

# 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 32m×1,530mm parameters	3m × 1,220mm 32m×1,220mm parameters	3m × 1,000mm 32m×1,000mm parameters	3m × 760mm 32m×760mm parameters	3m × 630mm 32m×630mm parameters	2m × 589mm 32m×589mm parameters	2m × 381mm 32m×381mm parameters
Loadable film width   미디어	1,700mm to 187mm(67")	1,390mm to 106mm(65")	1,170mm to 106mm(46")	930mm to 100mm(37")	790mm to 78mm(31")	726mm to 150mm(29")	512mm to 91mm(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 글자 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 (memory-selectable) : HP-GLTM : 0.025mm						
Repeatability   반복도	Plotter mode : within 0.1mm, cutter mode : within ±0.2mm						
Perpendicularity   수직도	within 1.5mm/1530mm	within 15mm/1220mm	within 15mm/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   커터/펜 타입	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-GLTM emulation						
LCD display size   LCD 디스플레이 사이즈	20 characters X 2 lines						
Power requirements   입력 전압	90-260 VAC, 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: 1956x181(0%) Withoutstand: 1953x1625	Withstand: 1583x181(0%) Withoutstand: 1583x286x253	Withstand: 1363x181(0%) Withoutstand: 1363x286x253	Withstand: 1090x181(0%) Withoutstand: 1090x286x253	Withstand: 933x181(0%) Withoutstand: 933x286x253	Withstand: 900x275x237	Withoutstand: 886x275x237
Weight   무게	Potter: 33kg(73lbs) Stand: 16kg(35lbs)	Potter: 29kg(64lbs) Stand: 15kg(33lbs)	Potter: 24kg(53lbs) Stand: 15kg(33lbs)	Potter: 24kg(53lbs) Stand: 13kg(29lbs)	Potter: 20kg(44lbs) Stand: 13kg(29lbs)	Potter: 13kg(29lbs) Stand: 13kg(29lbs)	Potter: 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-150	OM-130	OM-100
CPU	32bit		
Drive	Digital servo		
Maximum cutting area	3m X 1,530mm	3m X 1,220mm	3m X 1,000mm
	32mX1,530mm parameters	32mX1,220mm parameters	32mX1,000mm parameters
Loadable film width	1,700mm to 187mm(67")	1,390mm to 106mm(55")	930mm to 106mm(46")
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 (memu-selected) : HP-GLTM : 0,025mm		
Repeatability	Plotter mode : within 0,1mm, cutter mode : within : ±0,2mm		
Perpendicularity	within 1,5mm/1,530mm	within 1,5mm/1,220mm	within 1,5mm/1,000mm
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 160VA		
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:1,965x18x1,096	With stand:1,583x18x1,096	With stand:1,363x18x1,096
	Without stand:1,955x316x253	Without stand:1,583x286x253	Without stand:1,363x286x253
Weight	Poltter : 33kg(73lbs)	Poltter : 29kg(64lbs)	Poltter : 26kg(57lbs)
	Stand : 16kg(35lbs)	Stand : 15kg(33lbs)	Stand : 15kg(33lbs)