

MasterCut Compact

CNC plasma & oxyfuel cutting machine

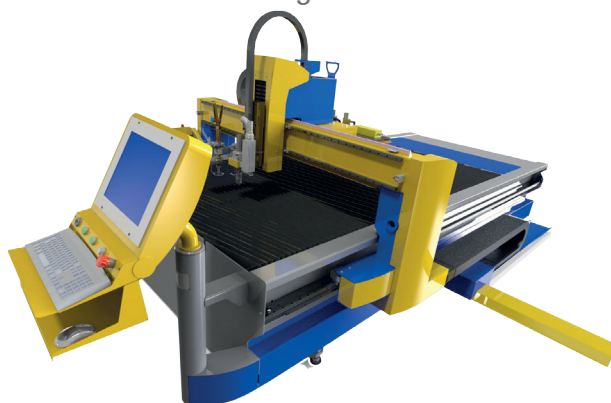
MicroStep[®]
spol. s r.o.



Hypertherm[®]
True Hole™ Technology

Kjellberg[®]
FINSTERWALDE
contour cut
SPEED

- MasterCut Compact is a dynamic, high precision CNC cutting machine suitable for a variety of plasma and oxyfuel cutting jobs
- Sophisticated design built on high quality components flawlessly provides the latest features of plasma & oxyfuel technology for a decent price
- High-quality cutting with high-definition plasma as well as with standard air plasma sources
- Small holes, sharp angles and corners of cut parts as well as high contour precision resulting from a helical rack and pinion drives and linear guidelines
- As a fully compact machine it is moveable within a workshop while the preassembled delivery significantly shortens the start-up time
- It meets comprehensive safety and environmental standards
- Excellent exhausting efficiency designed to meet standards of high-speed plasma cutting
- Covers for protection of mechanical parts against fumes and other damage
- Possible sizes of working areas range from 1.5 m x 1.5 m to 6 m x 2 m
- An efficient and user-friendly PC-based CNC control system iMSNC[®]
 - Full network connectivity
 - Remote diagnostics and assistance
 - Advanced servicing software tools





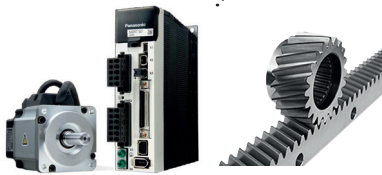
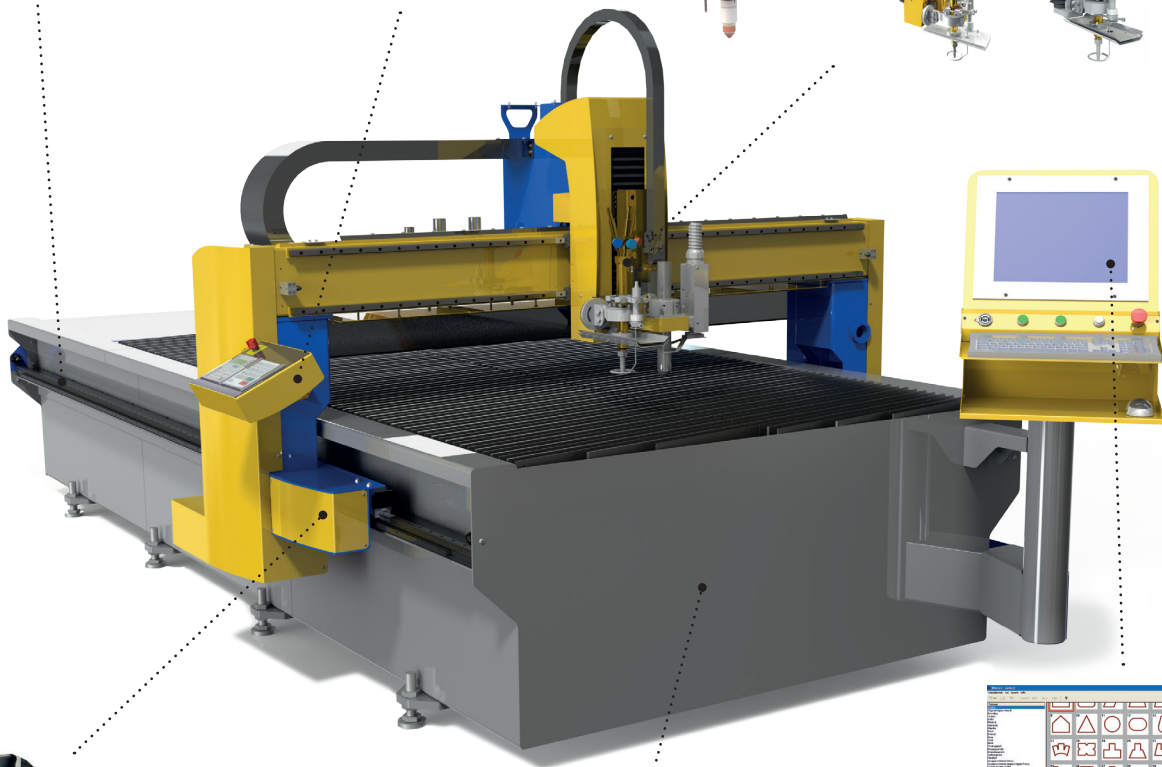
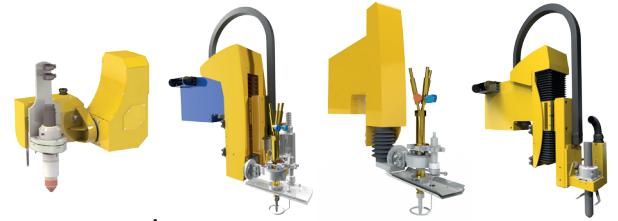
Linear guidelines for smooth and precise movements



Operator console on the gantry construction

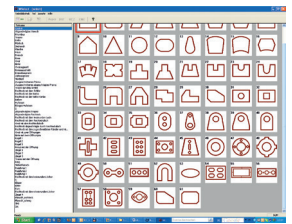


Universal carriage for combined technology - plasma and oxy-fuel as well as separate carriages for each technology or 3D tilting plasma tool station with ACTG



High speed AC motors and helical rack & pinion drives in X and Y axes to achieve maximum positioning accuracy

Highly efficient exhausting table divided into sections that are opened for extraction by pneumatic cylinders controlled by the iMNC machine control system



An Efficient and user-friendly PC-based CNC control system iMNC and CAM software AsperWin operated via 17" TFT touch screen

