

MPC | Accurate 3D Cutting Machine for Hollow Sections

Extremely accurate material positioning

A chuck allows a one to one transmission of rotation which guarantees extremely accurate pipe positioning for a high range of diameters and weights.

Highly Accurate Oxyfuel and Plasma 3D Cutting

The ultra light bi-axial cutting head guarantees rapid torch movements, while the main drive prevents creep and slip.



Intuitive Machine Operation

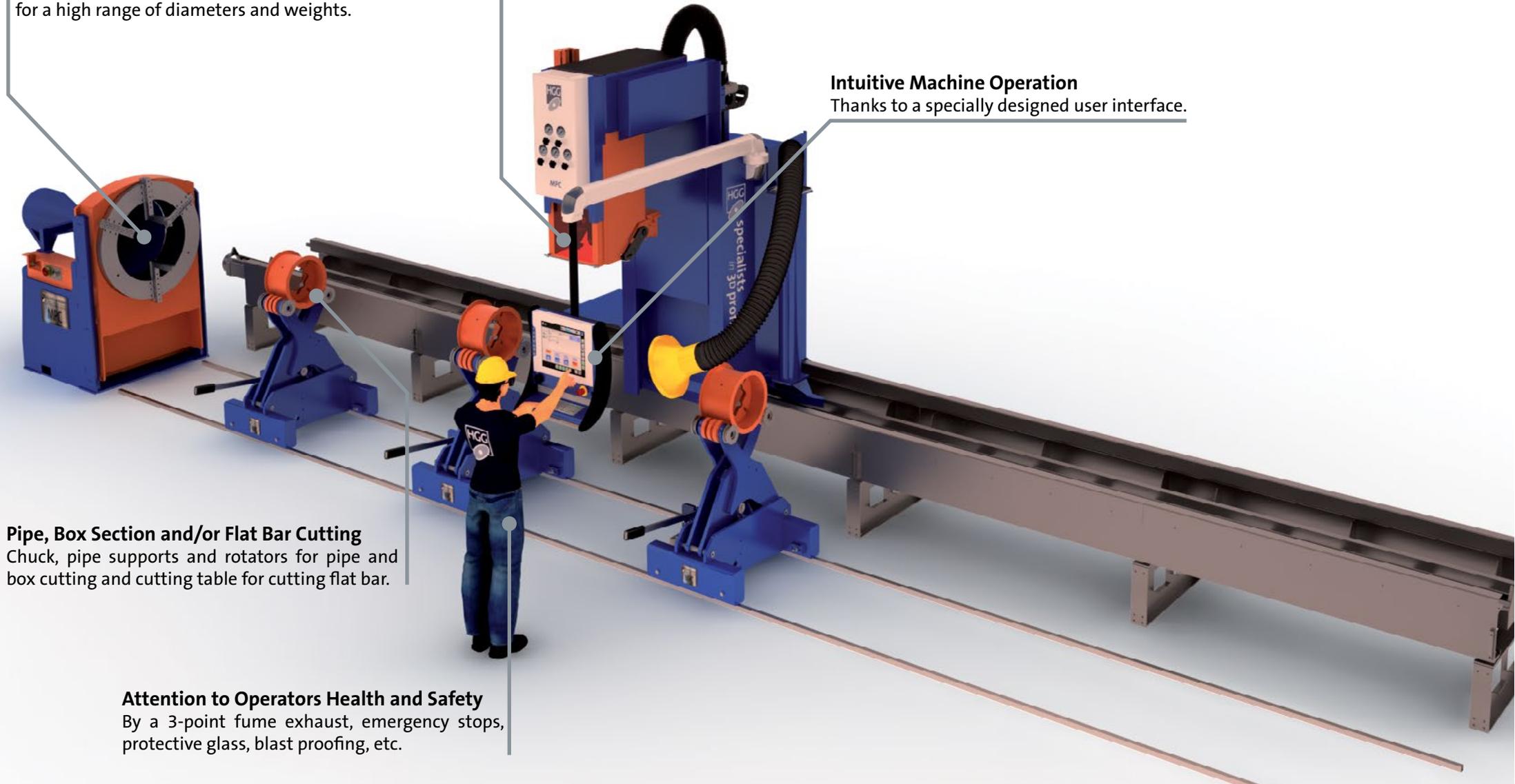
Thanks to a specially designed user interface.

Pipe, Box Section and/or Flat Bar Cutting

Chuck, pipe supports and rotators for pipe and box cutting and cutting table for cutting flat bar.

Attention to Operators Health and Safety

By a 3-point fume exhaust, emergency stops, protective glass, blast proofing, etc.



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The MPC is a pipe cutting machine that can be configured to cut other profiles as well. This makes the MPC more flexible in situations where production volume does not justify a dedicated machine for profiling of pipes only. The MPC comes in several possible configurations making it a versatile and multi-purpose machine. These configurations allow the machine to cut pipes, box sections and/or flat bar.

| MPC 450-600 | 48 mm - 610 mm 2" - 24" | 60 x 60 mm - 450 x 450 mm 2" x 2" - 18" x 18" | Max width: 320 mm (12.6") | 8t | 6 m - 12 m* 20' - 40' |
|---------------------|-----------------------------|---|------------------------------|----|--------------------------|
| MPC 450-800 | 48 mm - 815 mm 2" - 32" | | | 8t | 6 m - 12 m* 20' - 40' |
| MPC 450-1000 | 48 mm - 1020 mm 2" - 40" | | | 8t | 6 m - 12 m* 20' - 40' |

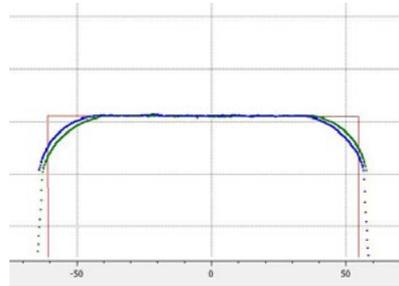
* More types available

Box Section Support



Both pipes and box sections are cut on the same supports. However, to easily rotate box sections, HGG has developed a special rotator with easy loading from the top.

Laser Measurement



A laser is used to measure the material, to detect and compensate position deviations and section distortions directly.

Advanced Chuck



A 4-jaw chuck is used to clamp both pipes and box sections. Pipes and box sections are rotated very precise, resulting in highly accurate cuts and less grinding afterwards.

Versatility



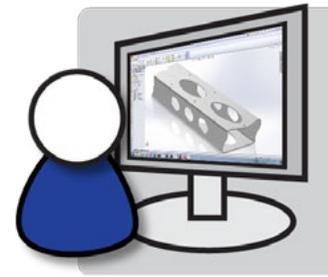
The MPC is available in several possible configurations. Depending on customer requirements, the machine is able to cut (a combination of) pipe, box section and/or flat bar.

Marking



Optionally, a marking system can even further improve your productivity. The MPC can be equipped with punch, ink-jet or plasma marking systems.

ProCAD



ProCAD, part of HGG's in-house developed software, enables you to convert a CAD design to CAM, to cut the designed part. HGG supports SolidWorks, Inventor, Tekla and many more CAD systems.

Contact us and configure your machine!

HGG Profiling Equipment by Specialists in 3D Profiling

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