

CG-AR Series cutting plotter Product Information

Item		CG-60AR	CG-100AR	CG-130AR
Acceptable sheet size	Width	90 – 740mm	90 – 1,250mm	90 – 1,550mm
	Roll weight	8kg or less	20kg or less	
	Roll dia	150mm or less		
Effective cutting area		606mm × 51m	1,070mm × 51m	1,270mm × 51m
Max Speed	Shaft Direction	73cm/s		
	45° direction	103cm/s		
Adjustable speed range (cutting /plotting)		1 – 10cm/s (1cm/s step),		
		10 – 70cm/s (5cm/s step)		
Mechanical resolution		X: 2,5µm; Y: 5µm		
Command resolution		25µm, 10µm (MGL-IIc), 100µm, 50µm (MGL-Ic1)		
Repeatability		±0.2mm/2m		
		Excluding shrinkage/expansion caused by the film temperature		
Accuracy assurance range		586mm x 20m	1,050mm x 2m	1,350mm x 2m
		Depending on the specified film and cutting conditions		
Max. pressure		550g		
	Cutter	10 – 20g (2g step), 20 – 100g (5g step), 100 – 550g (10g step)		

Pressure setting	Creasing	10 – 20g (2g step), 20 – 100g (5g step), 100 – 150g (10g step)		
	Pen	10 – 20g (2g step), 20 – 100g (5g step), 100 – 550g (10g step)		
Acceptable cutting sheet		Vinyl up to 0.25mm thickness, Fluorescent sheet, Reflective sheet, Coated Cardboard		
Applicable tools		Cutter, Water based ball-point pen, Oil based ball-point, Creasing Tool		
Type of command		MGL-IIc/Ic1		
Interface		RS-232C/USB2.0/Ethernet		
Receiver buffer size		27Mb standard (17Mb when in sorting)		
Operation environment		Temperature: 5 – 35 degrees Humidity: 35 – 75% (Rh) Non-condensation AC100V – 240V 1A 50/60Hz		
Power		AC100V – 240V 50/60Hz	AC100V – 240V 50/60Hz	
Power consumption		140W~168W	190W~228W	
Dimensions (W x D x H)		1,030 x 287 x 335mm	1,530 x 580 x 1,150mm	1,830 x 580 x 1,150mm
Weight		17kg (27kg with optional stand)	35kg	43kg
Stand		Option	Standard	
Sheet Basket		Option		

