



Web offset Printing with B1 Format

DG press

service & innovation for you

www.dgpress.nl

Pharmaceutical inserts



Pharmaceutical inserts are printed on thin paper with a small font and folded in a compact package. The challenges are:

- Precise printing of small fonts without defects
- Sheeting and stacking of very thin paper at high speeds
- Bigger format sheets (up to B1 format) to include more languages
- Inline inspection of pharma leaflets to detect failures
- Highly efficient production to ensure lowest cost-to-print

Selection of pharma printers using DG web offset presses:



High web offset speed compared to sheet fed

Release of the new **DG-AUXO 1085 40" Pharma** gives printers the possibility to produce B1 leaflets in both short grain as in long grain direction at 400 m/min.

Sheetfed		40"	26"
Copies	cph	12.000	12.000
Cut-off	mm	1016	660,4
Speed	m/s	3,39	2,20
	m/min	203	132
Web Offset		40"	26"
Copies	cph	23.622	36.342
Cut-off	mm	1016	660,4
Speed	m/s	6,67	6,67
	m/min	400	400

Comparison:

- Sheet fed presses are rated in cph and web offset presses in m/min
- Sheet fed presses for pharma leaflets run appr. 12.000 sheets per hour in practice (rated speed is higher, but not reached with 40gsm paper)
- This translates to 203 m/min for large sheets of 40" and 132 m/min for smaller sheets of 26"
- Web offset speed (web to-sheet) is 400 m/min for large and smaller sheets, thus **2 - 3 times higher production speed**



DG-AUXO print length 30" and 40"



Design changes:

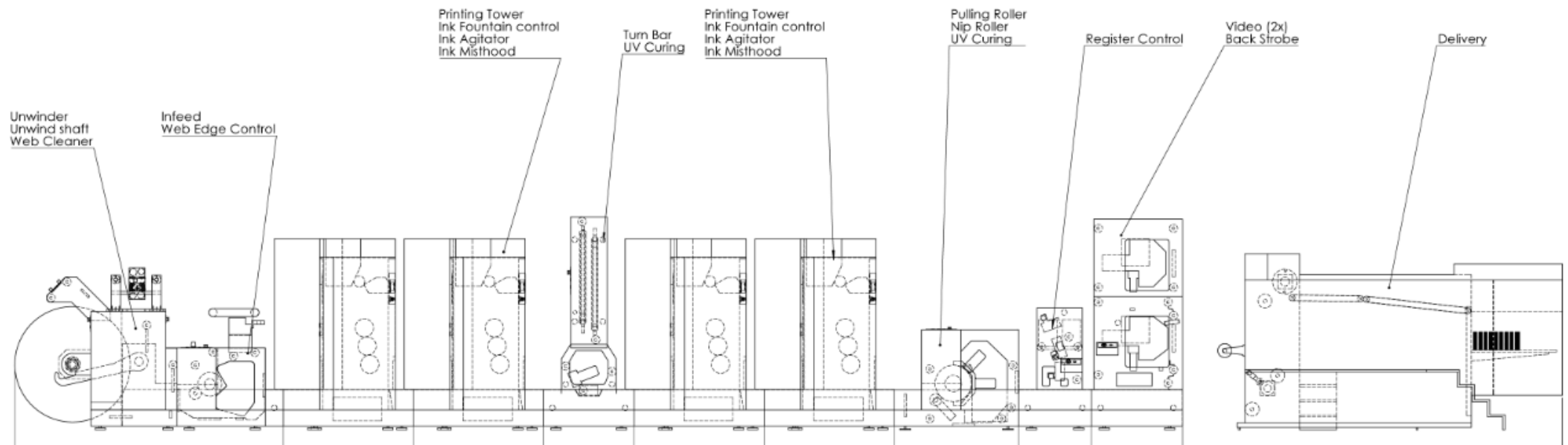
- Print length range 26-40"
- Design is 60mm longer and 120mm higher
- Higher stiffness of impression cylinder
- High commonality with existing DG-AUXO
- Two or three form rollers based on printing requirements
- Pro-Arm System remains possible

Sheeter options

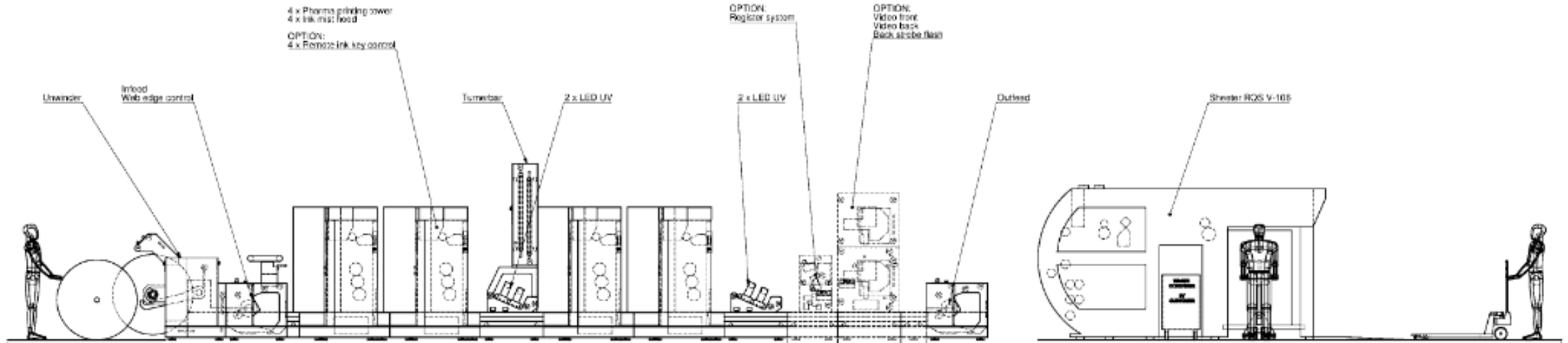


	VITS Multicut HP4432 Variable Servo Sheeter	BW Papersystems RQS-V Rotary Sheeter
Production web speed	max. 1,150 fpm (350 m/min)	max. 1,312 fpm (400 m/min)
Working width	min. 20.7"- max. 42.7" (525mm –1.085 mm)	min. 20.7"- max. 41.7" (525 mm – 1.060 mm)
Cut-off length	min. 26"- max. 40" (660,4 mm – 1.016 mm)	min. 26"- max. 40" (660,4 mm – 1.016 mm)
Stack height with pallet	max. 48" (1.219 mm)	max. 59" (1.500 mm)
Stack weight with pallet	max. 3,000 lbs (1.400 kg)	max. 3,000 lbs (1.400 kg)
Substrate Range	37 to 190 gsm	37 to 190 gsm
Cutting accuracy	+/- 0.010" (+/- 0,25 mm)	+/- 0.006" (+/- 0,15 mm)

DG-AUXO for Pharma Printing with VITS sheeter



DG-AUXO for Pharma Printing with RQS-V sheeter



DG-AUXO technical specifications

Specifications:	DG-AUXO 900	DG-AUXO 1085
Web Width	900mm (35.43 inches)	1085mm (42,72 inches)
Max. Print Width	890mm	1050mm
Max. Printing Speed	400m/min (1312 ft)	400m/min (1312 ft)
Repeat Range Standard	406 – 762mm (16 – 30")	406 – 762mm (16 – 30")
Repeat Range Pharma	660 – 1016mm (26 – 40")	660 – 1016mm (26 – 40")
Repeat Steps	Stepless	Stepless
Substrate Range	30 gsm – 240 gsm	30 gsm – 240 gsm





Get connected!

ADDRESS

Hallseweg 21, Hall
The Netherlands

PHONE

+31 313 671911

WEBSITE

EMAIL

info@dgpress.nl
r.jansen@dgpress.nl



