

ISB-3G



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Automatic Squaring, Bundling
Strapping Machine

Less wear and energy needs

All operating functions are controlled by 6 motors helping to reduce wear and energy usage.

Reduced set up time

Single or double pusher has easy automatic format change without removing/replacing the pusher.

Intuitive HMI system

Provides complete process control and simplified set-up and service needs display.

Smaller bundle sizes (option)

The ISB has an option to handle smaller bundle sizes of just 150mm to suit customer requirements.



ISB-3G Inline Squarer Bundler



ISB-3G Technical Specifications

Single Pusher, Capacity	Up to 22 bundles/ minute*
Twin Pusher, Capacity**	Up to 38 bundles/ minute*
Conveyor Speed	0.4 - 1m/s
Strap Type	Polypropylene
Strap Width	5mm - 9mm (Option)
Power Supply	400 V, 3-phase, 50 Hz 460 V, 3-phase, 60 Hz
Power Input	3 - 5kVA
Recommended Fuse	16A
RCCBs (residual current circuit breakers)	≥300 mA
Air Supply	5 - 7bar, 0.5" quick disconnecter
Air Consumption	Air consumption: max. 360 l/min
Ambient Temperature	+15° C to +35° C
Humidity	90% max. (no dewing)
Noise Level	L _{PA} max. 83 dB (A)

*Depending on bundle size. **Twin pusher available as an option.

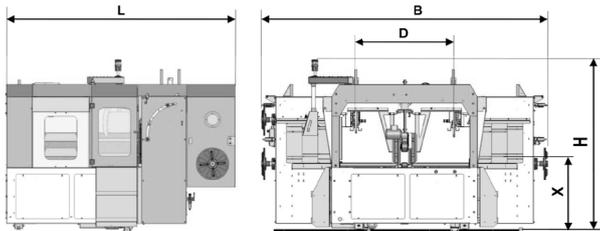
Machine Weight

ISB 13 Mono	1,900kg
ISB 16 Mono	1,950kg
ISB 13 Twin	2,700kg
ISB 16 Twin	2,800kg

Dimensions:

Illustrations show ISB Mono and ISB Twin machines. All dimensions in mm.

ISB Twin

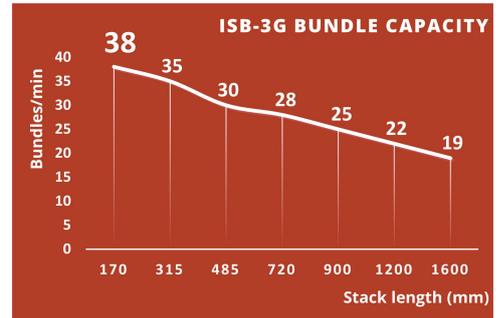


Machine dimensions:

Machine Type	L	B min/ max	D	H	X
ISB 13 Twin	2,820	2,650/ 3,500	2,500	2,000	850 - 1,200
ISB 16 Twin	2,820	2,650/ 3,500	2,500	2,000	850 - 1,200
ISB 20 Twin	3,320	2,650/ 3,500	2,500	2,000	850 - 1,200

Stack sizes:

Machine Type		Width		Length		Height	
		Min.	Max.	Min.	Max.	Min.	Max.
ISB 13	Single Head	170	1,300	170	1,600	50	350
	Double Head	450	1,300	170	1,600	50	350
ISB 16	Single Head	170	1,300	170	1,600	50	350
	Double Head	450	1,600	170	1,600	50	350
ISB 20	Single Head	170	1,300	170	2,100	50	350
	Double Head	450	2,000	170	2,100	50	350

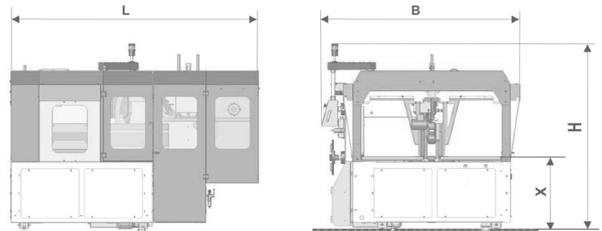


Up to 38 bundles per minute with Twin Pusher option. Maximum speed may vary depending on the configuration and conditions of use.

Optional Extras

- Second bundle pusher
- Upper compacting belt
- Automatic strap coil changing (autosplice)
- Automatic counter ejector alignment
- Strap removal/ threading system
- Optional 9mm PP strap version
- Exit conveyor
- Low on strap detection system
- Cooling fan in electrical cabinet
- Air conditioning in electrical cabinet
- Power entry conveyor (1,000mm)
- Special height machine undercarriage
- 200mm strap core
- Eject faulty bundles in combination with Sigsorter

ISB Mono



Machine dimensions:

Machine Type	L	B	H	X
ISB 13 Mono	2,820	2,253	2,000	850 - 1,200
ISB 16 Mono	2,820	2,553	2,000	850 - 1,200
ISB 20 Mono	3,320	2,820	2,000	850 - 1,200

Stack sizes:

Machine Type		Width		Length		Height	
		Min.	Max.	Min.	Max.	Min.	Max.
ISB 13 Mono	Single Head	170	1,300	170	1,600	50	350
	Double Head	450	1,300	170	1,600	50	350
ISB 16 Mono	Single Head	170	1,600	170	1,600	50	350
	Double Head	450	1,600	170	1,600	50	350
ISB 20 Mono	Single Head	170	2,000	170	2,100	50	350
	Double Head	450	2,000	170	2,100	50	350

