Plasma Cutting System

# Plasma-Jet TrueCut

**World-Class Plasma Cutter System of Kjellberg® and Hypertherm®**

See this machine
in action on
YouTube



**Wide variety of equipment packages
featuring up to 5-axis cutters**

- stand-alone cutter table features rigid steel construction for high load capacity
- stand-alone table eliminates thermal and mechanical influences on the plasma cutter system
- the structure of the machine and the selection of components are designed to enable multi-shift operation
- dual-drive bridge
- high-quality linear guides on all axes
- dynamic AC servo drives on all axes with maintenance-free, zero-backlash

planetary gears
- low-wear and low-maintenance helical gears are designed for continuous operation
- automatic torch height control
- quick-coupling for cutter head allows quick head exchanges for reduced tooling time
- available with 5-axis cutter head, tube cutter, and many more options
- optimum bed speed even for fine contours and tight radii
- use the existing cutting parameters stored in the control to find the optimum cut

Shown with additional „Messer" oxy-fuel cutter head (optional)



Eckelmann CNC unit with 19" touchscreen for TrueCut K models

| Options | Part No. |
|---|---|
| • Maxpro 200 Plasma source | 253406 |
| • XPR 170 Core Plasma source | 253407 |
| • XPR 170 VWI Plasma source | 253408 |
| • XPR 170 Optimix Plasma source | 253409 |
| • XPR 300 Core Plasma source | 253410 |
| • XPR 300 VWI Plasma source | 253411 |
| • XPR 300 Optimix Plasma source | 253412 |
| • Smart Focus 130 Plasma source | 253088 |
| • Smart Focus 170 Plasma source | 253652 |
| • Smart Focus 200 Plasma source | 253089 |
| • Smart Focus 300 Plasma source | 253090 |
| • Smart Focus 400 Plasma source | 253091 |
| • Q 1500 Allgas Plasma source | 253864 |
| • Q 3000 Allgas Plasma source | 253865 |

## Standard Equipment Hypertherm®

Table prepared for filter system (automatic closure control), Panasonic Servomotors qand drivers, Automatic burner height control with Hypertherm THC sensor, Cutting torch with magnetic coupling and crash sensor, Hypertherm Edge Connect CNC-Unit, 19 "Touchscreen from ELO, Ethercat-E, Laserpointer, ProNest Nesting Software

## Standard Equipment Kjellberg®

Table prepared for filter system (automatic closure control), Panasonic Servomotors qand drivers, Automatic burner height control from Eckelmann, Cutting torch with magnetic coupling and crash sensor, Eckelmann CNC-Unit, 19 "Touchscreen from ELO, A-Modul from Beckhoff, Laserpointer, Eckelmann IBE Software cncCUT Nest, Eckelmann IBE Software cncCUT Epost

| Specifications TrueCut | | 1530 K | 1530 H | 2040 K | 2040 H | 3060 K | 3060 H |
|---|---|---|---|---|---|---|---|
| **Working area** | | | | | | | |
| Cutting Width | mm | 1.500 | 1.500 | 2.000 | 2.000 | 3.000 | 3.000 |
| Cutting length | mm | 3.000 | 3.000 | 4.000 | 4.000 | 6.000 | 6.000 |
| Table height | mm | 700 | 700 | 700 | 700 | 700 | 700 |
| Table load capacity | kg/m² | 520 | 520 | 520 | 520 | 520 | 520 |
| Rapid feed | mm/min | 18.000 | 18.000 | 18.000 | 18.000 | 18.000 | 18.000 |
| Weight (without plasma source) | kg | 3.100 | 3.100 | 4.100 | 4.100 | 9.500 | 9.500 |
| Plasma source | | Kjellberg | Hypertherm | Kjellberg | Hypertherm | Kjellberg | Hypertherm |
| Part No. | | 144038 | 144014 | 144039 | 144015 | 144040 | 144016 |