



## 2 Technical specifications

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## 2.1 Technical specifications

Required space	
Length	See installation drawing
Width	
Height	

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	70 / 76
Core outer diameter		mm	80 / 85
Web tension range - unwind		N	25-330
Web tension range - rewind		N	25-350
Web tension range - draws		N	25-350
Machine speed (however, depending on job specifications and print related factors)	max.	m/min	300

Materials to be printed		
LDPE, PP	µm	20 -150
HDPE, OPP	µm	12 -100
Composites	µm	up to 150
Paper	g/m <sup>2</sup>	30 -120
PET, OPA, BOPP	µm	10 - 30

Power supply		
Installed load	KVA	312

Cooling water requirements			
Chill roll (per chill roll)	approx.	m <sup>3</sup> /h	1.5
Temperature control unit	approx.	m <sup>3</sup> /h	2.0



<b>Compressed air requirements 1)</b>			
Pressure (operating pressure)		kPa	600
Required volume (at normal printing process)	approx.	m <sup>3</sup> /h	1.75
Additional volume for a period of 5 m/min. (required when changing sleeves)	approx.	m <sup>3</sup>	2.5
Additional volume (required when using TURBOCLEAN)	approx.	m <sup>3</sup> /h	340

<b>Drying system (gas-heated)</b>			
Supply air volume - between-color	max. approx.	m <sup>3</sup> /h	4,640
Supply air volume - tunnel	max. approx.	m <sup>3</sup> /h	6,320
Total exhaust air volume - between-color and tunnel (reference temperature: 20°C)		m <sup>3</sup> /h	6,890
Exhaust air temperature	max.	° C	61
Fresh air volume		m <sup>3</sup> /h	2,950
Fresh air temperature		° C	20
Heat energy - between-color (at max. supply air temperature and fresh air volume)	approx.	KJ/h	180,000
Heat energy - tunnel (at max. supply air temperature and fresh air volume)	approx.	KJ/h	340,000
Nozzle temperature - between-color (with heating switched off)	max.	° C	100
Ambient temperature plus		° C	20 - 30
Nozzle air velocity - between-color		m/s	55 ± 10%
Nozzle air velocity - tunnel		m/s	45 ± 10%

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



2.2 Notes