

CONTROL DATA® 580 SERIES LINE PRINTERS

CONTROL DATA
CORPORATION



The CONTROL DATA 580 Series of Line Printers is a complete printer family featuring 1200, 1600, and 2000 line-per-minute operation, an acoustically-dampened cabinet, enclosed stacking, and extended-font print capability. Quiet operation permits use of the printer in an office environment.

The horizontally moving character array of the CDC® 580 family assures printed lines that are always straight. Forms are advanced under a feedback control system which assures even spacing of lines. High throughput is achieved by rapid acceleration to and deceleration from maximum skip speed. The type-array cartridge is easily changed by the operator to match the font to each application.

CHARACTERISTICS SUMMARY

MODEL	LPM	SKIP - IPS	COLUMNS	STACKING
580-20	2000	90	136	Power
580-16	1600	70	136	Power
580-12	1200	70	136	Power

TRAIN CARTRIDGES

596-01	63 printing characters + space (same characters as 595-1)
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596-02	48 printing characters + space (same characters as 595-2)
596-03	48 printing characters + space (same characters as 595-3)
596-04	6 sets, 63 characters (same characters as 595-4)
596-05	63 characters + space (same characters as 595-5)
596-06	94 characters + space (same characters as 595-6)

SPECIFICATIONS

	580-12	580-16	580-20
<i>Printing Speed</i>			
Nominal (48 characters):	1200 lpm	1600 lpm	2000 lpm
Sustained (24 characters):	1500 lpm	2250 lpm	3000 lpm
Burst (16 characters):	2500 lpm	3000 lpm	3500 lpm
<i>Paper-Advance Speed</i>			
Single Space			
6 lpi:	11.0 ms	11.0 ms	8.3 ms
8 lpi:	10.0 ms	10.0 ms	7.0 ms
Skip Rate			
6 lpi:	70±5 ips	70±5 ips	90±5 ips
8 lpi:	50±5 ips	50±5 ips	70±5 ips
<i>Hammer Recycle:</i>	12.5 ms	12.5 ms	8 ms
<i>Type Cartridge Velocity:</i>	145 ips	216 ips	250 ips
<i>Type Array Motor:</i>	1/3 HP	1/2 HP	1/2 HP
<i>Power:</i>	5.7 KVA	6.8 KVA	9.0 KVA

Current: 16 amps 19 amps 25 amps

Heat Dissipation
(max. BTU/HR): 12,000 19,000 24,000

Forms Capacity
Internal Stacking: 4 to 20 inches wide, 4 to 14 inches long
External Stacking: 4 to 20 inches wide, 4 to 22 inches long
Printing Width: 16¾ inches maximum

Electrical: 208 VAC, 50 or 60 (± 1) Hz, 3-phase, 5-wire, wye-connected

Physical
Height: 52 inches (69 inches with hood opened)
Width: 62 inches, max
Depth: 32 inches less stacker, 46 inches with stacker
Weight: 1500 pounds (approximately)

Temperature

Operating: 60 to 100°F
Storage: -30 to +150°F

Relative Humidity

Operating: 10 to 90 percent
Storage: 5 to 95 percent

Line Width: 136 columns
Line Spacing: 6 or 8 lines per inch
Character Array: 48, 64 and 94
Print Cartridge: 384 characters

Specifications are subject to change without notice.