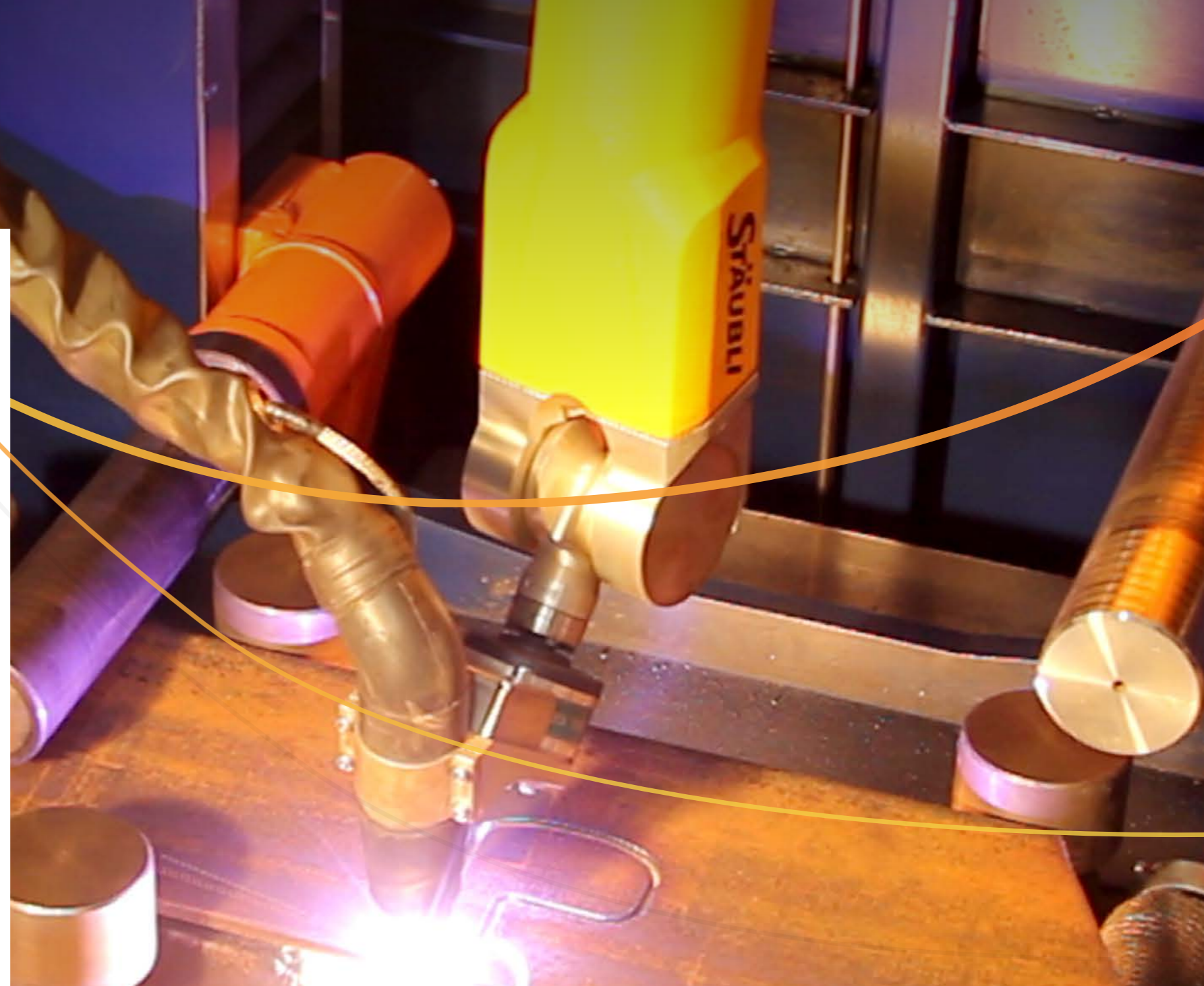
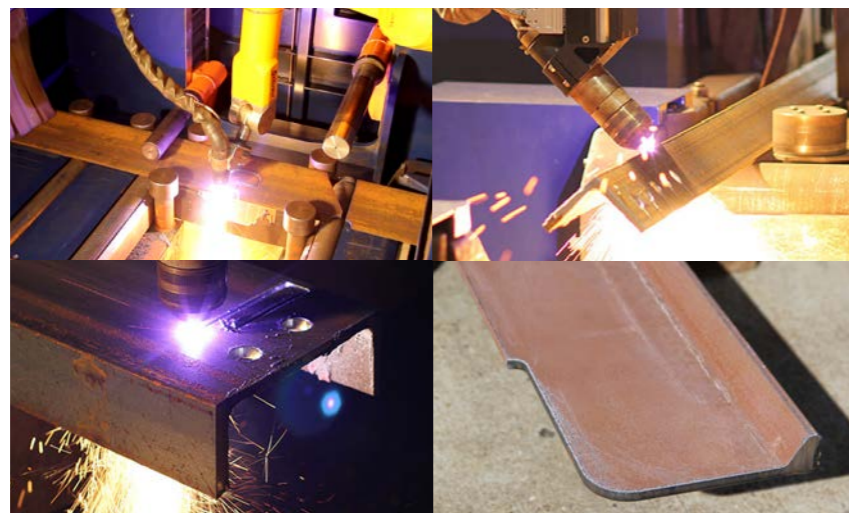


# Machines & Services

## PROFILE CUTTING SERVICES

Our profile cutting machines and services you can cut any shape on a profile extremely accurately and with a bevel. Our profile cutting machines and services enable you to realize all possible end and intermediate cuts with a bevel on a large variety of stiffeners for the shipbuilding industry, such as HP / bulb, flat-bar / strip, angle bar and T-bar.

You receive a ready-to-weld package, so you can focus on fast and easy fitting and welding. We provide a range of profile cutting services to help you cut any shape on your steel material with utmost accuracy and with a bevel and intermediate cut-outs. Our CNC machines for cutting angle bars etc. are developed and produced by us.



## PROFILE CUTTING SPECIFICATIONS



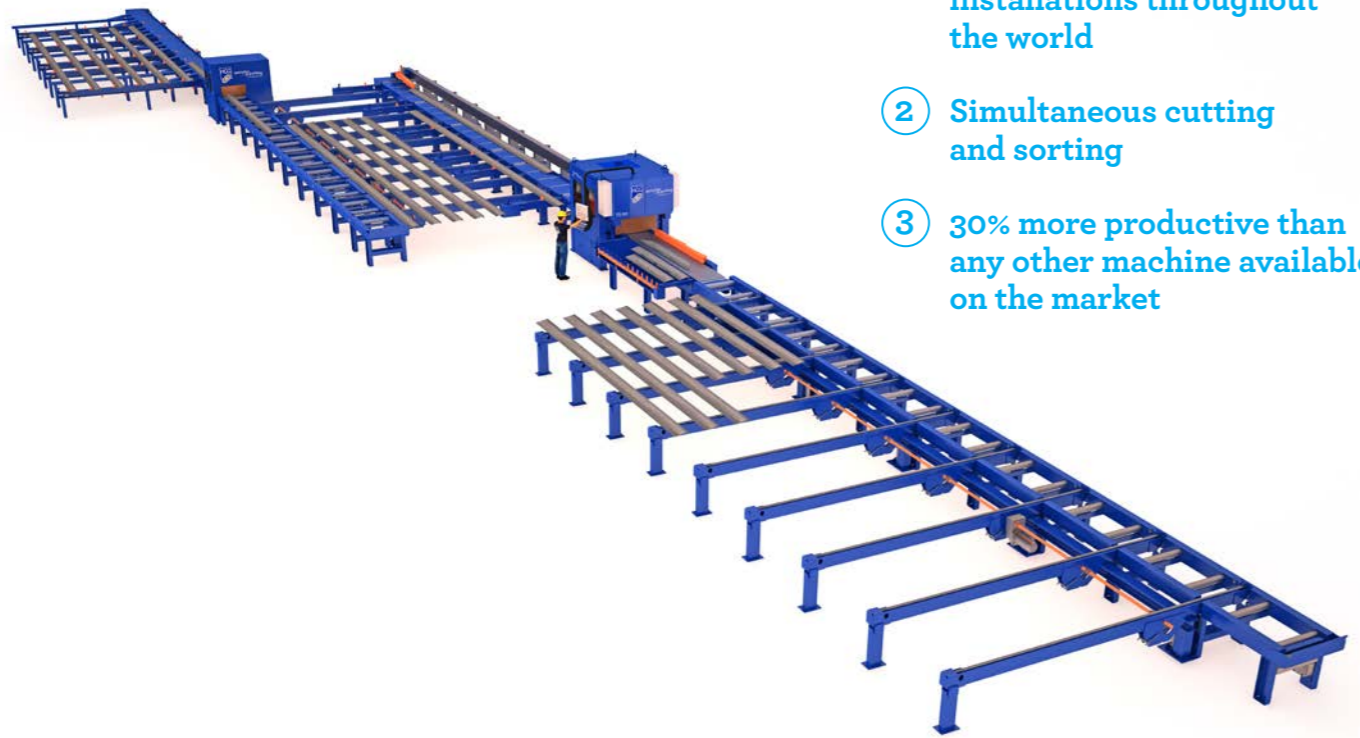
SPECIFICATIONS			
<b>Size</b>	75x75 mm – 1220x430 mm [3" x 3" - 48" x 17"]	<b>Track and trace</b>	Permanent and non-permanent marking
<b>Location</b>	At HGG	<b>CAD</b>	Autocad, Tekla and many others
<b>Profiles</b>	Angle bar (un)equal, T-bar, channel, flat-bar	<b>Certifications</b>	ISO 9001; Lloyds 3.1 & 3.2

# PCL 300-600

## World's Most Productive Profile Cutting Line

The profile cutting line is a high performance plasma cutting line. Equipped with edge cleaning, marking and multiple CAD-CAM interfaces, the PCL is the most innovative and productive plasma cutting line.

The PCL is capable of cutting all profiles commonly used in the ship building industry and, if special cuts are required, HGG can develop extra profiling shapes on request.



- ① **Market leader with 68 installations throughout the world**
- ② **Simultaneous cutting and sorting**
- ③ **30% more productive than any other machine available on the market**



“Cutting stiffeners 5 times faster”

SPECIFICATIONS	T	L	I	I	L	L	🔒
> PCL 300	100x50 – 250x150 mm [4" x 2" – 9.8" x 5.9"]	60x15 – 300x60 mm [2.4" x 0.8" – 11.8" x 2.4"]	50x5 – 300x30 mm [2" x 0.2" – 12" x 1.2"]	Not possible	75x50 – 250x150 mm [3" x 2" – 9.8" x 5.9"]	50x50 – 150x150 mm [2" x 2" – 5.9" x 5.9"]	2.5 t
> PCL 600	100x50 – 500x200 mm [4" x 2" – 19.7" x 7.9"]	60x15 – 430x83 mm [2.4" x 0.8" x – 16.9" x 3.3"]	50x5 – 550x30 mm [2" x 0.2" – 21.7" x 1.2"]	95x55 – 420x220 mm [3.7" x 2.2" – 16.5" x 8.7"]	75x50 – 550x150 mm [3" x 2" x – 21.6" x 5.9"]	50x50 – 220x220 mm [2" x 2" – 8.7" x 8.7"]	2.5 t



“Thanks to the HGG Profile Cutting Line, we’ve increased significantly our production speed by around 4-5 times. Having the PCL has also positively affected our production planning.”

**Mr. Sergey Kabakov**  
Chief Engineer  
Vyborg Shipyard

# Stiffener cutting is no longer the bottleneck

“HGG helped us to increase production speed around 4 to 5 times and that makes us a much more attractive choice for potential customers.”