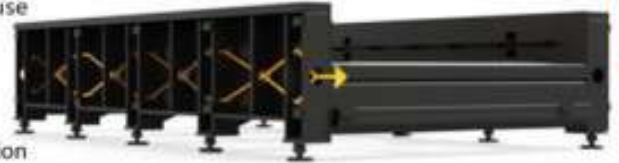


FULLY ANNEALED FRAME

- ACCURL® steel frames undergo annealing at over 600° to relieve stress, they are built to last years of heavy use without distortion.
- Very stiff and stable base frame
- Dual synchronized twin servo motor drive system.
- Stress points analysis
- Usage of high-tech boring machines for extreme precision parts



CAST ALUMINIUM GANTRY

ACCURL's high tech Mn-steel crossbeam allows better rigidity at 50% of the weight of traditional iron gantries, allowing higher acceleration with reduced inertia. This creates less wear and tear on the machine.

YASKAWA SERVO MOTORS & DRIVES

- The Smartline is equipped with cutting edge Germany designed YASKAWA servo motors and drives from Japan.
- High-speed EtherCAT communication
- Highly dynamic behaviour
- Brushless three-phase motors
- Flexible motor type selection



Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!



HIGH PRESSURE PUMP

The high pressure is generated in the intensifier of the pump, actuated by an oil pump inside, and also the low water supply system. The latest generation of pumps offers the most advanced water jet technology with working pressures up to 4200 bar. The design with a single intensifier, which generates up to 4200 bar, reduces maintenance costs and offers a quieter operation and fewer spare parts.



NEW ECS905 CNC WITH COMMAND CONTROL

- The ACCURL Masterline Fiber Laser is controlled with a ECS900 CNC control unit which provides unprecedented control of the cutting process.
- Real time graphics: the program is provided with a manual and/ or an automatic zoom to visualize the plate contour.
- Automatic restore after work stoppage. After repositioning on the profile, there is the option to return to tangential or linear mode, with activation of cutting on or external to the profile.
- EtherCAT and eXtreme Fast Control (XFC) technology enable fast switching functions at high processing speeds.
- The CNC 900 series can control up to 16 interpolated axes (axis or spindle) and the TwinCAT NC I/CNC automation software is ideally suited for application-specific functions, including adaptive jet control, reverse travel or path resetting.

CAD/CAM SOFTWARE NESTING. LIBELLULA .CUT

- Libellula.CUT is the cutting edge of Libellula Universe and represents the highest expression of the technological know-how of Libellula.
- Integrated CAD and the exclusive One-Click technology, Libellula.CUT creates or imports in a moment the geometric details from any other platform of drawing, automatically optimizing profiles and arranging them in an optimum manner for subsequent processing.

