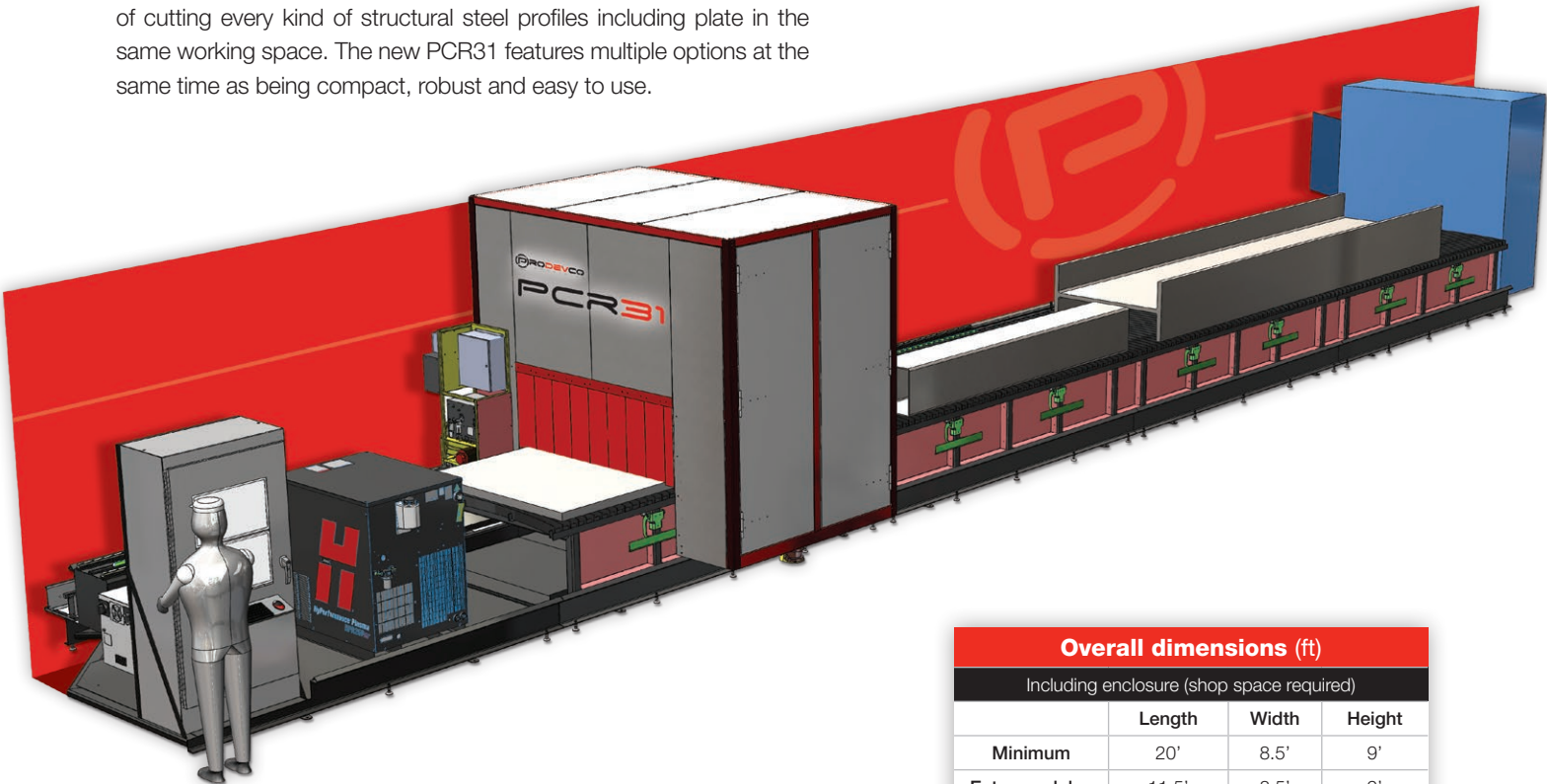


PCR31

Advanced Robotic
Plasma Steel Cutting

AN INNOVATIVE SOLUTION FOR YOUR STEEL

Using plasma cutting technology, the PCR31 offers you the capability of cutting every kind of structural steel profiles including plate in the same working space. The new PCR31 features multiple options at the same time as being compact, robust and easy to use.



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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