

REACH

Technologies



REACH Inkjet Plotter : 7180Yi

REACH Inkjet Plotter: 7180Yi is the digital plotter offering the 'Free Paper Advance' option for printing cut markers. A refined system of automatic controls employing encoders and sensors in continuous communication with the onboard electronics verifies correct operations in real time. Innovative technical solutions and the patented design provide increased performance and extremely user friendly controls. The 'Free Paper Advance' system provides ease of use and operational flexibility. The frame, assembled using evolved structural concepts, guarantees absolute stability. Totally silent, REACH Inkjet Plotter: 7180Yi stands out as the ideal instrument for all types of companies.

Printing

- prints at a constant speed and therefore is not influenced by marker density, by the shapes and sizes of the pattern pieces or by the amount of annotations, notes or symbols
- valid printing widths are 183 cm (72 inches) and 208 cm (82 inches)
- output print speed is 75 mt²/hr average (83 square yard/hr average)
- dual graphic resolution allows the operator to choose, at any moment, what dpi resolution to apply for each single marker
- standard or bold line qualities may be specified for each marker within the plot list queue
- ink supply is refilled with disposable HP cartridges
- electronic ink level control with reserve warning and interruption only at completion of the marker being plotted
- automatic and manual printhead priming

Media

- uses a wide variety of paper available from major suppliers including normal, recycled, and thermal adhesive qualities complying to market standards
- patented paper advance clutch adjustment to optimize print precision for the use of a wide variety of paper finishes, weights and thicknesses while excluding high paper tension stress
- maximum paper roll diameter of 22 cm (8.6 inches)
- patented paper feed spool 'auto-stop'
- three paper take-up systems:
 - standard take-up on aluminum spool
 - take-up on the patented spring release spool for large, uninterrupted production loads (OPTIONAL)
 - 'free' paper take-up with 'pinch rollers'
- electronic end of paper warning
- electronic shut down in the event of print carriage paper jams

Electronics

- **HARDWARE CONNECTION:** USB-2. The plotter interfaces via USB-2 port connectivity with all CAD systems using the principle graphic formats including HPGL, HPGL/2, ISO, STD as well as the UNIVERSAL format, ASTM D6959, etc. Includes plotting software compatible with Windows 9X/ME/NT/2000/XP/VISTA.
- **AUTO DIAGNOSIS:** at power on, the system cycles through a series of auto diagnosis which controls all states of functionality. In the event of a malfunction, a succession of questions appears on the front display to assist the operator in resolving the problem. When confronted by more serious circumstances the operator is guided by the onboard system through a troubleshooting itinerary in order to relate pertinent information to REACH Support Center and receive a specific diagnosis to solve the problem. All data regarding auto diagnosis has been archived to enhance technical support analysis.
- **LOG:** a chronological log of plotting activity automatically registers all information regarding the plot list queue including total plotted meters and elapsed plotting times thus permitting control of operations at a later date and eventual statistical analysis.
- **REMOTE INTERNET CONTROL:** when the plotter is connected to a PC that is part of a network, the auto diagnosis may be viewed in real time for simple observation of plotter status, or for direct intervention on plotting operations from the remote Central Support workstation.

DIMENSIONS

	180	205
• width:	2600 mm (102 inches)	2850 mm (112 inches)
• height (assembled):	1120 mm (44,6 inches)	1120 mm (44,6 inches)
• depth:	405 mm (15,6 inches)	405 mm (15,6 inches)
• weight:	120 kg (264 lbs)	139 kg (306 lbs)

CONFORMITY

- CE
- low acoustic emission levels comply with office machinery classification
- universal voltage compatibility
- electrical input: 130W
- power supply: 50/60 Hz
- environment: 10° - 40° C (50° to 104° F)