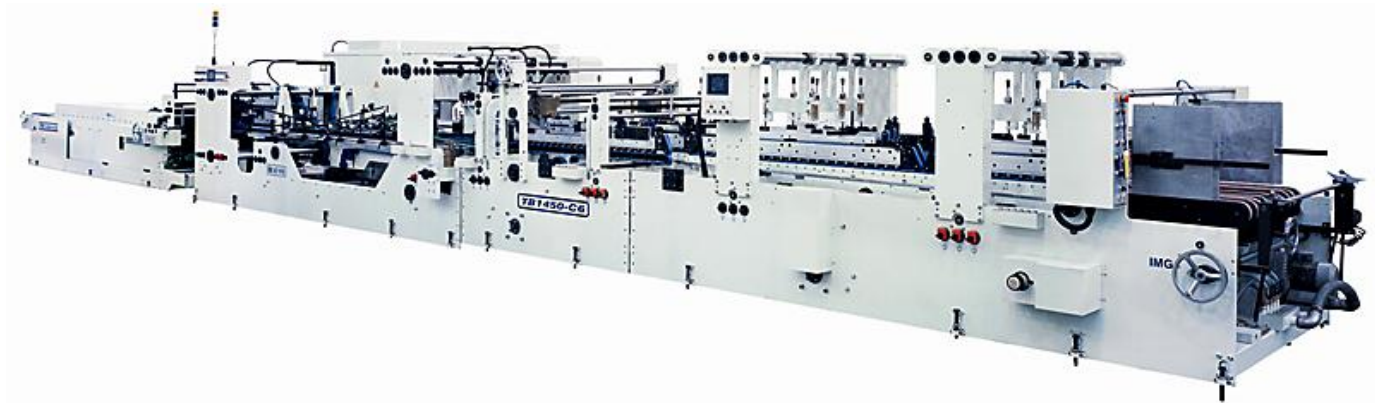


Automatic folder gluer model Brausse TB1450-C

Highlights of all Brausse machines

- All electrical components are off the shelf brand names such as Omron and Telemecanique
- All PLC controls are from Mitsubishi
- All operating software in the local language



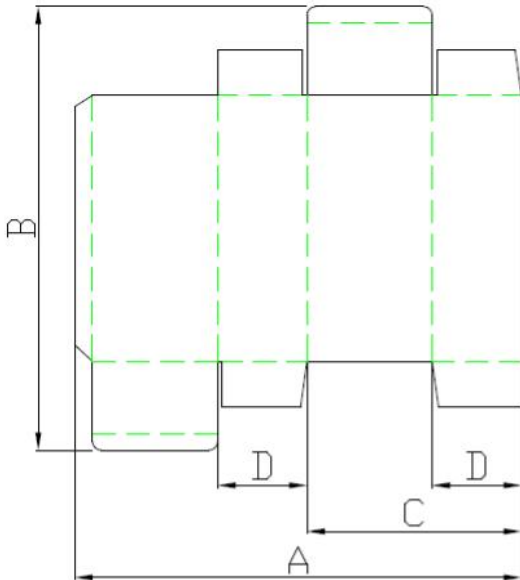
Pictures might be slightly different from reality

Specifications

Material	solid board up to 800 g/m ² corrugated up to A-flute
Trombone section max. belt speed	380 m/min
Max. belt speed	280 m/min
Overall length	19390 mm
Overall height	2000 mm
Overall width	2400 mm
Total net weight	15 t
Power voltage	400 V / 50 Hz
Power supply for main motor	30 kW
Power supply for additional motors	5,5 kW
Total power supply	55 kVA
Air supply / consumption	6 bar / 700 l per min

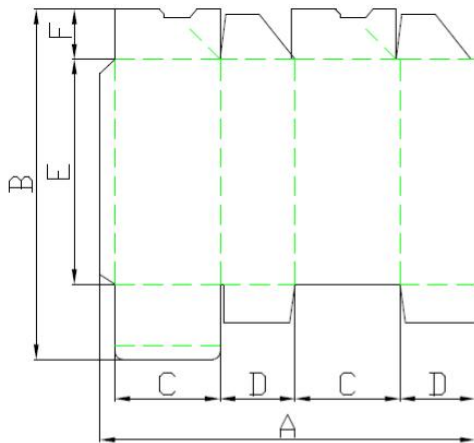
The compressed air quality must be according to ISO 8573/1 with:

- Filtration on solid parts class 4
- Filtration on oil class 4
- Dry air class 4



Straight line

- A 165-1450 mm
140-1450 mm with small box device
- B 70-1100 mm
- C 95-710 mm
- D minimum 12 mm



Lock bottom

- A 200-1425 mm
- B 150-1000 mm
- C minimum 80 mm
- D minimum 40 mm
- E minimum 80 mm
- F minimum 30 mm

Feeder section

- Adjustable separate tension on each belt
- Eight individual adjustable feeder belts (40 mm x 1700 mm). Four of these belts have holes with suction feeding system
- Cleaning brushes for the feeder belts
- One speed control pulley for small box even for even spacing; timing feeder with an eccentric device for up and down when producing big box, maximum feeding belt speed synchronizes with main machine speed.
- Feeder start/stop can be controlled at all operator stations
- Two standard feed gates (30 mm wide) and one supporting feed gates (30 mm wide) for long, small boxes
- Air cylinder feeding gauge lifting mechanism makes easy adjustment of feeder belts.
- Two motorized side guides can be raised up pneumatically to move over the feeder belts.
- Short and long carriers for transport in the pre-breaker
- Four adjustable side plates
- Vibration system in feeder
- Suction feeding system

Side-alignment section (OPTIONAL)

- Additional two-carrier side alignment section between feeder and the pre-folding section, carrier adjustment is motorized
- The blanks will be squared after feeding along the 1740 mm long side-alignment section. Selectable left and right register side
- 50 mm wide flat belts in the section, two upper carriers can be moved pneumatically up and down

Long pre-breaking system

- Belt pre-brake system on the right side
- Guide pre-brake system on the left side
- Belt pre-brake system on the left side (standard on 4 and 6 corner option)
- Guide pre-brake system on the right side (standard on 4 and 6 corner option)
- Special long pre-breaking section for long corrugated blanks
- Three carriers with split upper carriers in pre-breaking section. This allows special compound folds such as interior, Z folds (pre-breaking sword can be put at the left side only)
- Manual carrier positioning system
- Top carriers have reinforced tops throughout for mounting accessories, which are single pin wrench adjustments
- Two upper and lower belt carriers
- Both sides big and strong pre-break device for corrugated board

Folding section

- Three belt carriers
- Speed adjustment for left and right fold belt
- Entrance of the upper belt carrier adjustable in height
- Top belt can be lifted

Gluing system

- Lower gluing wheel system (8 mm)
- Left and right lower gluing system

Final folding section

- Three-carrier construction
- Folding guides and rollers can be mounted on middle carrier
- One handle makes belt speed adjustable on both sides' carriers
- Loosening only two bolts can change position of belt guide wheel
- Upper carrier driving system and air cylinder pressing system applied for corrugated board
- Extended upper carrier can be mounted on the middle carrier for corrugated box
- 45° roller pressing device

Heavy duty double frame trombone section

- Batch counter kicker
- Upper and lower carrier can be slid back and forth
- Jam detector
- Stopper (squaring) device

Compression section

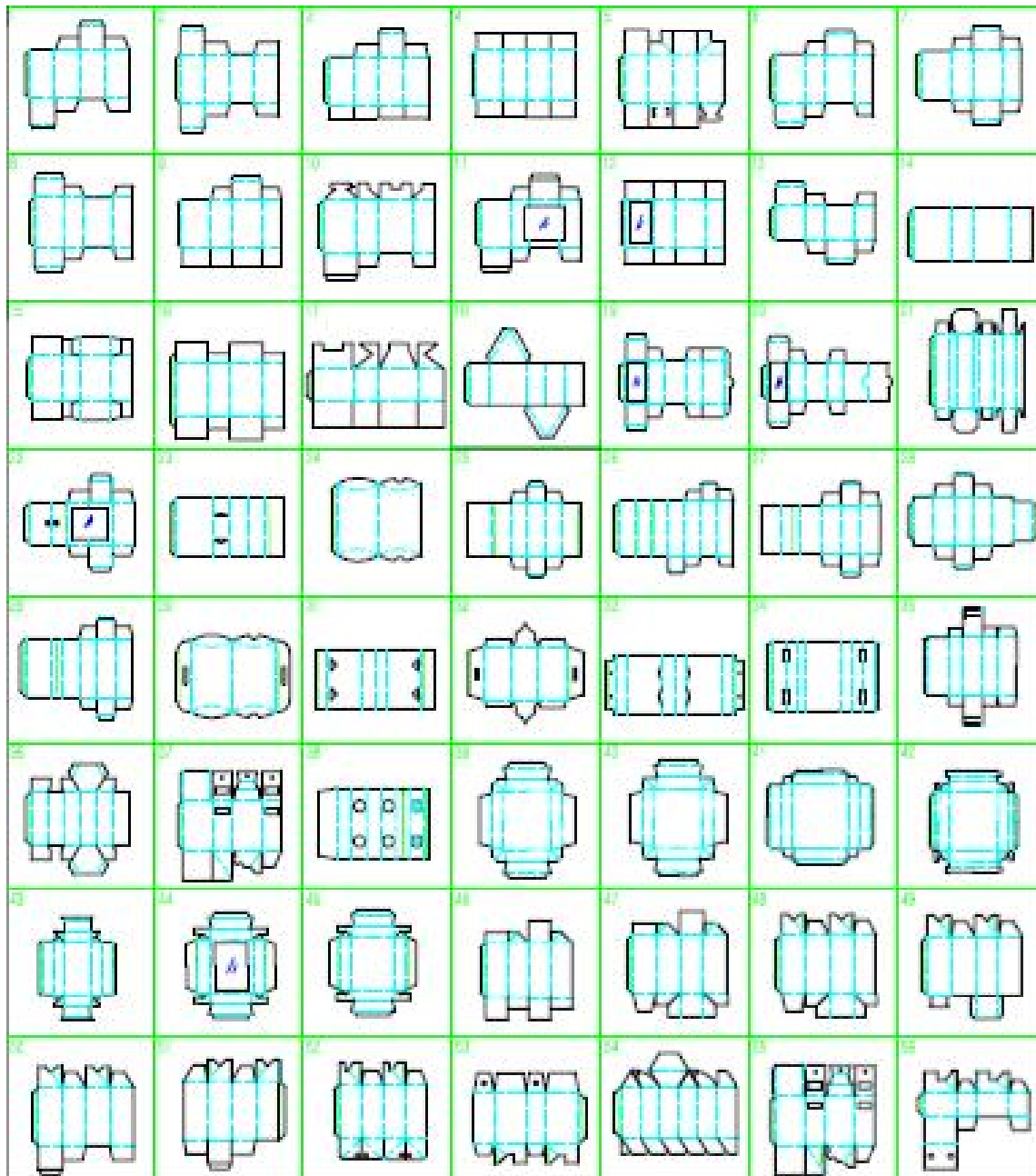
- Two operation modes of compressing belt speed:
 - Ø Auto – set a box single spacing, compressing belt speed is synchronized with the machine speed. It moves only when sensor detects the box coming
 - Ø Manual – compressing belt keeps moving at a constant speed, regardless of main machine speed
- 3-belt induction device is adjustable in the side by motor
- Sponge belt for extra compression of lower area
- Air-cylinder controlled pneumatic conveyor pressing system
- Two operation modes of conveyor body: up & down system controlled by air cylinder presses the blank, to avoid changing back of the box shape after stopper process
- Compressing range 200 mm

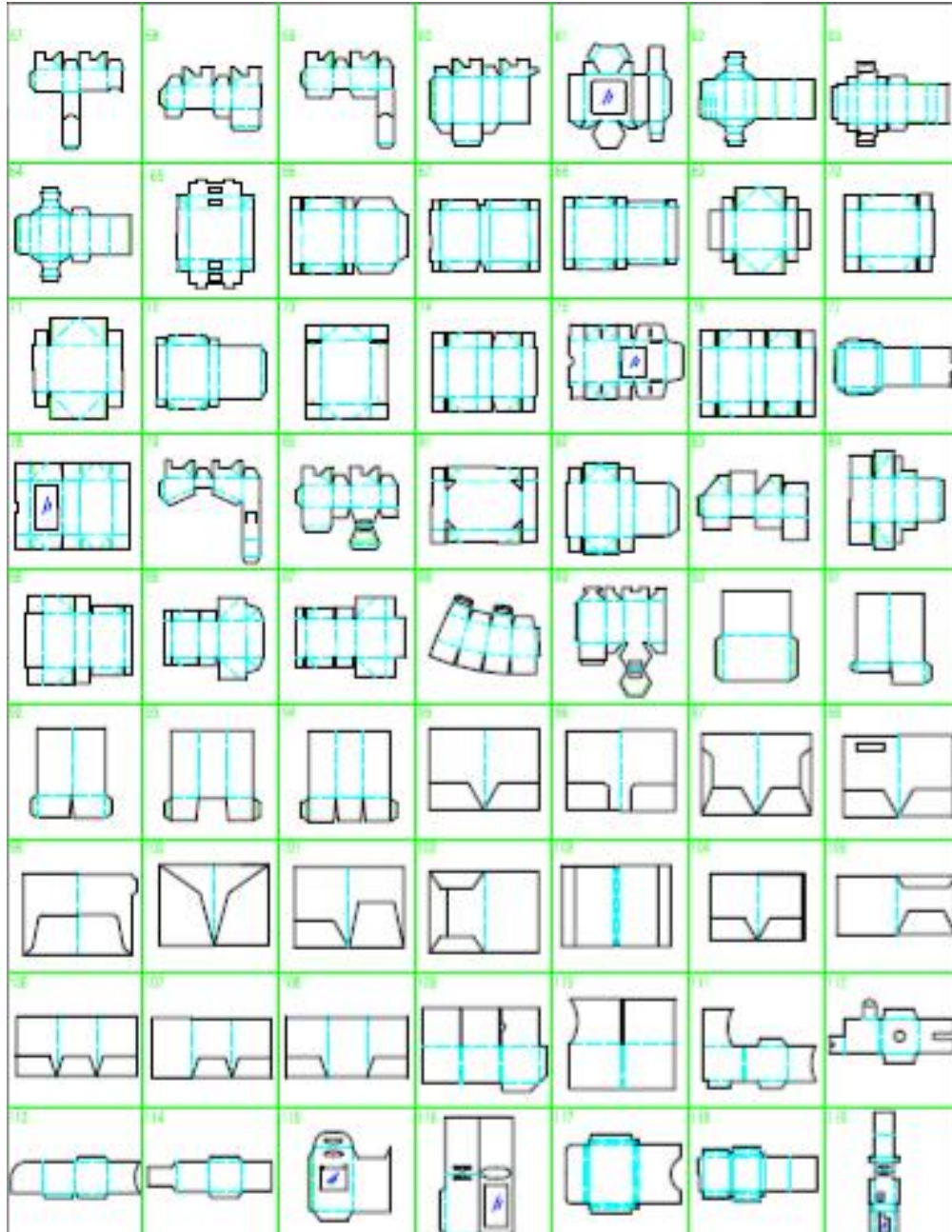
General

- One pin wrench adjustment
- Reinforced upper and lower belt for running corrugated box, positive drive
- Three way quick release levers to allow instant height settings of top carriers. It is very easy to clear jams and running E or B, A flute cartons
- Position indicator throughout the machine
- Motorized carrier positioning system
- Electronic batch counter and kicker
- Air cylinder controlled pneumatic pressing system on conveyor section
- Touch screen control panel
- Remote control
- Easy one-hand carrier position adjustment
- Belt speed detecting encoder on the belt drive shaft

Changes in construction preserved

The machine Brausse TB1450-C is delivered with the European CE certificate.





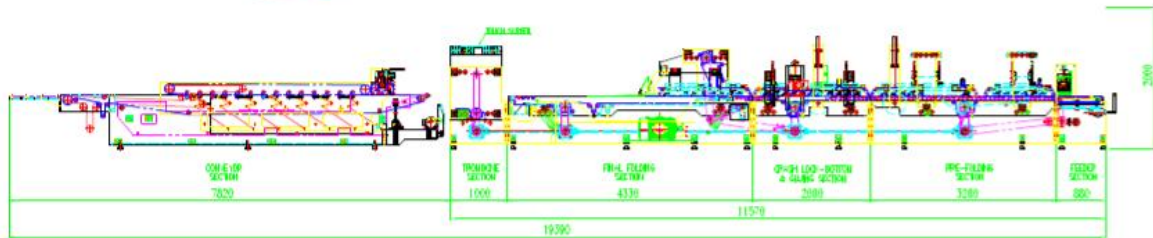
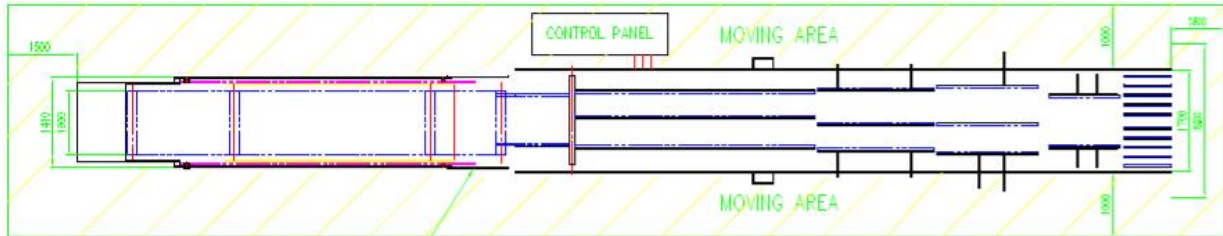
Applicable blank forms S=Standard O=Option X=Impossible

No.	TA/TB C4/6	TA/TB C3	Option remark	No.	TA/TB C4/6	TA/TB C3	Option remark
1	s	s		61	o	o	Electronic gluing system
2	s	s		62	o	o	Electronic gluing system
3	s	s		63	o	o	Electronic gluing system
4	s	s		64	o	o	Electronic gluing system
5	s	s		65	o	o	Electronic gluing system
6	s	s		66	s	x	
7	s	s		67	o	x	Electronic gluing system
8	s	s		68	o	x	Electronic gluing system
9	s	s		69	s	x	
10	s	s		70	s	x	
11	s	s		71	s	x	
12	s	s		72	s	x	
13	s	s		73	s	x	
14	s	s		74	s	x	
15	s	s		75	s	x	
16	s	s		76	o	x	Electronic gluing system
17	s	s		77	s	s	
18	s	s		78	o	o	Electronic gluing system
19	s	s		79	s	s	
20	s	s		80	s	s	
21	o	o	Another prebreak section	81	s	x	
22	s	s		82	s	x	
23	s	s		83	s	s	
24	s	s		84	s	x	
25	s	s		85	s	x	
26	s	s		86	o	x	Electronic gluing system
27	s	s		87	o	x	Electronic gluing system
28	s	s		88	s	s	
29	s	s		89	s	s	
30	s	s		90	o	o	Electronic gluing system, pocket folder device

No.	TA/TB C4/6	TA/TB C3	Option remark	No.	TA/TB C4/6	TA/TB C3	Option remark
31	s	s		91	o	o	Electronic gluing system, pocket folder device
32	s	s		92	o	o	Electronic gluing system, pocket folder device
33	s	s		93	o	o	Electronic gluing system, pocket folder device
34	s	s		94	o	o	Electronic gluing system, pocket folder device
35	s	s		95	o	o	Electronic gluing system, pocket folder device
36	s	s		96	o	o	Electronic gluing system, pocket folder device
37	s	s		97	o	o	Electronic gluing system, pocket folder device
38	s	s		98	o	o	Electronic gluing system, pocket folder device
39	o	o	Electronic gluing system	99	o	o	Electronic gluing system, pocket folder device
40	o	o	Electronic gluing system	100	o	o	Electronic gluing system, pocket folder device
41	s	s		101	o	o	Electronic gluing system, pocket folder device
42	s	s		102	o	o	Electronic gluing system, pocket folder device
43	s	s		103	o	o	Electronic gluing system, pocket folder device
44	s	x		104	o	o	Electronic gluing system
45	o	o	Electronic gluing system	105	o	o	Electronic gluing system, pocket folder device
46	s	s		106	o	o	Electronic gluing system, pocket folder device
47	s	s		107	o	o	Electronic gluing system, pocket folder device
48	s	s		108	o	o	Electronic gluing system, pocket folder device
49	s	s		109	o	o	Electronic gluing system, pocket folder device
50	s	s		110	o	o	Electronic gluing system, pocket folder device
51	s	s		111	o	x	Electronic gluing system
52	s	s		112	o	x	Electronic gluing system
53	s	s		113	o	x	Electronic gluing system
54	s	s		114	o	x	Electronic gluing system
55	s	s		115	s	s	
56	s	s		116	s	x	
57	s	s		117	o	o	Electronic gluing system, pocket folder device
58	s	s		118	s	s	
59	s	s		119	s	x	Electronic gluing system, pocket folder device
60	s	s					

(OPERATOR'S WORKING AREA)

TB 1450-C3
FOLDING & GLUER MACHINE



*** For complete folder-gluer specifications refer to the product brochure.

† SPECIFICATION †

MAIN MOTOR	30KW	TROMBONE SECTION MAX BELT SPEED	280 m/min
CONVEYOR MOTOR	5.5KW	MAX PUMPING CAPACITY	0.7m ³ /min
TOTAL POWER	50KVA	TOTAL WEIGHT	14500 kg



TAE YONG
ETERNA

DRAWN	DESIGNED	APPROVED	DWG. DATE	UNIT	SCALE	DWG. NO.
J. S. XZM	Z. S. XZM	Y. C. ZBB	08.04.10	mm	1:1	TB-1450-C3
TITLE : TB-1450-C3						AS (400/507)