## Features and benefits of Pedrazzoli Intelligent Motion System (IMS)

Introducing Pedrazzoli's highly flexible Intelligent Motion System (IMS) program with touch screen designed for intuitive user-friendly operation with three-dimensional graphic programming of our machines. Quickly create, control and execute new programs in minutes. IMS represents a single solution for operating and managing bending, end forming processes. Effectively enhancing operator training and improving productivity.

Simulation mode immediately analyzes work piece feasibility, optimizes production time and advises of possible interference.
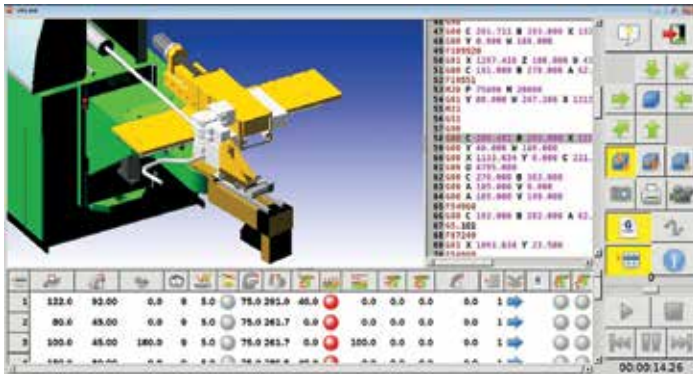
Easily manage all machine axis within predefined safety area, ideal for optimizing tool testing and programming of machine sequences during setup. Input data directly to machine or import of 3D drawing to assist in creating machine cycle. Accepts XYZ or Cartesian coordinates with conversion.

Automatic generation and optimization of symmetrical or mirror parts. Automatic generation of G-code to FANUC NC.

G-code accessibility allows operator to modify data, sequence, and machine cycle.

Control each program step, axis speed, simultaneous movement, mandrel extraction, lubrication functions.

Tooling page displays tooling description and settings for slide thrust, carriage movement, loading, bend die and more.

Manual movement page allows complete control of single jog, axis speed and overall cycle movement during setup. Ideal for prototype work.
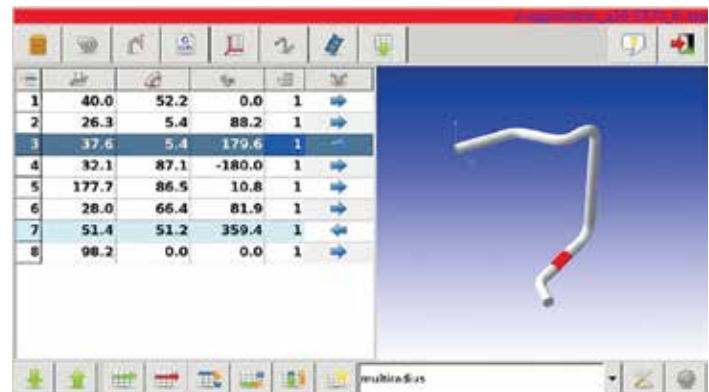
Importation of IGES files

- IMS OFFICE package offline programming of work cycle, shares programs and data between Pedrazzoli machines creating a single access drive

- Easily recall programs visually by scrolling through directory

- IMS platform available for PC, Tablet and Smart-phone

- Designed to fully advantage included FANUC drives offering maximum reliability, reducing connections, while providing detailed diagnostics

- Monitor axis functions including position, speed, torque, temperature and calibration with graphic visualization during the bend