

IBIS Smart Binders - Since 1999

IBIS, founded in the United Kingdom in 1999, is a world-leading supplier of high-speed digital book finishing systems. The IBIS Smart Binder 'Plus HS' can produce personalized, variable page-count wire-stitched (SB-2) or cold-glued (SB-3). These systems are used around the world to produce personalized booklets for schools, health care, insurance, financial, government, and many other applications. Notable installations include RR Donnelley, O'Neil Digital Solutions, Pearson Educational, Broadridge, and Liturgical Publications.

Booklet production speeds on the IBIS Smart Binder can vary depending on number of sheets, pages, and page size. Smart Binders can be used with any web width from about 12" up to about 18 1/2" (or wider with special modifications). IBIS SB-2 and SB-3 HS support outputs at 7,000/hr. With the F-100 folder, the Smart Binder can handle a web speed of 590-656 feet/min. vs. 426 feet/min without.

Below are some speed examples. If you do not see the booklet size you are trying to produce below, let us know and we can provide the required information!

Off-Line - 8 1/2 x 11", Fed From SB-095 or SB-097

# of Sheets	# of Pages	Output Rate (Books/Min.)	Output Rate (Books/Hour)
2	8	116.0	6,960
3	12	116.0	6,960
4	16	100.0	6,000
6	24	66.7	4,002
8	32	33.3	1,998
12	48	25.0	1,500

Near-Line - 8 1/2 x 11", Fed From 18" Web

# of Sheets	# of Pages	Web Unwind (Ft./Min.)	Output Rate (Books/Min.)	Output Rate (Books/Hour)
2	8	222	116.0	6,960
3	12	333	116.0	6,960
4	16	400	104.4	6,264
6	24	400	69.6	4,176
8	32	400	52.2	3,132
12	48	400	34.8	2,088

Note the improved output speed of 16-48 page booklets!

Near-Line - 5 1/2 x 8 1/2", Fed From 12" Web

# of Sheets	# of Pages	Web Unwind (Ft./Min.)	Output Rate (Books/Min.)	Output Rate (Books/Hour)
2	8	174	116.0	6,960
3	12	261	116.0	6,960
4	16	320	106.6	6,368
5	24	320	85.3	5,118
6	32	320	71.1	4,266
7	48	320	60.9	3,656

Near-Line - 5 1/2 x 8 1/2", Fed From 18" Web Using TUSDC Module

# of Sheets	# of Pages	Web Unwind (Ft./Min.)	Output Rate (Books/Min.)	Output Rate (Books/Hour)
2	8	116	116.0	6,960
3	12	174	116.0	6,960
4	16	210	105.0	6,300
6	24	210	70.0	4,200
8	32	210	52.5	3,150
12	48	210	35.0	2,100

Near-Line - 5 1/2 x 8 1/2", 18" Web With RF-100 (8-Pages)

# of Sheets	# of Pages	Web Unwind (Ft./Min.)	Output Rate (Books/Min.)	Output Rate (Books/Hour)
1	8	116	116.0	6,960
2	16	210	105.0	6,300
3	24	210	70.0	4,200
4	32	210	52.5	3,150
6	48	210	35.0	2,100

Frequently Asked Questions

- Q Can the IBIS Smart Binder run 2-up and at what speeds?**
A Yes, the IBIS Smart Binder can run 2-up to double output with our optional 4th and 5th knife assembly.
- Q What else plays a factor in the speed of the Smart Binder?**
A The speed of the roll unwinder is one of the main factors in the throughput of the Smart Binder. Paper weight and humidity also play a significant factor.