

COPPERHEAD MATRIX Di40

Print size: 51 x 56 cm (20" x 22")

Double index print size : up to 81 x 56 cm (32" x 22")

Standard Features:

- ▶ Squeegee Equaliser system
- ▶ Servo Driven Indexer
- ▶ Voicecraft Technology for instant audio alerts
- ▶ Smartcloud 4.0 for remote monitoring and real-time analysis of production data and KPIs
- ▶ Smart Lube Technology
- ▶ Carrousel Rotation-Both Clockwise & Anti-clockwise
- ▶ 4 Point Registration System
- ▶ Individual Off Contact
- ▶ Independent Print Buttons on Each Printhead
- ▶ Pneumatic Head Lifting for easy screen cleaning
- ▶ Digital touchscreen control panel
- ▶ Tool-free quick release pallet locks
- ▶ Independent print/flood speed controls
- ▶ Tool-free Squeegee/Floodbar angle adjustments
- ▶ Pneumatic Screen Frame Lock
- ▶ On-board Self Diagnostics



FIRST FULLY LOADED MACHINE
This is it!

What's included?

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> ▶ 1 Set 43.9mm Solid Aluminium Pallet w/Rubber 16" x 22" ▶ 1 Set of Squeegee Holder with Squeegee Rubber (16"/41cm) ▶ 1 Set of Floodbar (16"/41 cm) ▶ Index & Skip Foot Pedal ▶ Pneumatic Frame Locks ▶ Squeegee Pressure Regulator ▶ Front and Rear Micro Registration ▶ Industry 4.0 | <ul style="list-style-type: none"> ▶ Flash Communication Ports ▶ 15" HMI ▶ Multi Print Mode Program ▶ Print Stack Mode ▶ Print-Start / Print-Finish mode ▶ Front to Back/Back to Front- Squeegee Mode ▶ Laser Registration Guide ▶ Maintenance Minder Program | <ul style="list-style-type: none"> ▶ Revolver Mode ▶ Pallet Pre Heat Mode ▶ Free Spin Indexer ▶ Audio Assist Technology ▶ Built In Video Tutorials ▶ LED Lights for Printhead ▶ Tool Kit |
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Note:

- This product has  certificate available.
- Install charges only include labor cost. All other costs like food, travel, airfare, visa charges & miscellaneous costs are at actual.

Specifications

	MATRIX Di 4.0 12/10	MATRIX Di 4.0 14/12	MATRIX Di 4.0 16/14	MATRIX Di 4.0 18/16	MATRIX Di 4.0 20/18
Air @ 8.5 Bar (123 psi)¹	450 l/min (15.9 cfm)	530 l/min (18.7 cfm)	610 l/min (21.5 cfm)	690 l/min (24.4 cfm)	770 l/min (27.2 cfm)
Electrical Requirements²	208-230 V, 3 ph, 23.5 A, 60 Hz, 7.5 kW (UL) 380-415 V, 3 ph, 13.5 A, 50 Hz, 7.5 kW (CE)	208-230 V, 3 ph, 26 A, 60 Hz, 8.2 kW (UL) 380-415 V, 3 ph, 13.5 A, 50 Hz, 7.5 kW (CE)	208-230 V, 3 ph, 29 A, 60 Hz, 9.0 kW (UL) 380-415 V, 3 ph, 17 A, 50 Hz, 9.0 kW (CE)	208-230 V, 3 ph, 32 A, 60 Hz, 9.7 kW (UL) 380-415 V, 3 ph, 19.5 A, 50 Hz, 9.7 kW (CE)	208-230 V, 3 ph, 34 A, 60 Hz, 10.5 kW (UL) 380-415 V, 3 ph, 21 A, 50 Hz, 10.5 kW (CE)
Diameter	478 cm (188")	526 cm (207")	571.5 cm (225")	614 cm (242")	663 cm (261")
Maximum Frame Size	66 x 91 cm (26" x 36")	66 x 91 cm (26" x 36")	66 x 91 cm (26" x 36")	66 x 91 cm (26" x 36")	66 x 91 cm (26" x 36")
Maximum Frame Size (Double Index-Skip Frame and Skip Pallet)	—	—	—	107 x 91 cm (42" x 36")	107 x 91 cm (42" x 36")
Maximum Image Area	51 x 56 cm (20" x 22")	51 x 56 cm (20" x 22")	51 x 56 cm (20" x 22")	51 x 56 cm (20" x 22")	51 x 56 cm (20" x 22")
Maximum Image Area (Double Index-Skip Frame and Skip Pallet)	—	—	—	—	81 x 56 cm (32" x 22")
Machine Weight	2402 kg (5295 lb)	2805 kg (6184 lb)	3315 kg (7308 lb)	3890 kg (8576 lb)	4482 kg (9881 lb)
Standard Pallet Size	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")
Maximum Pallet Size	56 x 76 cm (22" x 30")	56 x 76 cm (22" x 30")	56 x 76 cm (22" x 30")	56 x 76 cm (22" x 30")	56 x 76 cm (22" x 30")
Stations/Colors	12/10	14/12	16/14	18/16	20/18

¹ Consumption @ 17 pieces/min & max. image area

² Use uninterruptible power supply (UPS) to safeguard machine from voltage fluctuation out of main supply. If incoming voltage differs from the voltage(s) listed in the brochure, calculate amperage accordingly.

Crate Details

MACHINE NAME	BOX NO.	DESCRIPTION	CRATE DIMENSIONS (LXWXH)	QTY (IN NOS.)	GROSS WEIGHT
Copperhead Matrix Di 4.0 12 Station	1	Main Body	82 x 77 x 88 (in) 208 x 196 x 224 (cm)	1.00	3256 (lb) 1480 (kg)
	2	Printhead	64 x 32 x 27 (in) 163 x 81 x 69 (cm)	1.00*	290.4 (lb) 132 (kg)
	3	Pallet Arm	51 x 40 x 22 (in) 129 x 102 x 56 (cm)	1.00	402.6 (lb) 183 (kg)
	4	Pallet	33 x 25 x 26 (in) 84 x 63 x 66 (cm)	1.00	316.8 (lb) 144 (kg)
	5	Top Assembly	37 x 32 x 38 (in) 208 x 81 x 97 (cm)	1.00	308 (lb) 140 (kg)
	6	Display & Toolkit Material	45 x 20 x 21 (in) 163 x 51 x 53 (cm)	1.00	149.6 (lb) 68 (kg)
Copperhead Matrix Di 4.0 14 Station	1	Main Body	85 x 83 x 90 (in) 216 x 211 x 229 (cm)	1.00	3289 (lb) 1495 (kg)
	2	Printhead	72 x 32 x 27 (in) 183 x 81 x 67 (cm)	1.00*	303.6 (lb) 138 (kg)
	3	Pallet Arm	62 x 50 x 22 (in) 157 x 127 x 56 (cm)	1.00	512.6 (lb) 233 (kg)
	4	Pallet	33 x 26 x 35 (in) 84 x 66 x 89 (cm)	1.00	367.4 (lb) 167 (kg)
	5	Top Assembly	37 x 32 x 38 (in) 216 x 81 x 97 (cm)	1.00	297 (lb) 135 (kg)
	6	Display & Toolkit Material	45 x 20 x 21 (in) 183 x 51 x 53 (cm)	1.00	264 (lb) 120 (kg)
Copperhead Matrix Di 4.0 18 Station	1	Main Body	106 x 89 x 93 (in) 269 x 226 x 236 (cm)	1.00	5170 (lb) 2350 (kg)
	2	Printhead	75 x 32 x 27 (in) 190 x 81 x 69 (cm)	1.00*	319 (lb) 145 (kg)
	3	Pallet Arm 01	68 x 35 x 22 (in) 172 x 89 x 56 (cm)	1.00	484 (lb) 220 (kg)
	4	Pallet Arm 02	68 x 28 x 22 (in) 172 x 71 x 56 (cm)	1.00	392 (lb) 178 (kg)
	5	Pallet	33 x 26 x 35 (in) 84 x 66 x 89 (cm)	1.00	462 (lb) 210 (kg)
	6	Top Assembly	37 x 32 x 38 (in) 269 x 81 x 97 (cm)	1.00	288 (lb) 131 (kg)
	7	Display & Toolkit Material	91 x 22 x 22 (in) 190 x 56 x 56 (cm)	1.00	568 (lb) 258 (kg)
	8	Extension Top Platform	56 x 35 x 36 (in) 173 x 89 x 91 (cm)	1.00	536.8 (lb) 244 (kg)
Copperhead Matrix Di 4.0 20 Station	1	Main Body	125 x 91.5 x 92 (in) 317 x 232 x 234 (cm)	1.00	5269 (lb) 2395 (kg)
	2	Printhead	75 x 32 x 27 (in) 190 x 81 x 69 (cm)	1.00*	286 (lb) 130 (kg)
	3	Pallet Arm 01	75 x 35 x 16 (in) 190 x 89 x 41 (cm)	1.00	442.2 (lb) 201 (kg)
	4	Pallet Arm 02	75 x 35 x 16 (in) 190 x 89 x 40 (cm)	1.00	442.2 (lb) 201 (kg)
	5	Pallet	33 x 26 x 38 (in) 84 x 66 x 96 (cm)	1.00	506 (lb) 230 (kg)
	6	Top Assembly	37 x 32 x 38 (in) 317 x 81 x 97 (cm)	1.00	358.6 (lb) 163 (kg)
	7	Display & Toolkit Material	100 x 24 x 16 (in) 190 x 61 x 41 (cm)	1.00	803 (lb) 365 (kg)
	8	Extension Top Platform	56 x 35 x 36 (in) 190 x 89 x 91 (cm)	1.00	684.2 (lb) 311 (kg)

* One crate holds only one single printhead. For eg. if there are 6 printheads on order, then it will be crated into 6 individual boxes.