DATAPOINT 300 AND 600 LPM LINE PRINTERS

Left chart:
LINES PER MINUTE (y-axis): 100, 200, 240, 300, 400, 436, 500, 600
PRINTED CHARACTERS PER LINE (x-axis): 0, 20, 40, 60, 72, 80, 100, 120, 140
- 64 character set — 9280
- 96 character set — 9281

Right chart:
LINES PER MINUTE (y-axis): 100, 200, 300, 400, 436, 500, 600
PRINTED CHARACTERS PER LINE (x-axis): 0, 20, 40, 60, 80, 100, 120, 140
- 64 character set — 9260
- 96 character set — 9261
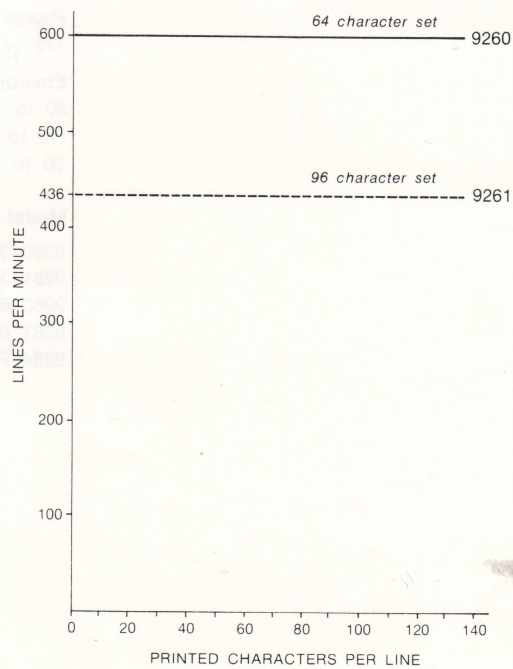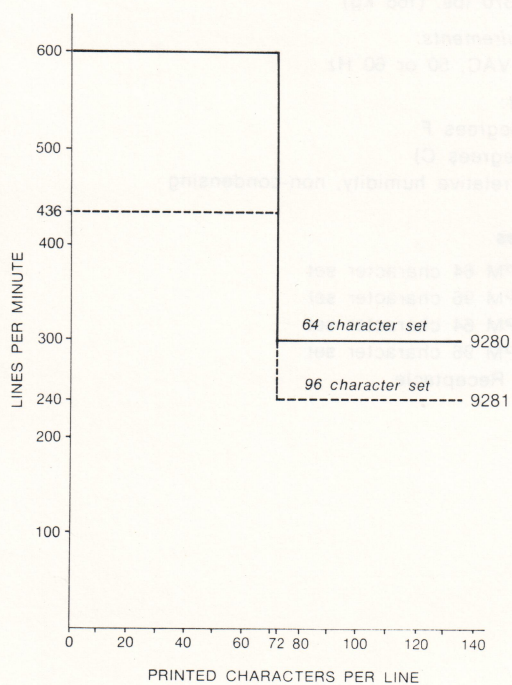
DATAPOINT 300 AND 600 LPM LINE PRINTERS

Where printing volume requires higher speed printers, these two models offer the user an easy-to operate and quiet printing facility. The two models find wide application with all Datapoint processors requiring crisp, clear, hard copy.

The printers operate at a rate of 300 or 600 lines per minute on a 132 column format using 64 (or 96) characters (see graph). The drum and anvil impact method of printing utilized yields excellent reproduction on either single sheets or 6 part carbon-interleaved multipart forms. Standard 132-column or narrower forms can be loaded on the printer.

Designed specifically for ease of operation, the controls are plainly marked and kept to a minimum. Paper and ribbon changes are accomplished by swinging aside the hinged paper gate. Use of a single set of paper feed sprockets keeps paper changing time to a minimum. Noise is kept to a very low level by liberal use of acoustical material in the enclosure.

Standard features include a form length selector switch ribbon de-skew for longer ribbon life. A static eliminator is also included. A number of unique printing techniques combine to provide a rugged and reliable impact mechanism. A unique printhead and clutchless paper feed reduce the number of moving parts to a minimum.

The printer is fully buffered and interfaces directly to any of the Datapoint processors. Like all other Datapoint printers, full compatibility with any Datapoint software printer package is assured.

Functional Characteristics

Column Width:
136 (10 characters per inch)

Printing Speed:
9280 - 300 LPM (64 character set)
     - 240 LPM (96 character set)
9260 - 600 LPM (64 character set)
     - 436 LPM (96 character set)
Refer to graphs for detailed print speeds

Printing Method:
Impact on rotating drum

Slew Speed:
20 inches per second (9280)
25 inches per second (9260)

Line Spacing:
6 and 8 lines per inch, switch selectable

Format Control:
Top-of-form (11 inch paper standard)
Perforation skip over included

Paper Feed:
Tractor controlled, front load

Character Font:
64 or 96 character set (Open Gothic)

Paper Type:
Standard fan folded and edge punched
4 to 16.75 inches wide
1.3 to 22.3 inches between folds (11 inch standard)
Single copy - 15 pound
Multiple copy - 12 pound
Single-shot carbon for up to 6 parts

Interconnection:
Direct to Datapoint Processor via I/O Bus

Physical Characteristics

Equipment Dimensions:
Width: 33 in. (83.8 cm)
Height: 45 in. (114.3 cm)
Depth: 26 in. (66 cm)
Weight: 370 lbs. (168 kg)

Power Requirements:
115 or 230 VAC, 50 or 60 Hz

Environment:
50 to 100 degrees F
(10 to 38 degrees C)
30 to 90% relative humidity, non-condensing

Model Codes

9280 300 LPM 64 character set
9281 300 LPM 96 character set
9260 600 LPM 64 character set
9261 600 LPM 96 character set
9284 Paper Receptacle