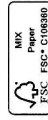


Epson inkjet printhead range

Product name	D3000-A1R	T3200-U3	S3200-U1	S3200-U3	S3200-A1	S3200-A3	S800-S1	S800-U1	S800-U3	S800-A1	I3200(A)-A1HD	I3200(A)-U1	I3200(A)-E1	I3200(A)-A1	I1600-E1	I1600-A1	L1440-U2	L1440-A2	L1440-A1	
Ink type	Aqueous	UV	UV Eco Solvent	UV Eco Solvent	Aqueous	Aqueous	UV Eco Solvent, Oil Solvent	UV Eco Solvent	UV Eco Solvent	Aqueous	UV Eco Solvent, Oil Solvent	UV Eco Solvent	UV Eco Solvent	Aqueous	UV Eco Solvent	Aqueous	UV Eco Solvent	Aqueous	Aqueous	
Type																				MACH (Multi Layer Actuator Head)
Dimensions (mm) (W x D x H)	78.2 x 71.3 x 100.4	113.4 x 52.0 x 30.35	150.4 x 30.0 x 52.0	150.4 x 30.0 x 52.0	150.4 x 30.0 x 52.0	150.4 x 30.0 x 52.0	58.1 x 8.3 x 33.8	58.1 x 8.3 x 33.8	58.1 x 8.3 x 33.8	58.1 x 8.3 x 33.8	69.1 x 59.46 x 36.7	69.1 x 59.46 x 35.6	69.1 x 59.46 x 35.6	69.1 x 59.46 x 35.6	69.1 x 59.46 x 35.6	69.1 x 59.46 x 35.6	60.4 x 46.9 x 71.1	60.4 x 46.9 x 71.1	60.4 x 46.9 x 71.1	60.4 x 46.9 x 71.1
Weight (g)	298	327	238	234	234	234	13	13	11	78	82	80	80	80	80	80	97	97	97	97
Number of nozzle	2952 (Net: 3176)	3200 (Net: 3176)	3200 (Net: 2840)	3200 (Net: 2840)	3200 (Net: 2840)	3200 (Net: 2840)	800	800	800	3200	3200	3200	3200	3200	3200	3200	1440	1440	1440	1440
Nozzle / pitch / nozzle row	1/333 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/300 inch	1/180 inch	1/180 inch	1/180 inch	1/180 inch
Nozzle rows	6	8	8	8	8	8	2	2	2	8	8	8	8	8	8	8	8	8	8	8
Nozzle resolution	1200 npi (1 colour) 600 npi (2 colours)	600 npi (2 colours) 300 npi (4 colours)	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	300 npi / row 600 npi / 2 rows	180 npi / row 360 npi / 2 rows	180 npi / row 360 npi / 2 rows	180 npi / row 360 npi / 2 rows	180 npi / row 360 npi / 2 rows
Max. number of colour	2	4	2	2	2	2	1	1	1	8	8	4	4	4	4	4	8	8	8	8
Effective print width (mm)	61.2 (2.41 inch)	67.2 (2.65 inch)	120.2 (4.73 inch)	120.2 (4.73 inch)	120.2 (4.73 inch)	120.2 (4.73 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	33.8 (1.33 inch)	25.4 (1 inch)	25.4 (1 inch)	25.4 (1 inch)	25.4 (1 inch)
Droplet ejection performance	3 or 5.5 pl / 63 kHz	7.5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz	5 pl / 48 kHz
Droplet ejection performance (Grey scale)	3 levels	4 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels	3 levels
Viscosity range (mPa·s)	5-6	7-8	8-9	8-9	8-9	8-9	9-11	9-11	8-9	3.2-4.4	6-7	5-7	2.2-4.5	2.2-4.5	2.2-4.5	2.2-4.5	5-7	2.2-4.5	2.2-4.5	2.2-4.5
Ink recirculation	Nozzle level recirculation	Not available	Common channel recirculation	Common channel recirculation	Common channel recirculation	Common channel recirculation	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Internal heater	Not available	Available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available

For further information on this project or the Epson industrial inkjet printhead range please contact industrialprinthead@epson.eu

Trademarks and registered trademarks are the property of Seiko Epson Corporation or their respective owners. Product information is subject to change without prior notice.



EPSON