

Synchroprint 5000

The iconic **Synchroprint 5000** offers the very best in technology, efficiency and sophistication making it **"the ultimate choice"** of screenprinting professionals around the world.



FEATURES AND BENEFITS

Precision crafted aluminium-steel construction	•	Independent squeegee/floodbar angle adjustment	•
Super-rigid pallet support arms for zero deflection	•	Squeegee pressure regulator on every station	•
Tablet main control unit with WIFI connectivity	•	MHM 'pin-lock' screen holding system	•
Self-diagnostic operating system	•	Adjustable screen holders for various frame sizes*	•
Instant technical support via internet	•	Electronic centralised off-contact adjustment	•
Online software updates	•	Full micro-registration with zero starting position	•
Print job memory storage via main control unit	•	Aluminium honeycomb pallets	•
High-speed AC/Servo electric index movement	•	Push button super-fast pallet changeover	•
Single/double index (in both directions)	•	Flash cure adjustments from main control unit	•
Print start/finish and sample modes	•	Foot pedal with start and hold functions	•
Production/batch counter	•	Safety system (bars)	•
Skip/miss-loaded shirt button	•	Adjustable index speed control	optional
Pre-heat pallets function	•	Laser positioning guides	optional
Powerful AC electric drive print heads	•	Smartphone / PC-app (links to tablet control)	optional
Control keypad on every print station	•	U-clamp screen holders with pneumatic lock	optional
Individual 'chopper' squeegee system	•	Multiprint function	optional
Quick release squeegees & floodbars	•	Vacuum pallet system	optional
Squeegee arm lift for increased visibility	•	Individual off-contact adjustment	optional
Independent flood/print speed controls	•	Automatic 'GOTO' registration system with job memory (Saves the actual screen positions for unlimited jobs)	optional
Tool-free front/rear stroke length adjustment	•		

*All MHM machines are compatible with both standard and re-tensionable roller frames.



Specifications	SP 08	SP 10	SP 12	SP 14	SP 16	SP 18	SP 20
Number of pallets	8	10	12	14	16	18	20
Max. number of print stations	6	8	10	12	14	16	18
Available print areas (cm / inch)	50 x 70 cm / 19.7 x 27.6"						
	70 x 100 cm / 27.6 x 39.4"			n.a.		n.a.	n.a.
	80 x 110 cm / 31.5 x 43.3"		n.a.		n.a.	n.a.	n.a.
Max. diameter: 50 x 70 cm / 19.7 x 27.6" print size	505 cm / 198.8"	505 cm / 198.8"	555 cm / 218.5"	600 cm / 236.2"	640 cm / 252"	690 cm / 271.7"	735 cm / 289.4"
Max. diameter: 70 x 100 cm / 27.6 x 39.4" print size	575 cm / 226.4"	625 cm / 246.1"	685 cm / 269.7"	735 cm / 289.4"	n.a.	n.a.	n.a.
Max. diameter: 80 x 110 cm / 31.5 x 43.3" print size	635 cm / 250"	675 cm / 265.7"	740 cm / 291.3"	n.a.	n.a.	n.a.	n.a.
Height of machine (cm / inch)	185 cm / 72.8"						
Weight of machine (kg / lbs)	2100 / 4630	2300 / 5070	2550 / 5620	2740 / 6040	3150 / 6950	3640 / 8030	3890 / 8580
Air consumption (l/min)	190 (6.7 cfm)	220 (7.7 cfm)	250 (8.8 cfm)	280 (9.9 cfm)	310 (10.9 cfm)	340 (12.0 cfm)	370 (13.1 cfm)
Rec. capacity of air supply (l/min)	500	550	550	600	650	650	700
Air pressure (minimum)	8 bar / 116 psi (filtered, dry air supply only)						
Drive System	AC-Servo drive indexer / electrical squeegee drive						
Electrical supply	3 ph-210 / 400 V, 50 / 60 Hz (+/-5%)						
Electrical requirement (indexer)	2.5 kW						
Electrical requirement (per print station)	0.4 / 0.6 kW (manual / automatic)						
Registration accuracy (mm / inch)	+/-0.02mm / +/-0.00079"						
Rec. frame profile (cm / inch)	4 x 4 cm / 1.57 x 1.57"						
Max. frame size: 50 x 70 cm / 19.7 x 27.6"	75 x 112 cm / 29.5 x 44.1"						
Max. frame size: 70 x 100 cm / 27.6 x 39.4"	91 x 144 cm / 35.8 x 56.7"						
Max. frame size: 80 x 110 cm / 31.5 x 43.3"	105 x 154 cm / 41.3 x 60.6"						
Max. production capacity (pieces/h)	900-1400 (according to model)						