

CUTTING PLOTTER

YOU CAN Cut your cost.
Be a professional sign maker.
Choose DGI cutting plotter Omega Series.



OM-150

OM-150 Specifications

- Loadable film width_ 커팅시트범위 | 187~1,700mm
- Maximum Cutting area_ 최대커팅폭 | 1,530mm
- Cutting force_ 커팅압력 | 30~500gf
- Interfaces_ 인터페이스 | RS-232C, Parallel, USB



CUTTING PLOTTER



OM-130

OM-130 Specifications

- Loadable film width_ 커팅시트범위 | 106~1,390mm
- Maximum Cutting area_ 최대커팅폭 | 1,220mm
- Cutting force_ 커팅압력 | 30~500gf
- Interfaces_ 인터페이스 | RS-232C, Parallel, USB



OM-60

OM-60 Specifications

- Loadable film width_ 커팅시트범위 | 150~726mm
- Maximum Cutting area_ 최대커팅폭 | 589mm
- Cutting force_ 커팅압력 | 30~500gf
- Interfaces_ 인터페이스 | RS-232C, Parallel, USB

High Speed for High Productivity / Long Sign Making with Big and Small Letter Cutting
500 grams of Cutting Force/HP-GL Compatibility and Easy Control Panel

고속커팅 / 뛰어난 정확성 및 연속 플로팅 / 최대압력 500gf / 제작회사에 의한 직접 A/S

OMEGA SERIES Specifications

MODEL	OM-150	OM-130	OM-100	OM-80	OM-70	OM-60	OM-40
CPU	32-bit						
Drive 드라이브	Digital servo						
Maximum cutting area 최대 커팅 면적	3m × 1,530mm	3m × 1,220mm	3m × 1,000mm	3m × 760mm	3m × 630mm	2m × 589mm	2m × 381mm
	32m×1,530mm(parameters)	32m×1,220mm(parameters)	32m×1,000mm(parameters)	32m×760mm(parameters)	32m×630mm(parameters)	32m×589mm(parameters)	32m×381mm(parameters)
Loadable film width 미디어	1,700mmto187mm(67")	1,390mmto106mm(55")	1,170mmto106mm(46")	930mmto100mm(37")	790mmto78mm(31")	726mmto150mm(29")	512mmto91mm(20")
Maximum cutting speed 최대 커팅 속도	1,131mm/sec(44.5ips)[diagonal], 800mm/sec[axis]						
Cutting force 커팅 포스	30~500gf						
Minimum character size 최소 문자 크기	5mm(0.2 in 2), alphanumerics, but depends on the material and font selected						
Mechanical resolution 기계 해상도	0.005mm(0.0002")						
Programmable resolution 프로그램 해상도	SP-GL : 0.25~0.0125mm/20steps [memu-selectable] : HP-GLTM : 0.025mm						
Repeatability 반복도	Plotter mode : within 0.1mm, cutter mode : within : ±0.2mm						
Perpendicularity 수직도	within 1.5mm/1530mm	within 1.5mm/1220mm	within 1.5mm/1000mm	within 0.5mm/760mm	within 0.5mm/630mm	within 0.5mm/589mm	within 0.5mm/381mm
Number of cutters/pens 커터/펜 수	1piece/1piece						
Cutter blade/pen types	Cutter blade : Supersteel / Pen : Ball Type						
Interfaces 인터페이스	RS-232C serial, Centronics parallel and USB						
Buffer capacity 버퍼 용량	3MB						
Command sets 코멘드 세트	SP-GL and HP-GL™ emulation						
LCD display size LCD 디스플레이 사이즈	20 characters X 2 lines						
Power requirements 입력 전압	90~260VAC, 50~60Hz						
Power consumption 소모 전력	Within 160VA			Within 120VA			
Operating environment 운용 환경	+10°C to +35°C(35% to 75% RH)(Non-condensing), Recommended environment: +16°C to +32°C(35% to 70% RH)(Non-condensing)						
External dimensions 외형 치수	Withstand: 1,956x181(0%) Withoutstand: 1,956x266(25)	Withstand: 1,583x181(0%) Withoutstand: 1,583x266(25)	Withstand: 1,363x181(0%) Withoutstand: 1,363x266(25)	Withstand: 1,090x181(0%) Withoutstand: 1,090x266(25)	stand: optional Withoutstand: 933x266(25)	stand: optional Withoutstand: 900x275(23)	- Withoutstand: 886x275(23)
(W, D, H/mm)							
Weight 무게	Plotter: 33kg(73lbs) Stand: 16kg(35lbs)	Plotter: 29kg(64lbs) Stand: 15kg(33lbs)	Plotter: 24kg(53lbs) Stand: 15kg(33lbs)	Plotter: 24kg(53lbs) Stand: 13kg(29lbs)	Plotter: 20kg(44lbs) Stand: 13kg(29lbs)	Plotter: 13kg(29lbs) Stand: 13kg(29lbs)	Plotter: 10kg(22lbs) Stand: -

* 제품의 성능 개선을 위해 사전 예고없이 사양이 변경될 수도 있습니다. The above specifications are subject to change without prior notice for improvement.

MODEL	OM-80	OM-70	OM-60	OM-40
CPU	32bit			
Drive	Digital servo			
Maximum cutting area	3m X 760mm 32mX760mm parameters	3m X 630mm 32mX630mm parameters	3m X 589mm 32mX589mm parameters	3m X 381mm 32mX381mm parameters
Loadable film width	930mm to 100mm(37")	790mm to 78mm(31")	726mm to 150mm(29")	512mm to 91mm(20")
Maximum cutting area	1,131mm/sec(44,5ips)(diagonal),800mm/sec(axis)			
Cutting force	30~500gf			
Minimum character size	5mm(0,2 in 2), alphanumerics, but depends on the material and font selected			
Mechanical resolution	0,005mm(0,0002")			
Programmable resolution	SP-GL : 0,25~0,0125mm/20steps (menu-selected) : HP-GLTM : 0,025mm			
Repeatability	Plotter mode : within 0,1mm, cutter mode : within : $\pm 0,2$ mm			
Perpendicularity	within 0,5mm/7600mm	within 0,5mm/630mm	within 0,5mm/595mm	within 0,5mm/381mm
Number of cutters/pens	1piece/1piece			
Cutter blade/Pen types	Cutter blade : Supersteel / Pen : Ball Type			
Interfaces	RS-232C serial, Centronics parallel and USB			
Buffer capacity	3MB			
Command sets	SP-GL : HP-GLTM emulation			
LCD display size	20 charaters X 2 lines			
Power requirements	90-260VAC, 50-60Hz			
Power consumption	Within 120VA			
Operating environment	+10°C to +35°C : 35% to 75% RH(Non-condensing). Recommended environment : +16°C to + 32°C : 35% to 70% RH(Non-condensing)			
External dimensions (W x D x H/mm)	With stand: 1,090x18x1,096	stand:optional	stand:optional	-
	Without stand: 1,090x286x253	Without stand: 983x286x253	Without stand: 900x275x237	Without stand: 686x275x237
Weight	Plotter : 26kg(57lbs)	Plotter : 20kg(44lbs)	Plotter : 13kg(29lbs)	Plotter : 10kg(22lbs)
	Stand : 13kg(29lbs)	Stand : 13kg(29lbs)	Stand : 13kg(29lbs)	-