



2.1 Technical specifications

Contents

Miraflex

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Required space

Length	see installation drawing
Width	see installation drawing
Height	see installation drawing

General information on the entire machine

Web width	max.	mm	1,320
Print width	max.	mm	1,270
Print repeat range		mm	370-800
Roll diameter	max	mm	800
Roll weight unwind / rewind	max.	kg	850
Core inner diameter		mm	76
Core outer diameter		mm	90
Web tension range - unwind	N		25 - 300
Web tension range - rewind	N		25 - 350
Web tension range - draws	N		25 - 350
Machine speed	max.	m/min	370
(The machine speed depends on job specifications and print related factors.)			

Materials to be printed

LDPE, PP	µm	20 -150
HDPE, OPP	µm	12 -100
Composites	µm	up to 150
PET, OPA, BOPP	µm	10 - 30
Paper	grs/m ²	30 - 120
The max. paper web width of up to 120 grs/m ² can only be realized with a web tension of 450 N.		

Power supply

Total connected load	KVA	240
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Cooling water requirements

Cooling water required per chill roll	approx.	m ³ /h	1.5
Cooling water required per temperature control unit	max.	m ³ /h	2.0
Compressed air pressure (overpressure)		kPa	600

**Cooling water requirements**

Compressed air volume required for TURBOCLEAN (for pumps and agitators)	approx.	m ³ /h	270
Compressed air volume required for solvent analyzers	approx.	m ³ /h	12
Compressed air volume required for a sleeve change (to be understood for a sleeve change normally lasting less than 1 minute)	approx.	m ³ /h	2.5

Tunnel drying (gas-heated)

Supply air volume - between-color, max. approx.	m ³ /h	3,610
Supply air volume - tunnel, max. approx.	m ³ /h	6,470
Total air outlet volume, between-color and tunnel (reference temperature 20 °C)	m ³ /h	3,010 - 6,770
Air outlet temperature, approx.	°C	68
Fresh air volume, between-color, min.	m ³ /h	1,840
Fresh air volume, tunnel, min.	m ³ /h	1,170
Additional fresh air volume, between-color, max.	m ³ /h	1,690
Additional fresh air volume, tunnel, max.	m ³ /h	2,860
Fresh air temperature, approx.	°C	20
Heating capacity - between-color, approx. (at max. supply air and max. fresh air volume)	kJ/h	120,000
Heating capacity - tunnel, approx. (at max. supply air and max. fresh air volume)	kJ/h	320,000
Nozzle air exit temperature - between-color, max. (with heating switched off, ambient temperature plus)	°C	100
	°C	25 - 30
Nozzle air exit temperature - tunnel, max. (with heating switched off, ambient temperature plus)	°C	120
	°C	25 - 30
Nozzle air velocity - between-color	m/s	55 ±10%
Nozzle air velocity - tunnel	m/s	45 ±10%

Noise

Max. sound level (as per DIN EN ISO 3746 / EN 13023. This guarantee of sound level does not apply, if additional components are incorporated into the machine and that these are not part of the W&H supply.)	dB(A)	83
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