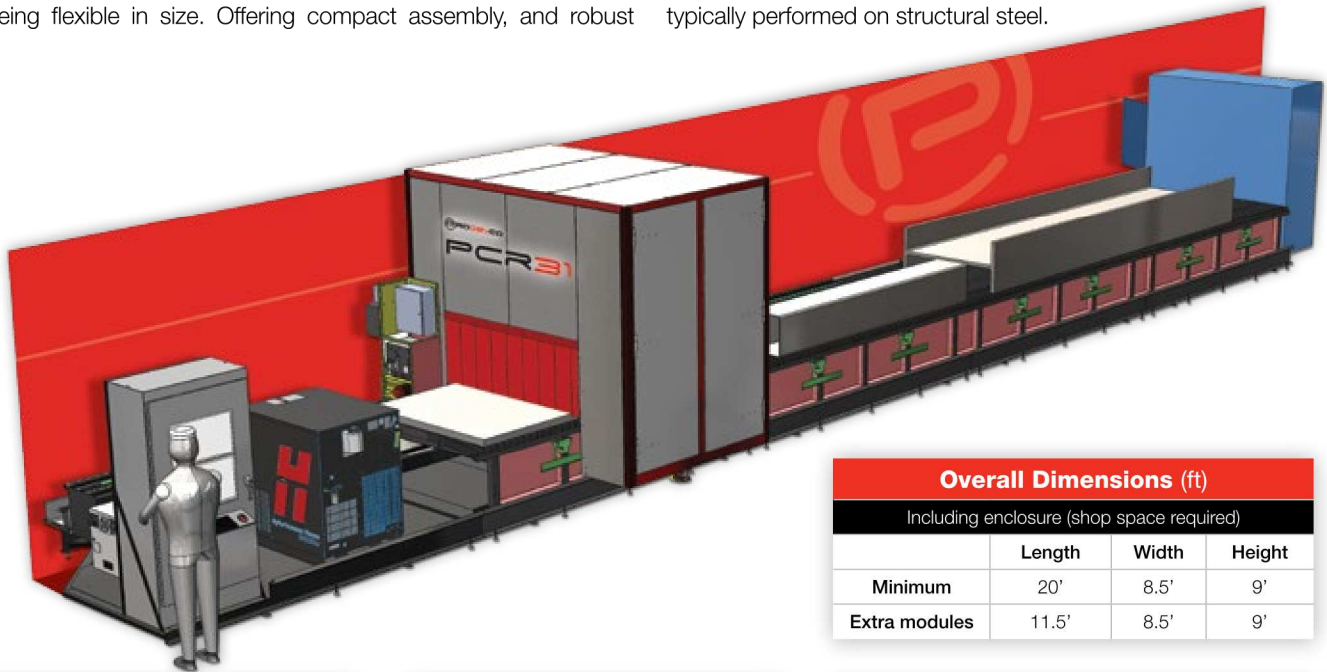
PCR31

Advanced Robotic
Plasma Steel Cutting

AN INNOVATIVE SOLUTION FOR YOUR STEEL

The PCR31 offers you the capability of cutting every kind of structural steel profile, including plate, in the same work space. Combining the latest plasma cutting technology with our latest software allows for multiple options and processes to run simultaneously. Our PCR31 increases productivity and quality while being flexible in size. Offering compact assembly, and robust

construction you will now have the capability of a beam coping machine combined with plate processing IN THE SAME WORK SPACE. With our software you will also save time and money working directly from supplied data* and even the most complex DSTV files. Plus the PCR31 automates ALL cutting operations typically performed on structural steel.



Overall Dimensions (ft)			
Including enclosure (shop space required)			
	Length	Width	Height
Minimum	20'	8.5'	9'
Extra modules	11.5'	8.5'	9'

Shapes Processed		
Shapes	Maximum (in)	
	Width	Height
H Beams	44"	22"
Channels	44"	16"
Angles	8"	8"
HSS	20"	16"
Plate (standard)	48"	1-1/2"
Plate (in option)	60"	1-1/2"
Table Weight Capacity	500 lb/linear ft	

Supported Operations
Holes and slots
Compound angle cuts
Welding preparation up to 45°
Beam splitting
Scribing, pop marks, letters, etc.
Bevel on plate

* Data Sources
DXF for plate, DSTV files from TEKLA, SDS/2, GRAITEC and other detailing software

Hypertherm HPR XD Plasma Cut Capability (in)			
Amperage	Dross free	Pierce	Edge Start
130	5/8"	1-1/4"	1-1/2"
260 (included)	1-1/4"	1-1/2"	2-1/2"
400	1-1/2"	2"	3.2"

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You are a structural steel fabricator?



Increase your productivity and quality

Get the all-in-one Prodevco PCR31

PCR31

How the PCR31 can help you and your customers



Versatility

Now you can work with H-beams, channels, angles, HSS and plate processing on the same system. Prepare slots, holes, copes and marking. Cut notches, holes and weld preps. Split beams, scribe and mark on **3 sides in one operation.**



Quality

The PCR31 can process plate up to 60 inch wide, with bevelling capability. Integrated torch height control keeps control of tip to plate distance at the optimum value. Automatic torch calibration ensures the precision of bevel cut.



Accuracy and Speed

Faster and more precise steel processing than traditional measuring methods, our 3D Vision System measures the actual dimensions of the raw materials and automatically compensates for any variation. The end results correspond exactly to the supplied DSTV file.

Simple to Use

Our software is developed in-house to process even the most complex DSTV files **generated by your detailing software.***



Productivity and Payback

You can nest several parts from a raw piece to **reduce handling and increase productivity.**



After Sales Service

We stand behind our products.

At Prodevco we are committed to delivering outstanding service.

Remote diagnostics

Our technicians can connect to your machine (via Internet). Cameras within the enclosure give our technicians eyes on capabilities.

Low Maintenance

Heavy duty construction of the PCR31 is adapted for the steel industry.

Watch it **in action!**
www.prodevcoind.com

Simplify
your shop