

3.1. Main technical data

Machine direction	From left to right
Nos. of Printing units	8 color (normal and reverse printing for last unit)
Max.web width	1050 mm
Max. Mechanical speed	280m/min
Max. Printing speed	250m/min (while plate cylinder dia. is $\Phi 170\text{mm}$)
Unwinder diameter	$\Phi 600\text{mm}$
Rewinder diameter	$\Phi 600\text{mm}$
Paper core diameter for UW/RW	$\Phi 76\text{mm} \times \Phi 92\text{mm}$ 3"
Web fixing method for un/rewinder	Pneumatic taper chucked
Min. dia. Of new web roll	$\Phi 200\text{mm}$
Register accuracy	Vertical $\leq \pm 0.1\text{mm}$ (Auto.) Side-lay $\leq \pm 0.1\text{mm}$ (Auto.) Reverse $\leq \pm 0.2\text{mm}$
Tension range	3-30kgf
In/out feed tension accuracy	$\pm 0.3\text{kgf}$ (full load)
Max. printing pressure	500kgf
Hardness of impression roller	Hardness (A)70°~75°
Plate cylinder dia.	$\Phi 120\text{mm} \sim \Phi 300\text{mm}$
Doctor blade oscillation	$\pm 5\text{ mm}$
Max. temperature in dryer	80°C(Room temp.35°C)
Web length in dryer	2300mm+150mm cooling air chamber for last color unit
	1800mm+150mm cooling air chamber for other units;
Air velocity	5-25m/s
Hot air reuse rate	2%~50%
Temperature control accuracy	$\pm 2^\circ\text{C}$
Max. Air supply capacity	4900m ³ /h for last color unit 3900m ³ /h for other units
Power of blower	7.5kw for last color unit 5.5kw for other color units
Distance between printing units	1600mm
Cooling water consumption	Approx. 8t/h
Heating method	Gas heating
Total power	Approx.161kw
Machine dimension	Approx. 20905X4650X4043mm LXWXH