



## DNC 880S

The DNC 880S numerical control is intended specifically for sheet-metal bending.

According to the software installed, it will be used on synchronized or conventional press brakes with mechanical or hydraulic end stops.

The DNC 880S is a high performance, competitively priced product in a compact and slim design.

## DNC 880S



### Easy Operating

- Intuitive and interactive programming with clear and visible field functions associated with colour codes
- Complete programming of parts on a single page
- Quick set-up of the machine thanks to direct access to set-up parameters by means of clearly and logically designed menus and to basic functions by means of 5 object-oriented keys
- Rapid data input thanks to the slightly inclined ergonomic keyboard with large keys
- High level of comfort thanks to the 10" TFT colour screen
- Main machine commands (push buttons, switches) ideally located under the keyboard

### Better Bending

- The numerical control comes with off-line 2D software for preparing the production programs on a PC and checking the feasibility of the parts in office
- Higher productivity thanks to easy and rapid modifications of existing products
- Very fine tuning thanks to extensive machine parameters
- Display of error and warning messages on the console screen

### Powerful

- Graphic 2D display and multi-simulation capability. It displays the optimal bending sequences, the tools and the position of the sheet within the tools as well as collision detection according to criteria defined by the operator:
  - Minimum length against the operator
  - Minimum return
  - Maximum accuracy between two defined faces
  - Minimum operator manipulations
- Windows XPe for multitasking and file management
- EC safety-cycle management
- Easy communication
  - Windows networking through Ethernet (RJ45)
  - Connection to external devices through USB port for software updating and data backup
  - Remote maintenance
- Almost unlimited quantity of programs and very high number of sequences
- Over 20 languages available
- Convenient for retrofitting thanks to its backward compatibility with earlier generations of compact CNCs

PROJECT		PROGRAM		JOB		DATE		CODE	
DRAWING	#1st bend	FUNCH	310-051	DE	050-101				
THICKNESS	1.50	SIGNA	37.00	ESI*1000	STERL				
SECTION	1/1	BENDL	1200.0	UNFLD LEN	STR	21.0			
FACE	LENGTH	ANGLE	FUNCH	DIE	RADIUS R1	CURVE	TOLERANCE		
1	30.00	+ 0.0°			1.62				
2	80.00	+135.0°			1.82				
3	50.00	-135.0°			1.71				
4	60.00	- 90.0°			1.62				
5	45.00	- 0.1°							
6	20.00								

