



TSAIR SHUENN MACHINERY IND CO., LTD.
SBL MACHINERY CO., LTD.

108, Sec. 1, Ganyuan St., Shulin Dist.,
New Taipei City 23880, Taiwan
Tel: +886-2-2680-2199 Fax: +886-2-2680-2197
<http://www.sbl.tw> E-mail: info@sbl.tw



STS MACHINERY CO., LTD.

Xi-Cheng Industrial Area2,
Heng Li Town, Dongguan City, China. 523465
Tel: +86-769-82180588 Fax: +86-769-81180989
<http://www.stsmachinery.com>



PRODUCT CATALOG

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SBL

SBL was founded in 1968 with philosophy of “ Make the Best better”. With many years of manufacturing experiences SBL has the expertise in postpress machine production. The skills we acquired and technique we equipped are always keeping pace with European pioneers like Switzerland and Germany. In order to provide better quality products and expand our production capacity, in 2010 SBL invest 30 million of US Dollars for the headquarter and new factory building which covers 13,000M², accommodating R&D, customer training, employee on-job training and new manufacturing equipment in this modernized factory. To encounter the unpredictable competition in the market, adaptability has become a key to an enterprise. SBL planned a restructure of our organization, apart from fulfilling ISO-9001, ISO-14001, CE and GS standards and certificates to ensure our product quality, meanwhile successfully expand our production capacity and efficiency with the help of TPS management (Lean Production). To be competitive on the world stage, SBL will increase investment in Taiwan and build a precision processing center to level up the knowledge and precision of key components.

History of SBL

1968 - Start with production of Hand-Fed platen die cutter.

1975 - Start to manufacture Straight Line Folder Gluer with TS brand and successfully selling in Taiwan with good market shares.

1988 - Start to make the Automatic Platen Die Cutter and selling as SBL brand to Taiwan and worldwide.

1991 - Construct a new building as the 2nd factory to extend the productivity of Auto-Platen die cutter and Foil Stamping machines. Set up world-wide dealers .

1997 - Establish STS in China to provide paper converting machines and customer services to China market.

2005 - Collaborate with Heidelberg Druckmaschinen AG for certain model of machines.

2011 - Establish Dongguan Tsai Shuenn Co., Ltd in Dongguan, China, and expand production capacity.

2013 - Completion of new manufacturing building, combining with the 2nd factory building for a total of 30,000 square meters of manufacturing floor space, covering 12,000 square meters ground space.

2014 - SBL Machinery Co., Ltd won the 11th National Brand Yushan Award.

Establish sophisticated spare parts processing center.

2015 - ISO 14001 : 2004 + Cor1 : 2009 granted

2016 - ISO 9001 : 2015 by DQS, Germany

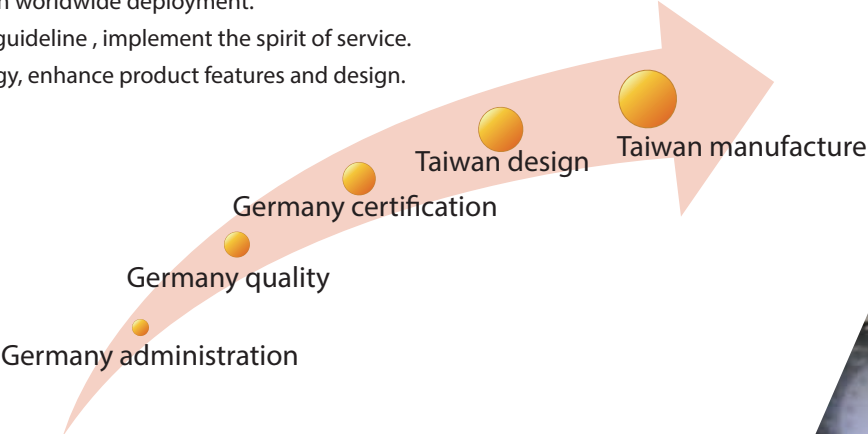


Business Strategy



Prospect

- 1. Forge ahead with precision production, improve product quality.
- 2. Build up brand value, stretch worldwide deployment.
- 3. Follow customer-oriented guideline , implement the spirit of service.
- 4. Establish the core technology, enhance product features and design.



Certificate

Germany GS certificate
2014 National brand Yushan Award
ISO 14001 : 2004 + Cor1 : 2009
ISO 9001 : 2015



Automatic Diecutting and Creasing Platen

- SBL-820 series
- SBL-1050 series
- SBL-1060 series
- SBL-1150 series
- SBL-1300 series



SBL-820

Automatic Diecutting and
Creasing Platen



SBL-1060

Automatic Diecutting and
Creasing Platen



SBL-1050

Automatic Diecutting and
Creasing Platen



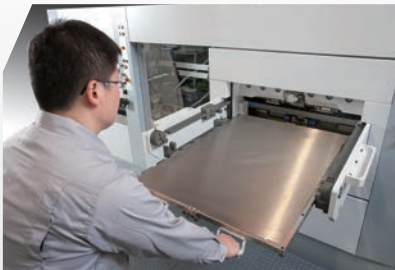
SBL-1150

Automatic Diecutting and
Creasing Platen



SBL-1300

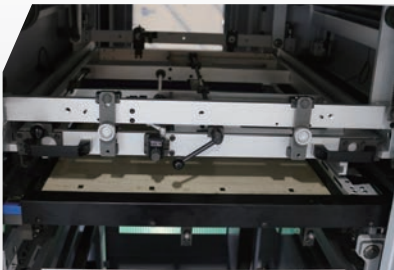
Automatic Diecutting and
Creasing Platen



· Micro-adjustment underplate



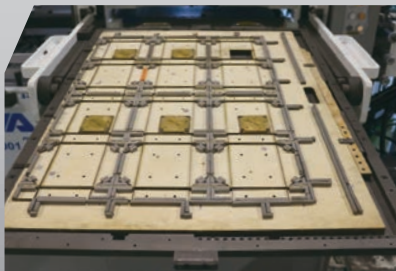
· Front lay with 6 cams



· Stripping quick lock chase (option)



· Feeder table



· Die Cutting Chase



Automatic Foil Stamping and Diecutting Platen

- SBL-820 series
- SBL-1050 series
- SBL-1060 series
- SBL-1300 series



SBL-820

Automatic Foil Stamping and
Diecutting Platen



· HQ electrical control



· Foil break detector



· Foil rewind system

SBL-1050

Automatic Foil Stamping and
Diecutting Platen



· Honeycomb



· Stripping make-ready table (option)



· Chase changer (option)



chase changer(option)

SBL-1060

Automatic Foil Stamping and
Diecutting Platen



SBL-1300

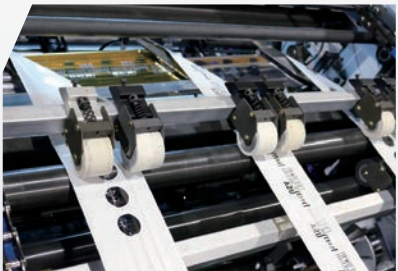
Automatic Foil Stamping and
Diecutting Platen



· Servo control system



· Foil rewind system



· Foil feeding system



· Transversal waste foil rewinding device



· Transversal foil feeding device

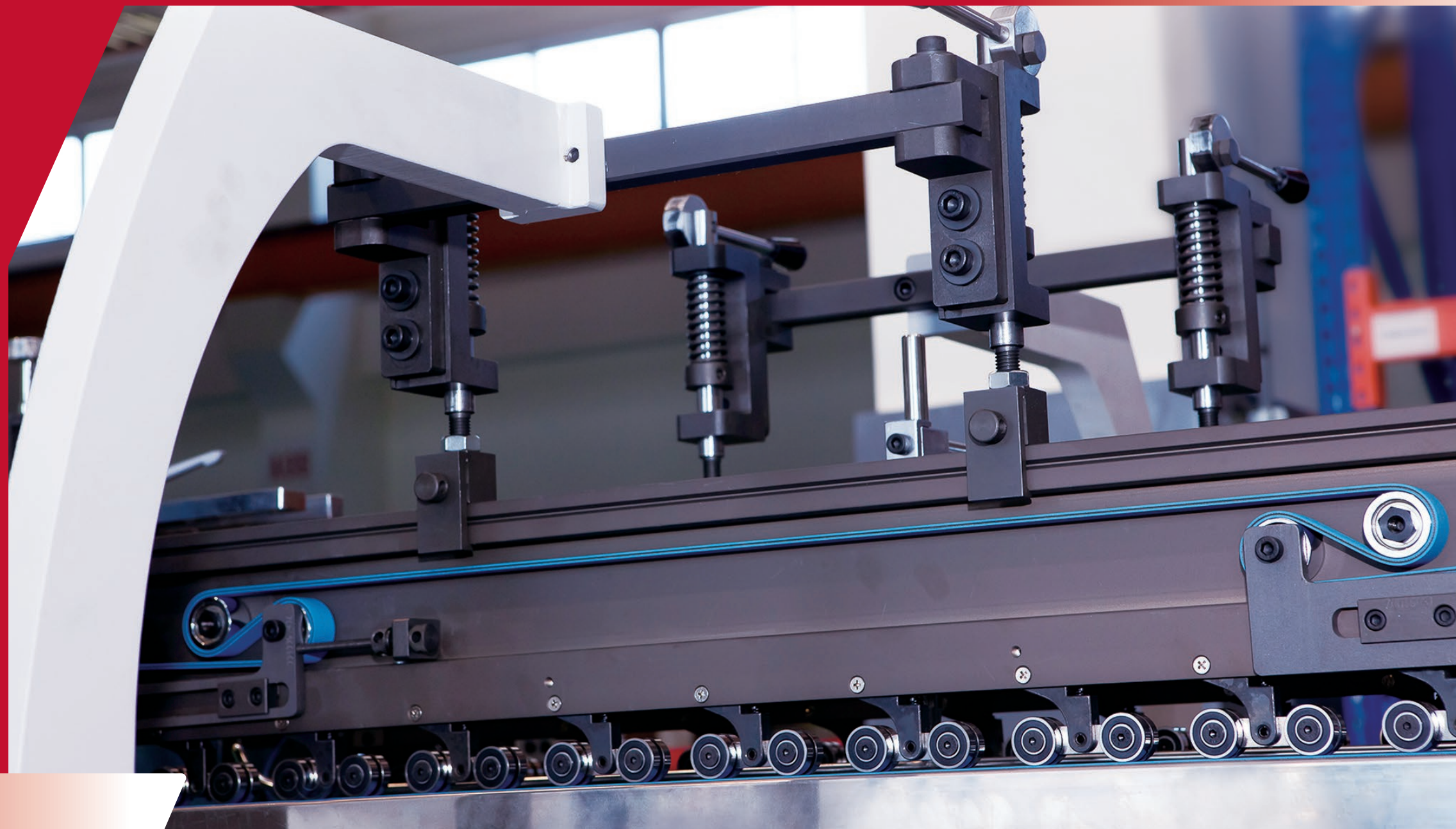


· 6 shafts rewinding device



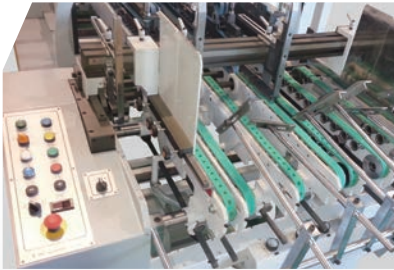
High Speed Folding and Gluing Machine

- TS-550 series
- TS-800 / 1000 series
- TS-1100 / 1200 / 1350 / 1450 series
- TE-1000 series

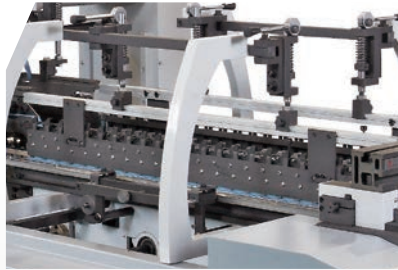


TS-800 / 1000

High Speed Folding and
Gluing Machine



· Feeder



· Alignment (option)



· Pre-folding



· Bottom folding



· Lower gluing



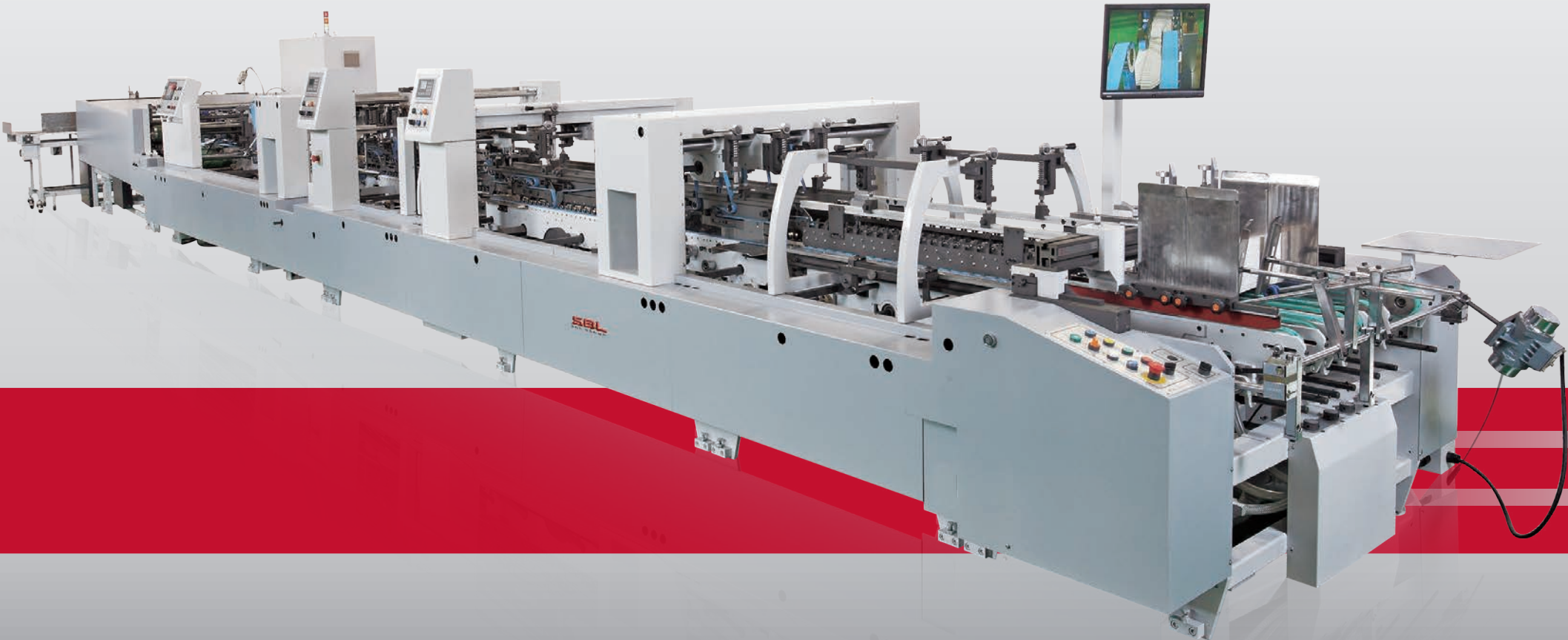
· Final folding



· Press folding



· Conveyor



TS-550

High Speed Folding and
Gluing Machine



TS-1100/ 1200 /1350 /1450

High Speed Folding and
Gluing Machine



·Alignment (option)



·Bottom folding



·Final folding



·Servo Driven Back Folding Mechanism
(option)



·Alignment (option)

TE-1000

High Speed Folding and
Gluing Machine



· Lower gluing



· Final folding



· Press folding



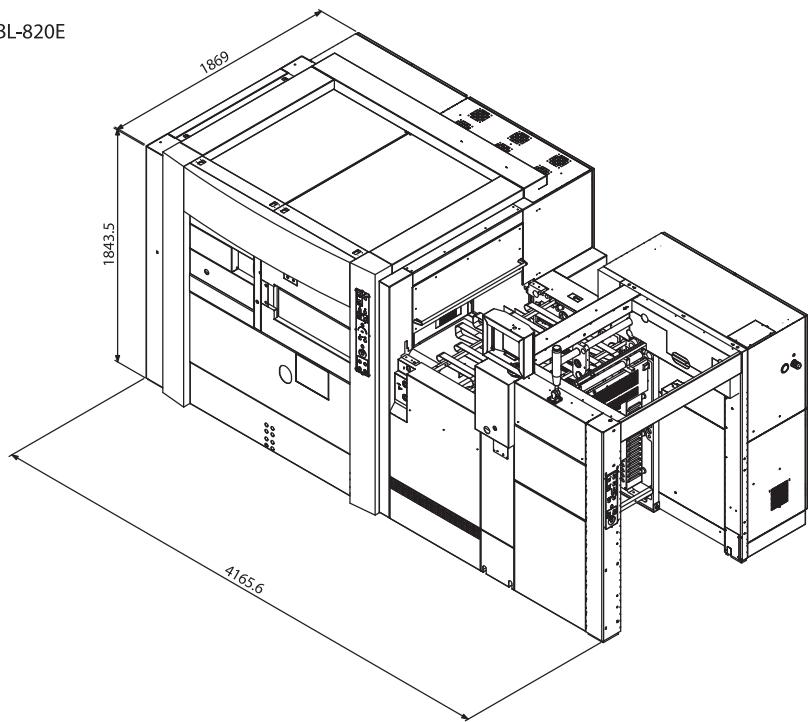
Automatic diecutting and creasing platen specifications

820 series

Item	E	SE
Description	without stripping	with stripping
Max. paper size	815mm × 605mm	815mm × 605mm
Min. paper size	320mm × 280mm	320mm × 280mm
Max. die-cutting paper size	805mm × 590mm	805mm × 590mm
Min. gripper margin	9.5mm	9.5mm
Die-cutting force	200Tons	200Tons
Inner size of die chase	926mm × 618mm	926mm × 618mm
Cutting plate size	848mm × 600mm	848mm × 600mm
Range of material thickness	0.1mm~2mm(80~1400gsm)	0.1mm~2mm(80~1400gsm)
Corrugated paper	≤4mm	≤4mm
Height of cutting rules	23.6mm	23.6mm
Max. punching speed	8000S/H	8000S/H
Register tolerance	±0.075mm	±0.075mm
Total power	15KVA	15KVA
Outer size of machine(mm)	4166L × 1869W × 1844H	5017L × 1869W × 1844H
Machine weight (approx.)	9Tons	10Tons
Feeder pile height with pallet	900mm	900mm
Feeder pile height with pallet(without non-stop)	1000mm	1000mm
Delivery pile height	740mm	740mm
Feeder pile height with 300mm elevation(option)	1300mm	1300mm
Version	V.02	-
Small sheet device (option)	-	-
Gripper bite (minimum)	3mm	3mm

Brochure content for reference only, actual specifications are based on QUOTATION.

SBL-820E



UNIT: mm

Automatic diecutting and creasing platen specifications

1050 series

Item	E	SE
Description	without stripping	with stripping
Max. paper size	1050mm × 750mm	1050mm × 750mm
Min. paper size	400mm × 370mm	400mm × 370mm
Max. die-cutting paper size	1040mm × 730mm	1040mm × 730mm
Min. gripper margin	9.5mm	9.5mm
Die-cutting force	300Tons	300Tons
Inner size of die chase	1144mm × 760mm	1144mm × 760mm
Cutting plate size	1080mm × 736mm	1080mm × 736mm
Range of material thickness	0.1mm~2mm (80~1400gsm)	0.1mm~2mm (80~1400gsm)
Corrugated paper	≦4mm	≦4mm
Height of cutting rules	23.6mm	23.6mm
Max. punching speed	7500S/H	7500S/H
Register tolerance	±0.075mm	±0.075mm
Total power	20KVA	20KVA
Outer size of machine(mm)	4625L × 2204W × 2132H	5683L × 2204W × 2132H
Machine weight (approx.)	15Tons	16Tons
Feeder pile height with pallet	1000mm	1000mm
Feeder pile height with pallet (without non-stop)	1200mm	1200mm
Delivery pile height	840mm	840mm
Feeder pile height with 300mm elevation(option)	1500mm	1500mm
Version	V.02	V.02
Small sheet device (option)	350mm × 300mm	350mm × 300mm
Gripper bite (minimum)	3mm	3mm

Brochure content for reference only, actual specifications are based on QUOTATION.

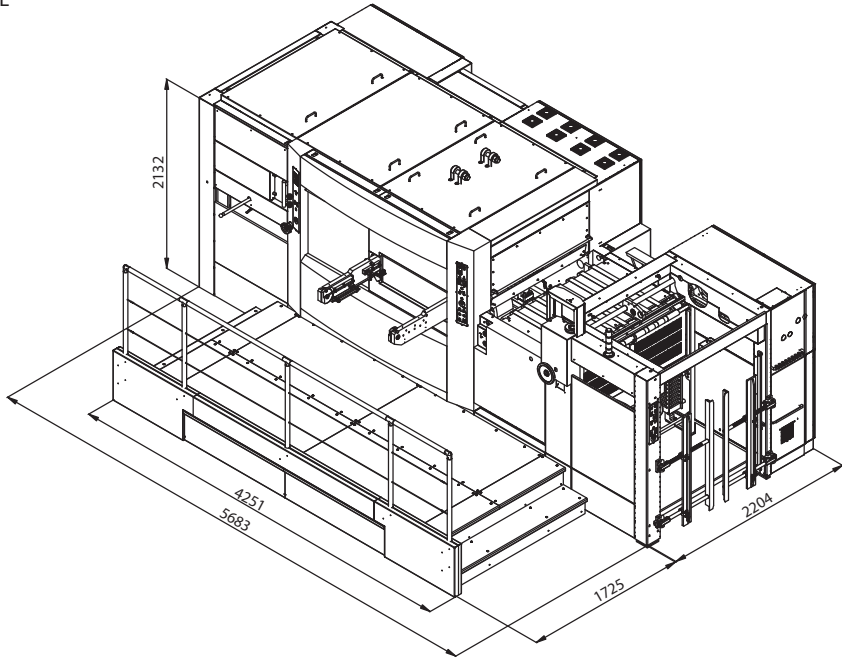
Automatic diecutting and creasing platen specifications

1060 series

Item	E	SE
Description	without stripping	Die cutting and stripping
Max. paper size	1060mm × 760mm	1060mm × 760mm
Min. paper size	400mm × 350mm	400mm × 350mm
Max. die-cutting paper size	1045mm × 745mm	1045mm × 745mm
Min. gripper margin	11mm	11mm
Die-cutting force	300Tons	300Tons
Inner size of die chase	1075mm × 769mm	1075mm × 769mm
Cutting plate size	1076mm × 756mm	1076mm × 756mm
Range of material thickness	0.1mm~2mm (80~1400gsm)	0.1mm~2mm (80~1400gsm)
Corrugated paper	≦4mm	≦4mm
Height of cutting rules	23.6mm	23.6mm
Max. punching speed	8000S/H	8000S/H
Register tolerance	±0.075mm	±0.075mm
Total power	20KVA	20KVA
Outer size of machine(mm)	4895L × 2204W × 2133H	5885L × 2204W × 2133H
Machine weight (approx.)	15Tons	16.5Tons
Feeder pile height with pallet	950mm	950mm
Feeder pile height with pallet (without non-stop)	1250mm	1250mm
Delivery pile height	950mm	950mm
Feeder pile height with 400mm elevation(option)	1650mm	1650mm
Version	V.02	V.02
Small sheet device (option)	320mm × 300mm	320mm × 300mm
Gripper bite (minimum)	3mm	3mm

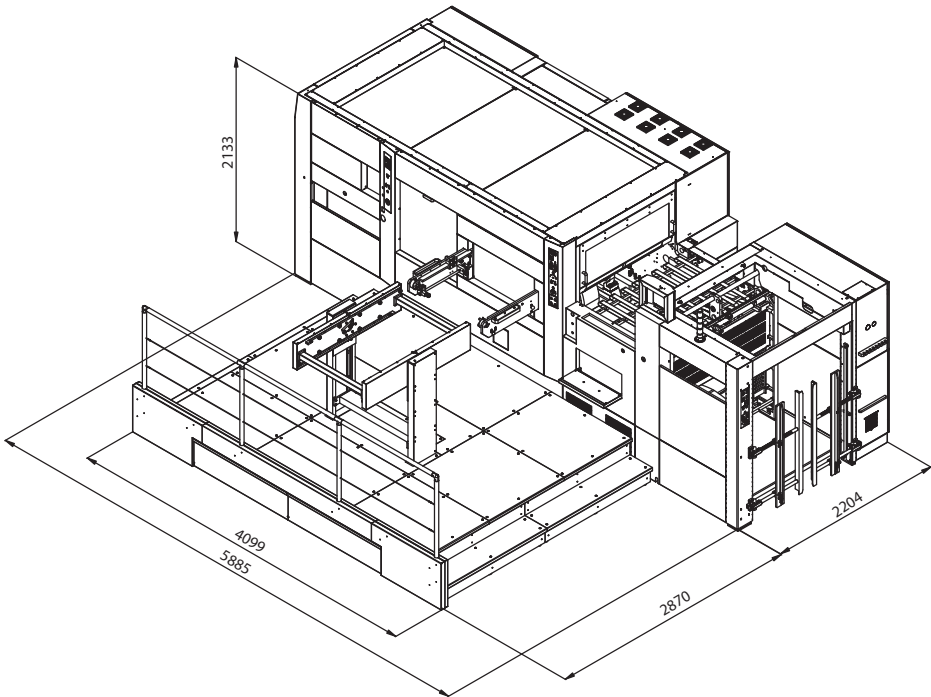
Brochure content for reference only, actual specifications are based on QUOTATION.

SBL-1050SE



unit : mm

SBL-1060SE



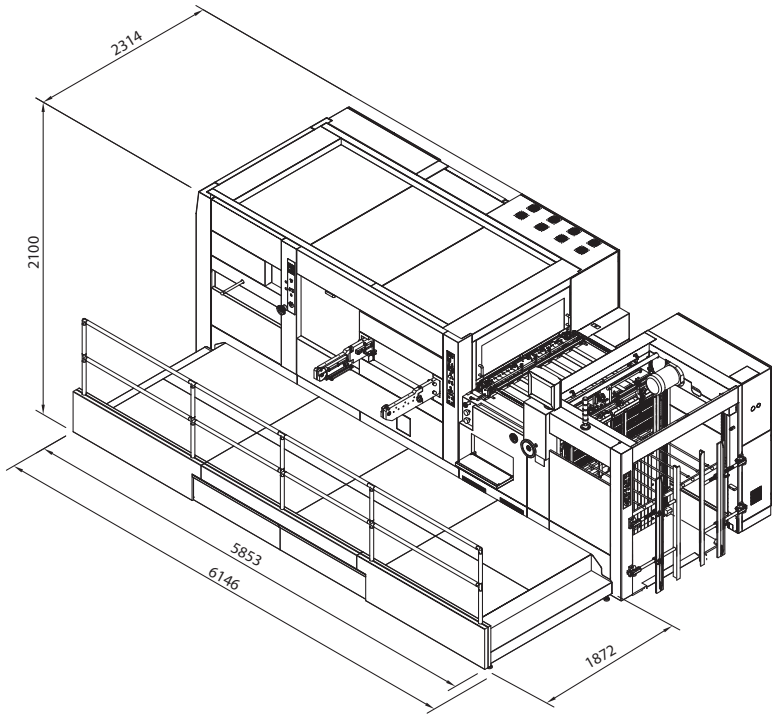
unit : mm

Automatic diecutting and creasing platen specifications

	1150 series	1300 series
Item	SE	SE
Description	with stripping	with stripping
Max. paper size	1150mm × 840mm	1300mm × 950mm
Min. paper size	550mm × 400mm	600mm × 450mm
Max. die-cutting paper size	1140mm × 820mm	1290mm × 940mm
Min. gripper margin	9.5mm	9.5mm
Die-cutting force	300Tons	500Tons
Inner size of die chase	1276mm × 850mm	1420mm × 958mm
Cutting plate size	1180mm × 826mm	1328mm × 940mm
Range of material thickness	0.1mm~2mm (80~1400gsm)	0.1mm~2mm (80~1400gsm)
Corrugated paper	≤4mm	≤4mm
Height of cutting rules	23.6mm	23.6mm
Max. punching speed	7000S/H	6000S/H
Register tolerance	±0.075mm	±0.075mm
Total power	30KVA	30KVA
Outer size of machine(mm)	6146L × 2314W × 2100H	6769L × 2170W × 2244H
Machine weight (approx.)	18Tons	23Tons
Feeder pile height with pallet	1000mm	1000mm
Feeder pile height with pallet (without non-stop)	1200mm	1200mm
Delivery pile height	840mm	840mm
Feeder pile height with 300mm elevation(option)	1500mm	-
Feeder pile height with 350mm elevation(option)	-	1550mm
Version	V.02	V.01
Small sheet device (option)	-	-
Gripper bite (minimum)	3mm	3mm

Brochure content for reference only, actual specifications are based on QUOTATION.

SBL-1150SE



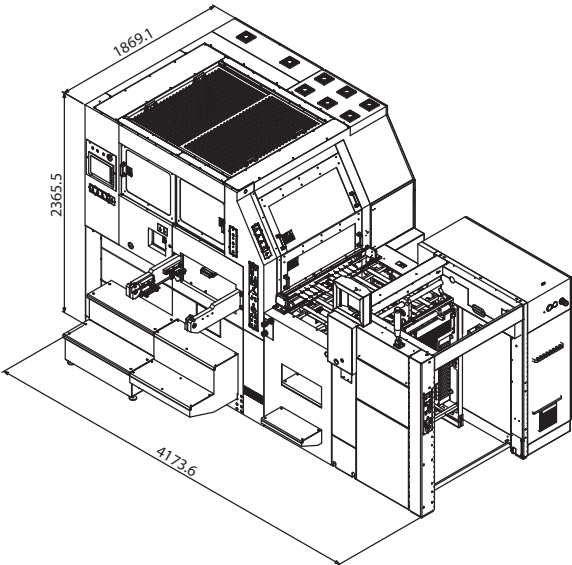
unit : mm

Automatic foil stamping and diecutting platen specifications

	820 series	
Item	EF	LEF
Description	without stripping	stretch model without stripping
Max. paper size	815mm × 605mm	815mm × 605mm
Min. paper size	320mm × 280mm	320mm × 280mm
Max. die-cutting paper size	805mm × 590mm	805mm × 590mm
Min. gripper margin	9.5mm	9.5mm
Die-cutting force	200Tons	200Tons
Inner size of die chase	926mm × 618mm	926mm × 618mm
Cutting plate size	848mm × 600mm	848mm × 600mm
Range of material thickness	0.1mm~2mm (80~1400gsm)	0.1mm~2mm (80~1400gsm)
Corrugated paper	≤4mm	≤4mm
Height of cutting rules	23.6mm	23.6mm
Max. punching speed	8000S/H	7500S/H
Register tolerance	±0.075mm	±0.075mm
Total power	30KVA	30KVA
Feeder pile height with pallet	1200mm	1200mm
Feeder pile height with pallet (without non-stop)	1300mm	1300mm
Delivery pile height	1040mm	1040mm
Small sheet device(option)	-	-
Longitudinal puller shafts	3	3
Transeversal puller shafts	-	-
Hologram	not available	option
Max. foil diameter	φ240mm	φ240mm
Rewind shafts	3	3
Max. rewind diameter	φ260mm	φ260mm
Width of waste foil (max)	800mm	200mm
Max. stamp speed	6500S/H	6500S/H
Heating zones	8zones	8zones
Outer size of machine (mm)	4174L × 1869W × 2366H	5010L × 1869W × 2366H
Machine weight (approx.)	10 Tons	11 Tons

Brochure content for reference only, actual specifications are based on QUOTATION.

SBL-820EF



unit : mm

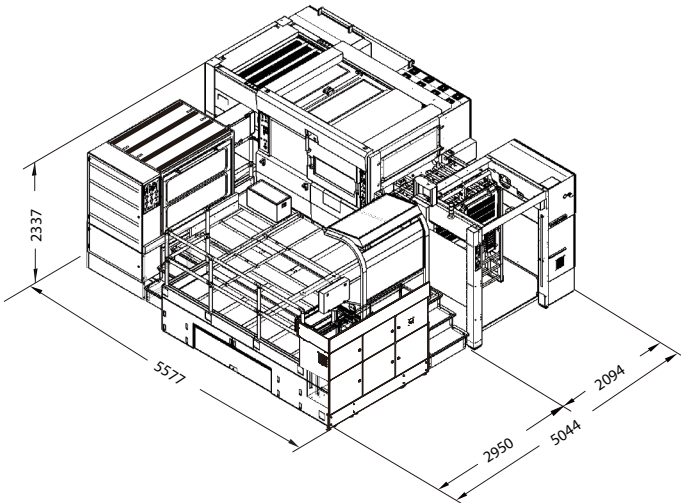
Automatic foil stamping and diecutting platen specifications

1050 series

Item	EF	EFT
Description	hot stamping without stripping	hot stamping in two directions without stripping
Max. paper size	1050mm × 750mm	1050mm × 750mm
Min. paper size	400mm × 370mm	400mm × 370mm
Max. die-cutting paper size	1040mm × 730mm	1040mm × 730mm
Min. gripper margin	9.5mm	9.5mm
Die-cutting force	300Tons	300Tons
Inner size of die chase	1144mm × 760mm	1144mm × 760mm
Cutting plate size	1080mm × 736mm	1080mm × 736mm
Range of material thickness	0.1mm~2mm (80~1400gsm)	0.1mm~2mm (80~1400gsm)
Corrugated paper	≦ 4mm	≦ 4mm
Height of cutting rules	23.6mm	23.6mm
Max. punching speed	7500S/H	7500S/H
Register tolerance	±0.075mm	±0.075mm
Total power	20KVA	20KVA
Feeder pile height with pallet	1200mm	1200mm
Feeder pile height with pallet (without non-stop)	1400mm	1400mm
Delivery pile height	1040mm	1040mm
Small sheet device(option)	350mm × 300mm	350mm × 300mm
Longitudinal puller shafts	3	3
Transeversal puller shafts	-	2
Longitudinal maximum foil diameter	φ240mm	φ240mm
Transverse maximum foil diameter	-	φ200mm
Longitudinal rewind shafts (option)	6 (up to 8)	6 (up to 8)
Transverse rewind shafts	-	2
Max. Longitudinal rewind diameter	φ400mm	φ400mm
Max. Transverse rewind diameter	-	φ200mm
Max. stamp speed	7000S/H	7000S/H
Heating zones	20zones	20zones
Hot foil stamping power	35KVA	35KVA
Outer size of machine(mm)	5577L × 2094W × 2337H	5577L × 2094W × 2337H
Machine weight (approx.)	19.5 Tons	19.5 Tons

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SBL-1050EF



unit : mm

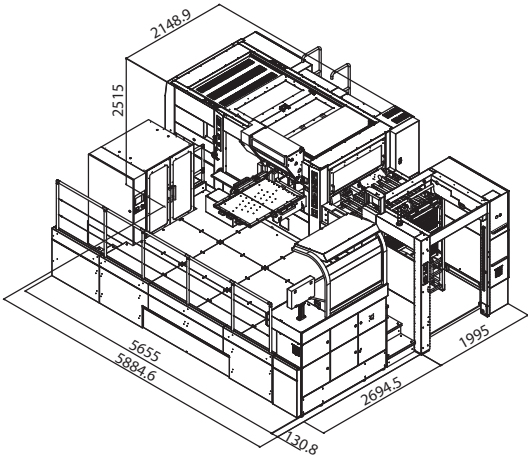
Automatic foil stamping and diecutting platen specifications

1060 series

Item	EF	SEF	EFT
Description	hot stamping without stripping	hot stamping/stripping changeable machine	hot stamping in two directions without stripping
Max. paper size	1060mm × 760mm	1060mm × 760mm	1060mm × 760mm
Min. paper size	400mm × 350mm	400mm × 350mm	400mm × 350mm
Max. die-cutting paper size	1045mm × 745mm	1045mm × 745mm	1045mm × 745mm
Min. gripper margin	11mm	11mm	11mm
Die-cutting force	300Tons	300Tons	300Tons
Inner size of die chase	1075mm × 769mm	1075mm × 769mm	1075mm × 769mm
Cutting plate size	1076mm × 756mm	1076mm × 756mm	1076mm × 756mm
Range of material thickness	0.1mm~2mm(80~1400gsm)	0.1mm~2mm(80~1400gsm)	0.1mm~2mm(80~1400gsm)
Corrugated paper	≦ 4mm	≦ 4mm	≦ 4mm
Height of cutting rules	23.6mm	23.6mm	23.6mm
Max. punching speed	8000S/H	8000S/H	8000S/H
Register tolerance	±0.075mm	±0.075mm	±0.075mm
Total power	20KVA	20KVA	20KVA
Feeder pile height with pallet	1350mm	1350mm	1350mm
Feeder pile height with pallet (without non-stop)	1650mm	1650mm	1650mm
Delivery pile height	1350mm	1350mm	1350mm
Small sheet device(option)	320mm × 300mm	320mm × 300mm	320mm × 300mm
Longitudinal puller shafts	3	3	3
Transeversal puller shafts	-	-	2
Longitudinal maximum foil diameter	φ240mm	φ240mm	φ240mm
Transverse maximum foil diameter	-	-	φ200mm
Longitudinal rewind shafts (option)	6 (up to 8)	6 (up to 8)	6 (up to 8)
Transverse rewind shafts	-	-	2
Max. longitudinal rewind diameter	φ400mm	φ400mm	φ400mm
Max. transverse rewind diameter	-	-	φ200mm
Max. stamp speed	7000S/H	7000S/H	7000S/H
Heating zones	20zones	20zones	20zones
Temperature control range	0 - 200°C	0 - 200°C	0 - 200°C
Hot foil stamping power	35KVA	35KVA	35KVA
Outer size of machine(mm)	5885L × 2284W × 2515H	5885L × 2284W × 2515H	5885L × 2149W × 2515H
Machine weight (approx.)	20 Tons	20 Tons	20 Tons
Version	V.02	V.02	V.02

Brochure content for reference only, actual specifications are based on QUOTATION.

SBL-1060EFT



unit : mm

Automatic foil stamping and diecutting platen specifications

1300 series

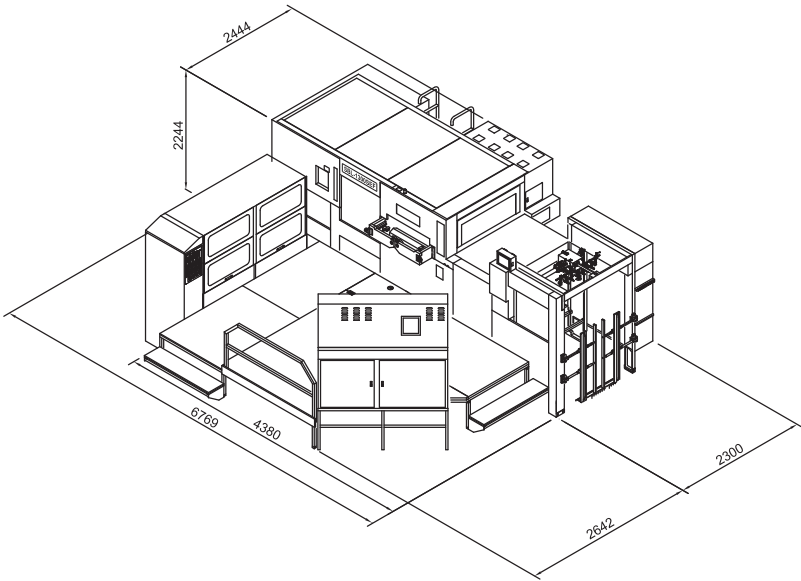
Item	EF
Description	hot stamping without stripping
Max. paper size	1300mm × 950mm
Min. paper size	600mm × 450mm
Max. die-cutting paper size	1290mm × 940mm
Min. gripper margin	9.5mm
Die-cutting force	500Tons
Inner size of die chase	1420mm × 958mm
Cutting plate size	1328mm × 940mm
Range of material thickness	0.1mm~2mm(80~1400gsm)
Corrugated paper	≤4mm
Height of cutting rules	23.6mm
Max. punching speed	6000S/H
Register tolerance	±0.075mm
Total power	30KVA
Feeder pile height with pallet	1200mm
Feeder pile height with pallet(without non-stop)	1400mm
Delivery pile height	1040mm
Small sheet device(option)	-
Longitudinal puller shafts(option)	2 (3)
Transeversal puller shafts	-
Max. foil diameter	φ200mm
Rewind shafts	8
Max. rewind diameter	φ400mm
Max. stamp speed	6000S/H
Heating zones	18zones
Hot foil stamping power	40KVA
Outer size of machine (mm)	6769L × 2444W × 2244H
Machine weight (approx.)	26 Tons

Brochure content for reference only, actual specifications are based on QUOTATION.

Function table

Machine section	Item	remark
ALL	Anti-static device (Kersten)	
A	Servo driven feeder head	
A	Feeder with vacuum belt	
A	Flip-avoiding pressing bar for corrugated paper	
A	Two sheets detector, Ultra sonic type	
A	Image -inspection system on the Feeder table	
B	Side lay with vacuum suction	
B	Lower heating	
B	4mm+ 1mm Micro adjustable plate	exclusive for 1050
B	24mm base plate 4 way mico adjustment	exclusive for 1060
B	Pneumatic counter plate withdraw device	not available on 820
BCD	Sheet airborne avoiding suction device in the blanking section	
C	Quick locking stripping board	exclusive for 1060
J	Chase changer with large catwalk	
T	Stripping makeready table	

SBL-1300EF



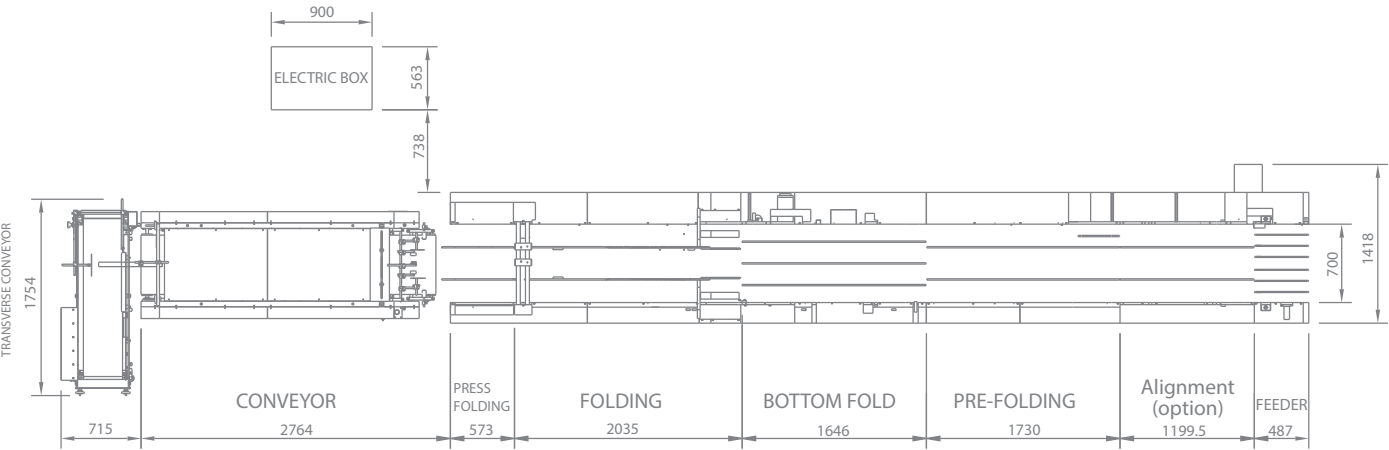
unit : mm

High speed folding and gluing machine

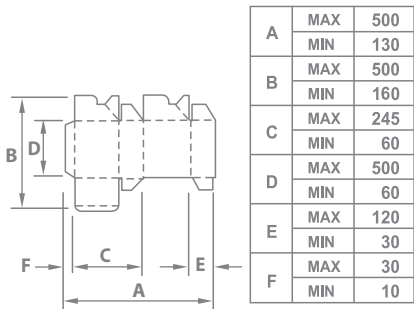
TS
550WLV

FLOOR PLAN

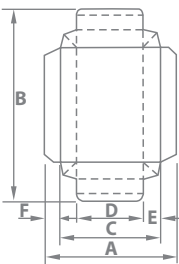
UNIT: mm



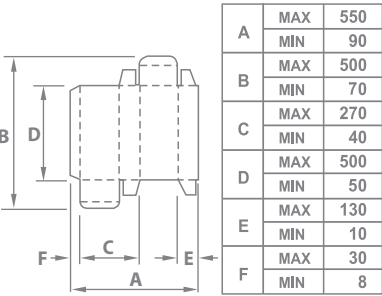
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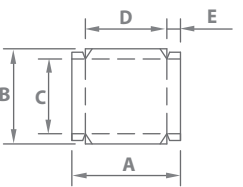
Lock bottom



Both sides



Straight line



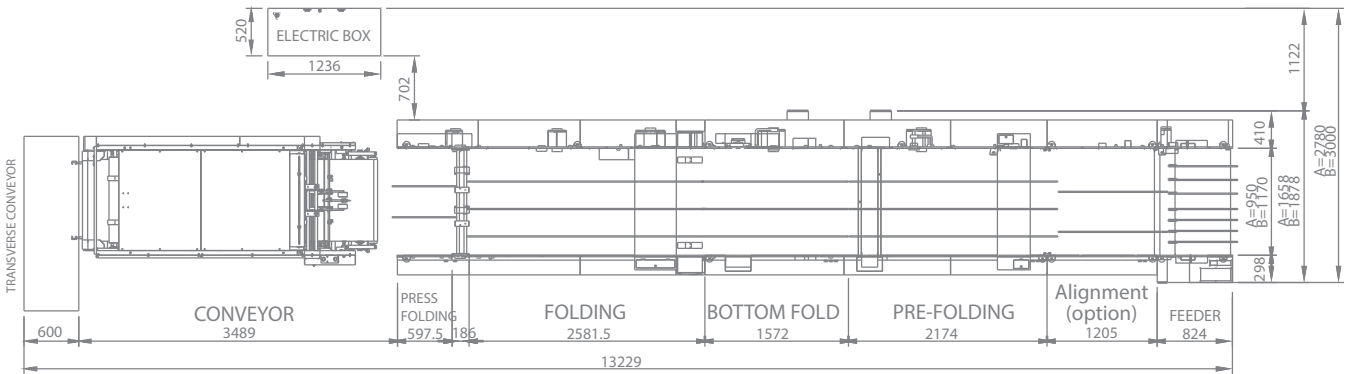
4-corner boxes

High speed folding and gluing machine

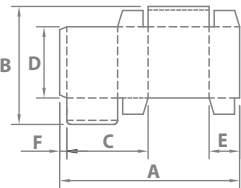
TS
800WNV &
1000WNV

FLOOR PLAN

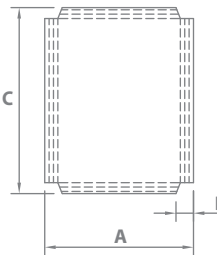
UNIT: mm



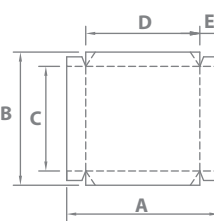
BLANK SIZE



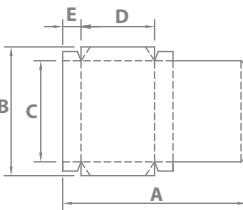
Straight line



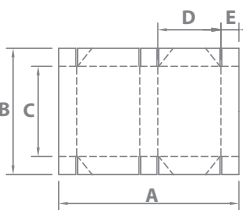
Both sides



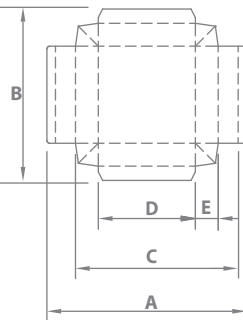
4-corner



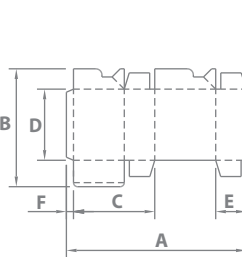
4-corner



6-corner



Both sides



Lock bottom

Brochure content for reference only, actual specifications are based on QUOTATION.
* The blank size shall be viable only by means of the relevant options attached

High speed folding and gluing machine

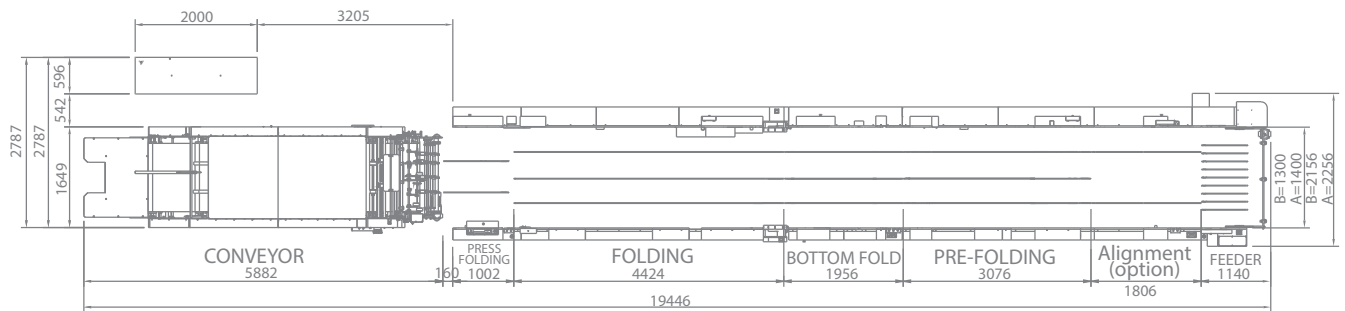
TS

1100WNV &

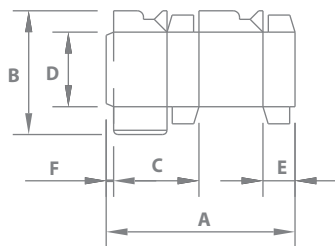
1200WNV

FLOOR PLAN

UNIT: mm

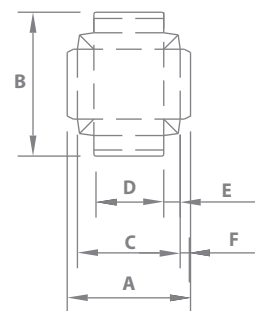


BLANK SIZE



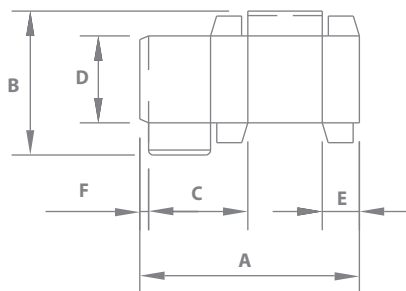
Crash-lock bottom

MODEL		TS-1100	TS-1200
A	M	1000	1100
	m	440	440
B	M	800	800
	m	220	220
C	M	530	580
	m	215	215
D	M	600	600
	m	120	120
E	M	275	300
	m	50	50
F	M	40	40
	m	15	15



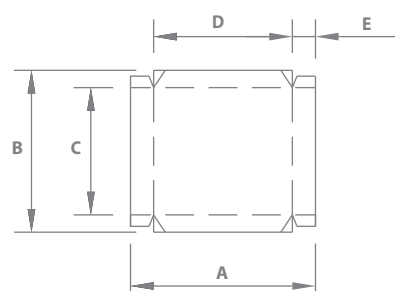
double faces

MODEL		TS-1100	TS-1200
A	M	850	950
	m	330	330
B	M	900	900
	m	260	260
C	M	550	650
	m	280	280
D	M	700	700
	m	220	220
E	M	120	120
	m	30	30
F	M	100	100
	m	25	25



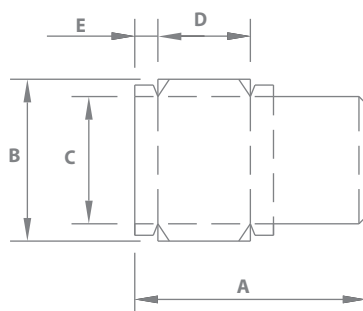
Straight line

MODEL		TS-1100	TS-1200
A	M	1100	1200
	m	440	440
B	M	800	800
	m	280	280
C	M	530	580
	m	220	220
D	M	600	600
	m	100	100
E	M	330	355
	m	30	30
F	M	40	40
	m	15	15



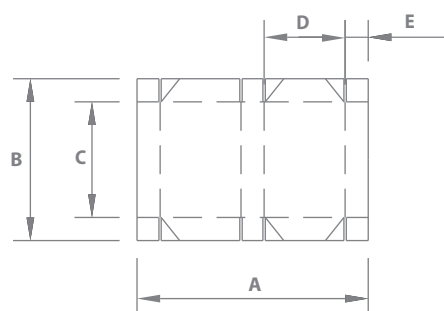
4-corner boxes

MODEL		TS-1100	TS-1200
A	M	1000	1100
	m	230	230
B	M	900	900
	m	260	260
C	M	750	750
	m	180	180
D	M	800	900
	m	150	150
E	M	100	100
	m	40	40



4-corner

MODEL		TS-1100	TS-1200
A	M	1000	1100
	m	350	350
B	M	900	900
	m	260	260
C	M	750	750
	m	180	180
D	M	425	475
	m	150	150
E	M	100	100
	m	40	40



6-corner

MODEL		TS-1100	TS-1200
A	M	1000	1100
	m	400	400
B	M	900	900
	m	260	260
C	M	750	750
	m	180	180
D	M	350	400
	m	160	160
E	M	100	100
	m	40	40

Brochure content for reference only, actual specifications are based on QUOTATION.

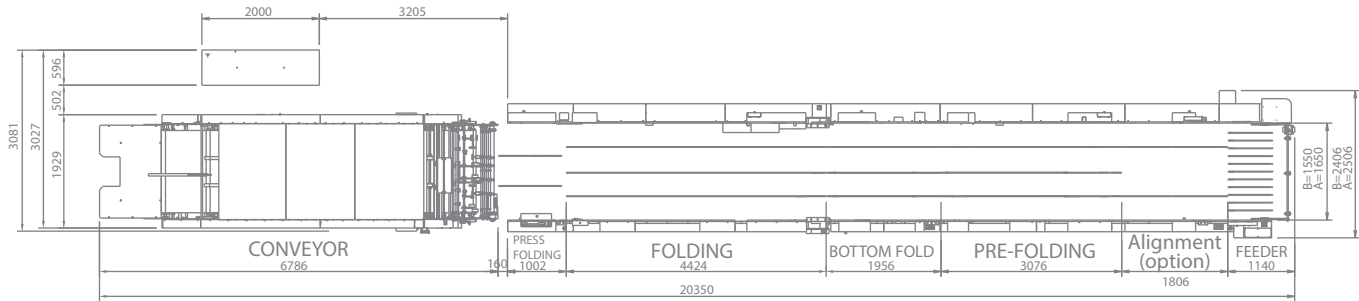
* The blank size shall be viable only by means of the relevant options attached



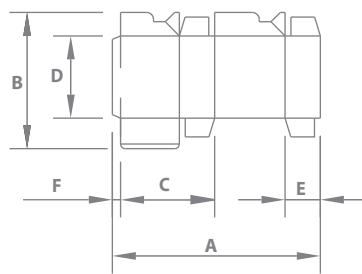
High speed folding and gluing machine

TS
1350WNV &
1450WNV

unit : mm

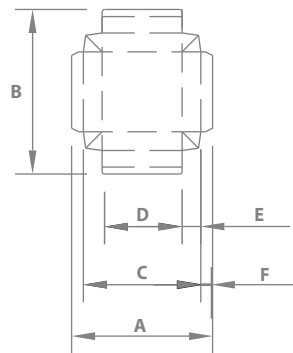


BLANK SIZE



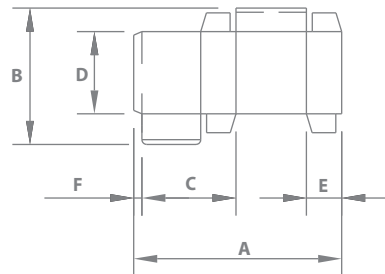
MODEL		TS-1350	TS-1450
A	M	1250	1350
	m	440	440
B	M	800	800
	m	220	220
C	M	655	705
	m	215	215
D	M	600	600
	m	120	120
E	M	330	355
	m	50	50
F	M	40	40
	m	15	15

Crash-lock bottom



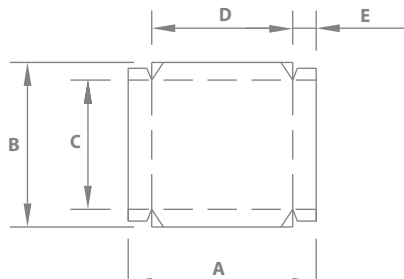
MODEL		TS-1350	TS-1450
A	M	1100	1200
	m	330	330
B	M	900	900
	m	260	260
C	M	800	900
	m	280	280
D	M	700	700
	m	220	220
E	M	120	150
	m	30	30
F	M	100	100
	m	25	25

double faces



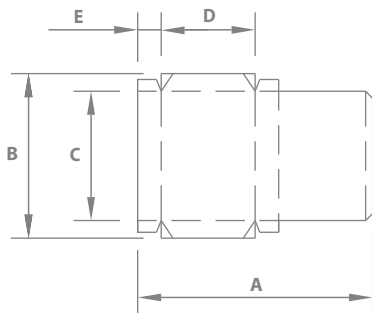
MODEL		TS-1350	TS-1450
A	M	1350	1450
	m	440	440
B	M	800	800
	m	280	280
C	M	655	705
	m	220	220
D	M	600	600
	m	100	100
E	M	330	355
	m	30	30
F	M	40	40
	m	15	15

Straight line



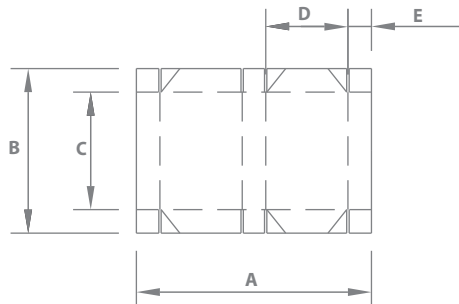
MODEL		TS-1350	TS-1450
A	M	1250	1350
	m	200	200
B	M	900	900
	m	260	260
C	M	750	750
	m	180	180
D	M	1050	1150
	m	160	160
E	M	100	100
	m	40	40

4-corner boxes



MODEL		TS-1350	TS-1450
A	M	1250	1350
	m	350	350
B	M	910	910
	m	260	260
C	M	750	750
	m	180	180
D	M	550	600
	m	160	160
E	M	100	100
	m	40	40

4-corner



MODEL		TS-1350	TS-1450
A	M	1250	1350
	m	400	400
B	M	910	910
	m	260	260
C	M	750	750
	m	180	180
D	M	470	520
	m	160	160
E	M	100	100
	m	40	40

6-corner

Brochure content for reference only, actual specifications are based on QUOTATION.
* The blank size shall be viable only by means of the relevant options attached
* Available for Specific customization 1650/1800/2100