

# Digital printing machine

## Central impression Inkjet System



### FEATURES

- Central impression based inkjet printing machine
- White and CMYK via inkjet heads
- UV low migration inks
- 360 dpi (80 m/min)
- 720 dpi upscale in web direction (50-60 m/min)
- Mechanical speed up to 100 m/min
- Primer and top coating possible via flexo press units
- Turning Device for front- and backside printing in one production step (max. web width 100 mm)
- 216 mm printing width (2x108 mm by ink jet heads)
- Extendable width by 108 mm steps possible
- Stepless, no Format limitation, due to "digital" technology
- Chilled impression cylinder
- LED pinning and/ or UV lamp drying (different spectrums)
- Winding and unwinding upon customer request from mono up to turret winding systems
- Technical support via Internet/ Ethernet connection and 3D visual operator guidance

Contact us for the preparation of an offer tailored to your needs

## Flexo

## Digital

	FD2/6/400 UV	FD2/6/400 Solvent 2K	CPS digital CI 250
<b>Speed</b>	65-80 m/min	65-100 m/min	80 m/min
<b>Drying and power consumption</b>	6x UV Lamps 180 W/cm => ~ 48 kW total	~ 40-60 kW for hot air generator total (note, gas EX design!)	4x LED pinning = 0.7 kW 3x UV Lamps 120 W/cm => ~ 8 kW total
<b>Colors/ Inks</b>	6x Flexo units	6x Flexo units	W+CMYK via inkjet heads 2x Flexo units for Primer and Topcoating
<b>Material width</b>	400 mm (2x 180 mm if front- and backside printing in one step)	400 mm (2x 180 mm if front- and backside printing in one step)	218 mm (2x 100 mm if front- and backside printing in one step)
<b>Web track (front-&amp; backside)</b>	~ 40-50 m	~ 40-50 m	~ 26 m
<b>Paper waste for each job</b>	~ 200-300 m	~ 200-300 m	~ 20 m
<b>Budgetary price</b>	~ 920,000.00 EUR	~ 880,000.00 EUR	~ 1,160,000.00 EUR
<b>Time for new job to start</b>	120-180 min	120-180 min	2-3 min
<b>Job fix costs</b>	500-600 EUR for new Cliches	500-600 EUR for new Cliches	no Cliches needed
<b>Color costs</b>	35-60 EUR/kg (plus color losses)	8-15 EUR/kg (plus color losses)	~ 80 EUR/kg (no losses)
<b>Keyfacts</b>	finite longitudinal register		digital endless
	finite format length		digital endless
	longitudinal and side format corrections not possible		does not apply
	storage costs for already printed rolls high		less cost due to just in time manufacturing
	not possible		FDA, EU 1935/2010 and 3.1 Certificates possible