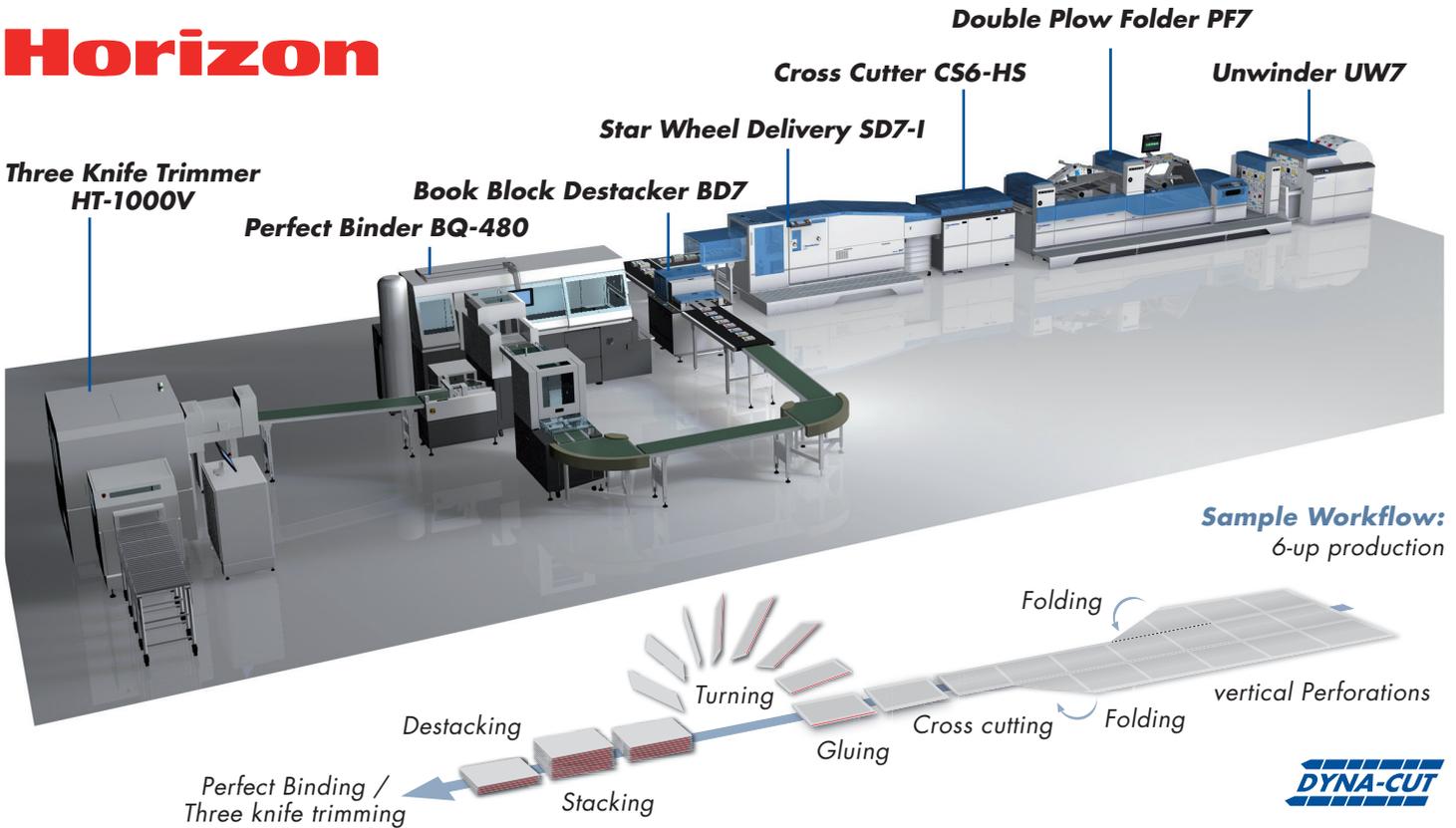


Inline book production with technology from Hunkeler and Horizon



Horizon



Books in soft-cover Production

Inline production of variable-format softcover books Hunkeler POPP7 book block production modules and Horizon perfect binding technology are united in one complete production system. The UW7 unwind module feeds a web up to 30 inches wide into the PF7 plow folder, where two longitudinal folding stations create either 4-, 6- or 8-page signatures. The web is then cross-cut in the high-performance CS6-HS cutting module. Dynacut capability allows production of variable spine-length book blocks. The signatures are gathered and glued into variable sheet-count book blocks, then exit via the SD7-I star wheel delivery. The book block stacks are then transported to the newly-developed BD7 book destacker which intelligently separates variable-format and variable thickness book blocks from the stack. The book blocks are transferred to the new Horizon BQ-480 perfect binder for spine

preparation, gluing and cover application before being three-knife trimmed in the zero-makeready, fully-variable Horizon HT-1000V.

Technical data

Max. roll diameter:	54"	1370 mm
Web width:	up to 30"	up to 762 mm
Production speed:	up to 492 ft/min	up to 150 m/min
Paper weights:	60 – 150 gsm	40 – 100 lb offset/book
Folds:	1 to 2 plow folds (2 to 4 layers)**	
Format length:	7 – 14"	178 – 355 mm
Book block thickness:	up to 2"	up to 50.8 mm
Stack height:	max. 4 ¾	max. 120 mm
**Folding types:	Parallel fold, roll fold, double parallel fold	