



CSA ENDÜSTRİ
Machinery Engineering

PAPER CUP MACHINES TECHNICAL COMPARISON

7 MODELS · CURRENT TECHNICAL DATA · 2027 Machine Range



MayCUP
Professionals' Choice

Model / Specification	MYC110	MYC120	MYC130	MYC140UF	MYC160	MYC180	MYC200
Positioning	Fast / compressor-free	Fast / compressor-free	Fast / automation	New generation / fast 2 servo motors	New generation / fast 4 servo motors	Ultra-fast 7 full servos	Ultra-fast 19 full servos
Cup size range (oz)	2-9	2-16	2-16	2-16	2-16	2-16	2.5-16
Sidewall sealing	Ultrasonic / heat	Ultrasonic / heat	Ultrasonic	Ultrasonic	Ultrasonic	Ultrasonic	Ultrasonic
Sidewall preheating	Optional	Optional	Optional	Yes / 1 unit	Yes / 1 unit	Yes / 2 units	Yes / 1 unit
Paper weight (g/m² PE, ±20%)	150-350	150-350	150-350	140-350	160-350	150-350	160-350
Stable output (cups/min)	100 6,000 / h	100-110 6,000-6,600 / h	100-120 6,000-7,200 / h	110-130 6,600-7,800 / h	130-150 7,800-9,000 / h	130-160 7,800-9,600 / h	145-200 8,700-12,000 / h
Operating voltage	380 V 50 Hz / 220 V (O)	380 V 50 Hz	380 V 50 Hz	380 V 50 Hz	380 V 50 Hz	380 V 50 Hz	380 V 50 Hz
Total power (kW)	5 (avg. 3)	6 (avg. 3.5)	6 (avg. 3)	7 (avg. 4)	15	16 (avg. 8)	38 (avg. 15)
Motor type	Inverter Low energy use	Inverter Low energy use	Inverter Low energy use	Inverter / 2 servos	Inverter / 4 servos	Inverter / full servo 7 servos	Inverter / full servo 19 servos
Weight (kg)	1,800	2,100	2,100	2,300	2,800	3,000	3,450
Machine dimensions (mm)	2080 × 920 × 1650	2180 × 1050 × 1600	2180 × 1050 × 1600	2170 × 1150 × 1820	2700 × 1200 × 1820	2700 × 1400 × 1800	3780 × 1820 × 2150
Air (MPa / m³/min)	No compressor needed	No compressor needed	0.6 / 0.4	0.6 / 0.5	0.6 / 0.5	0.6 / 0.5	0.6 / 0.7
Cup molds	10	10	10	10	10	10	10
Sidewall suction system	2 suction cups	4 suction cups	4 suction cups	4 suction cups	3 XL suction cups	3 XL suction cups	9 XL suction cups
Bottom heating system	5 spiral heaters	5 spiral heaters	5 spiral heaters 3 air-assisted	1 air + 2 ceramic Total: 4	1 air + 2 high-power ceramic / Total: 3	1 air + 2 high-power ceramic / Total: 3	1 air + 2 high-power ceramic / Total: 3
Automatic lubrication	Lubrication + filtration	Lubrication + filtration	Lubrication + filtration	Lubrication + filtration	Lubrication + filtration	Lubrication + filtration + greasing	No lubrication required
Silicone lubrication	Manual	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Control type	Button control	Buttons / automation	Buttons / automation	PLC / full automation	PLC / full automation	PLC / full automation	PLC / full automation
Bottom scrap cutter + conveyor	Channel-type scrap	Cutter + conveyor	Cutter + conveyor	Cutter + conveyor	Included	Included	Included
Bottom paper feed	Single roller	Dual rollers Servo motor	Dual rollers Servo motor	Full servo electric motor	Full servo electric motor	Full servo electric motor	Full servo electric motor
Safety enclosure	Yes	Optional	Yes	Full	Full	Full	Full
Remote access via Wi-Fi	-	-	-	Yes (optional)	Yes (optional)	Yes	Yes
Rim curling stations	1	1	1	1	2	2	2
Defective cup rejection	-	-	-	-	-	Yes	Yes
Sidewall moistening	-	-	-	-	Yes	Optional	Yes

(O): Optional. -: Feature unavailable or not applicable. Values may vary with product and production conditions.



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CSA ENDÜSTRİ
Machinery Engineering

DIGITAL PRINTING MACHINES TECHNICAL COMPARISON

2 MODELS · CURRENT TECHNICAL DATA · 2027 Machine Range



MayCUP
Professionals' Choice

		
Model / Specification	DJB-A3001	DJB-DESKTOP
Materials	Paper, paper cups, bowls, paper bags, pizza boxes, etc.	Paper, paper cups, bowls, paper bags, pizza boxes, etc.
Print width	12.9 / 25.8 / 38.7 / 51.6 / 64.5 cm (optional)	129 / 258 / 387 mm (optional)
Belt width	600 / 800 mm (optional)	400 mm
Print technology	Piezoelectric	Piezoelectric
Variable-speed belt	Yes	Yes
Printheads	1 / 2 / 3 / 4 / 5 units (optional)	1 / 2 / 3 units (as required)
Printed item collection	Yes	-
Print height adjustment	Adjustable to suit the material	Adjustable to suit the material
Print colors	Unlimited - all colors	Unlimited - all colors
Ink colors	C / M / Y / K	C / M / Y / K
Ink type	Water-based pigment	Water-based pigment
Ink tanks	Refillable - 4 colors	Refillable - 4 colors
LCD panel / monitor	Philips	-
Control system	Windows 7-10	Windows 7-10 (external PC)
Computer and software	Yes	-
File formats	BMP / JPG / PDF / TIFF	BMP / JPG / PDF / TIFF
Data transfer	Ethernet / USB 3.0 / RS232	Ethernet / USB 3.0 / RS232
Automatic paper feeding	Yes	Yes
Feed conveyor	Variable speed	Variable speed
Collection table	Yes	-
Alignment conveyor	Yes	-
Operating voltage	220 V / 50 Hz - 110 V / 60 Hz (optional)	220 V / 50 Hz - 110 V / 60 Hz (optional)
Resolution	1200 × 300 / 600 / 1200 dpi	1200 × 300 / 600 / 1200 dpi
Printhead replacement	Quick and easy	Quick and easy
Print speed	25 / 15 / 10 m/min	25 / 15 / 10 m/min
Ink consumption	Approx. 8 ml/m ²	Approx. 8 ml/m ²
Dimensions (H/W/D) - cm	113 / 69 / 174+40	87.5 / 66 / 146

(O): Optional. -: Feature unavailable or not applicable. Dimensions: Height / Width / Depth.

KEY FEATURES

 Alignment conveyor Positions the material correctly for printing.	 Industrial printhead Long service life and economical ink use.	 Automatic nozzle cleaning One-touch cleaning without manual intervention.
 Built-in computer Ethernet and Wi-Fi connectivity.	 24-hour operation Industrial construction and low maintenance.	 Automatic feeding and collection Batch feeding and orderly product collection.



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