



Specialists in **3D profiling**

Having a hard time
finding craftsmen for your
miscellaneous steel?

**Your
solution
is here!**

 **RoboRail**

Finding the work is usually not the problem. But where to find the right people to fabricate it all? Good craftsmen are expensive and hard to find. Manual measurement is time consuming and error prone. On top of that all the work seems to come at the same time. What if you don't have to worry about that anymore?

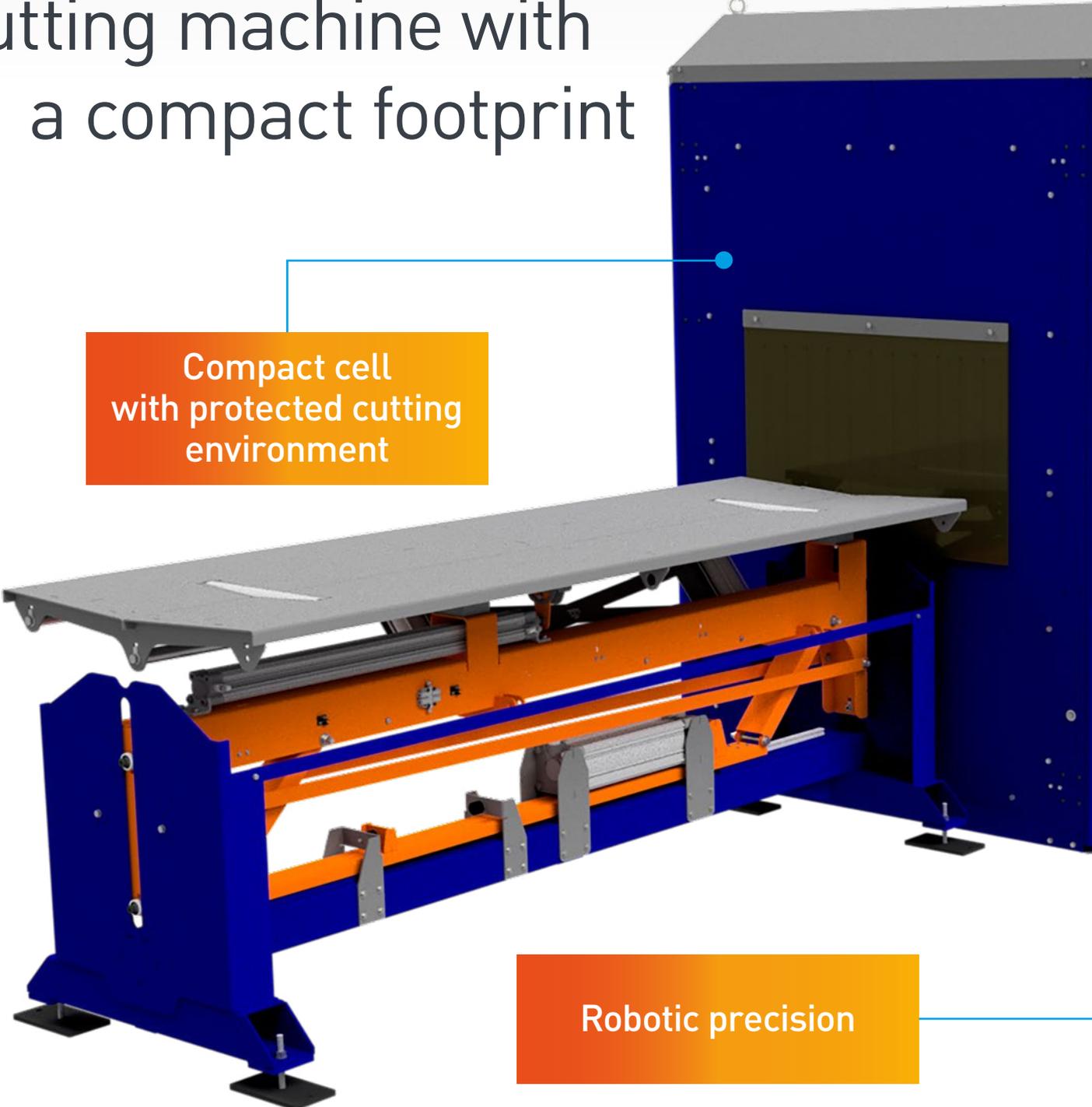


Robotic

Plasma processing for the
miscellaneous fabricator

RoboRail

The all-in-one robotic plasma cutting machine with a compact footprint

The image shows a RoboRail plasma cutting machine. It features a blue and orange frame with a grey cutting table. A blue protective cell is visible on the right side. A blue line connects the text 'Compact cell with protected cutting environment' to the protective cell. Another blue line connects the text 'Robotic precision' to the cutting mechanism.

Compact cell with protected cutting environment

Robotic precision

The new RoboRail will give you the more robust, reliable and flexible solution you have always been looking for. HGG is the world leader in 3D profiling technology and we have developed the new RoboRail in partnership with Automated Layout Technology, LLC. to process a vast range of material quickly and accurately to length: cuts, copes, holes, layout marking and more. Handrail pipe, stringer channels, box tubes and angles are processed with a state-of-the-art Stäubli robot and reliable Hypertherm plasma system.

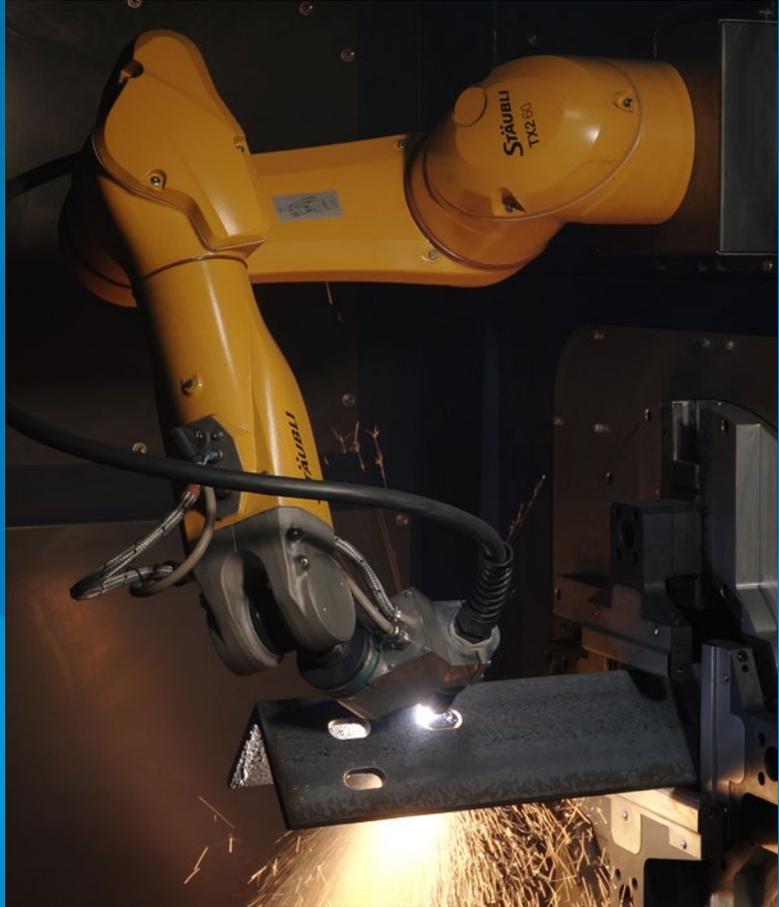


Stable heavy
duty machine base

RoboRail

Capability to handle everything

Let the RoboRail handle the smaller, more time-consuming work and let your more expensive machines do what they do best!



RoboRail Specifications	 *	 *					
> metric (mm)	25x25 200x200	DN 25 DN 250	50x38 280x95	25x25 200x200	3 15	7.315/ 12.500	400 Kg/ 550 Kg
> imperial (inch)	1x1 8x8	NPS 1 NPS 10	C 3x4.1 C 12x30	1x1 8x8	1/8 9/16	24' 41'	882 Lbs/ 1213 Lbs

* Infeed length/weight limited to 7.315 mm/400 Kg 24 ft/882 Lbs. Outfeed length is limited to 2.500 mm/8 ft.

The RoboRail will let you work with DSTV and STEP-files directly from CAD-systems like SDS/2, Tekla Structures, SolidWorks and Inventor. This will drastically reduce processing time and eliminates human error. With the RoboRail each and every piece can be different, and the machine will continue to process by reading files directly from your detailing. You can sit back and let the interface of the RoboRail guide you through the process.



RoboRail

Allows you to set
up your fabrication as
a lean manufacturer



MANUAL 



CHANNEL



 **32**
MIN!

 RoboRail



CHANNEL



 **4,5**
MIN!

MANUAL 



PIPE



 **5**
MIN!

 RoboRail



PIPE



 **30**
SEC!



“We now process all of our pipe, tubes, channels, and angles on a single system. It is truly an all-in-one system for processing all of our parts for stairs and

rails. In the past we relied on three machines which was less efficient for material handling and consumed valuable fabrication space. With the RoboRail, it is one stop processing!”

Steve Chasse, SL Chasse Steel



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