

Die cutting and creasing machine with stripping device

model Brausse Bora 1450E

All machines installed by Brausse Europe will have the VinTechMa label. www.vintechma.com

Highlights of the Brausse Europe machines

- Extremely smoothly running due to the unique index box drive of the main chain, driven by gears instead of timing belt
- All electrical components are off the shelf brand names such as Omron and Siemens
- All PLC controls are from Mitsubishi
- Main clutch from Spanish manufacturer Goizper
- All operating software in the local language



Pictures might be slightly different from reality 56 NG BOOD 56 373 31

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Standard equipment

General

- Each gripper bar can be individually shimmed to ensure very accurate and smooth sheet transport in case of uneven chain stretching after years of production
- Gripper bar locking levers can be adjusted by micro adjustment screws
- Alloy gripper bars with a hard chrome surface made by special process
- Radiator cooling for recycling toggle drive lubrication system
- Catwalk with safety rail
- Drawer for spare parts
- Complete lost sheets control throughout the entire machine
- Self diagnostic system with indication on a color LCD screen
- Modem with telephone connection for online assistance by problems with electronics (customer has to take care for a dedicated telephone line)
- CE certified
- CE standard safety systems for safe operation
- Emergency stop at arm length
- Centre line system

Feeder

- Suction head with several adjustment possibilities to handle different kind of materials
- Patent turbo spiral air blower pressing foot at feeder head
- Four pick up and six forward suck heads with angle adjustment
- Fine air blast at lead edge for smooth thin paper transport
- Motorized side adjustment of pallet table. Pile adjustment during production
- Electrical double sheet control
- Feed in rollers combined with feed belt system, for better feeding of heavier materials or corrugated board
- Sheet slow down device of feeder belts to assure accurate position of the sheet to the front lays (electro-pneumatically adjustable)
- Synchronizing device to adjust the sheet positioning to the front lay by hand during production
- Bullet catcher on the feeder entrance
- Side lays on both sides adjustable for push and pull and for paper and carton
- Electronic side lav controls
- Frontmark control with adjustable density
- Four individually adjustable front lays with dial read out at the operation side of the machine
- Four electronic front lay controls by means of Omron Glasfiber Optik
- Photo sensor safety barrier at pallet table floor level touching point

Die section

- Precision worm gear crank toggle driving system to ensure smooth and dynamic lower platen movement
- Precision stationery upper platen
- Pneumatic push button die chase locking mechanism to ensure safe and operator friendly changing of the die
- Pneumatic clutch/brake for main drive system
- Motorized pressure control

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- Digital die cutting pressure tonnage display with adjustable pressure limit protection
- Seven high precision alloy gripper bar
- High quality pre-stretched gripper bar drive chain
- State-of-art 3 cam index gripper bar drive system to ensure smooth and precise gripper bar intermittent movement
- Torque limit safety clutch to protect the index drive system in case of gripper bar crash
- Double cam driven gripper opener and front lay swing frame for smooth and accurate sheet register
- Air blasting nozzle bar for stretching the thin paper before die cutting

Stripping section

- Triple action movement of the upper and lower stripping frames with lower spring loaded stripping pins
- Motorized upper frame suspending hoister and can be switched on and off electrically
- Upper, middle and lower stripping tool drawer can be pulled out for job set up and make ready
- Remote control operating panel for jogging the upper frame up and down, easy and safe stripping tool alignment
- The upper frame can be lifted electrically for easy set up
- Mechanic disconnecting of lower stripping movement
- Complete set of stripping tools with upper and lower stripping pins
- 1 upper drawer chase
- 1 middle drawer chase
- 1 lower drawer chase

Delivery section

- Automatic delivery with nonstop curtain. This curtain moves into the delivery to catch the arriving sheets during the pile exchange
- Five section brush brake brake force individually adjustable
- Adjustable air blow bars to slow down the sheets
- Rear and side joggers with easy position adjustment
- Tape inserter with counter
- Photo sensor safety barrier at pallet table floor level touching point
- Electrical adjustment of the paper size in running direction

Standard accessories

- One operation platform
- One 7 mm hardened die cutting plates (HRC 45)
- One die chase with quick locking system
- Two waste bins on wheels
- One set of stripping tools including spring loaded stripping pins etc.

Specifications

Power / air

•	Power voltage to the delivered transformer	400 V / 50 Hz
•	Power supply for main motor	22 kW
•	Power supply for additional motors	36 kW
•	Total power supply	58 kW

Air supply / consumption 6 bar / 600 I per min

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

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

General specifications

•	Pile height feeder, maximum	1550 mm (incl. pallet)
•	Pile height feeder with nonstop operation, maximum	1150 mm (incl. pallet)
•	Pile height delivery, maximum	1400 mm (incl. pallet)
•	Pile height over nonstop curtain maximum	60 mm
•	Total length (incl. preloading rails)	9880 mm
•	Total width (incl. operation platform)	5270 mm
•	Total height	2580 mm
•	Total net weight	30 t

The lowest drive-through height between loading area and the machine installation place:

without elevation 2900 mm with 300 mm elevation 3200 mm

The smallest width in the distance between loading area and machine installation place:

without elevation 3050 mm with 300 mm elevation 3050 mm

Specifications material

4

Maximum sheet size	1450 x 1100 mm
Minimum sheet size	700 x 500 mm
 Processable materials 	
 Paper (depending on quality), min. 	100 g/m²
Carton (depending on quality), up to (*)	2000 g/m²
Corrugated board (fine), up to (*)	4,5 mm
(*) admissible undulation: 4% of the sheet width	
Minimal gripper edge	10 mm

Specifications for die cutting

•	Maximum die cutting size	1420 x 1080 mm
•	Inner size of chase	1480 x 1106 mm
•	Dimensions die cutting plate	1472 x 1086 mm
•	Maximum die cutting pressure	400 t
•	Maximum mechanical speed	5500 cycles/h

The Brausse Bora 1450E machine is delivered with the European safety certificate CE. Specifications are subject to change without notice

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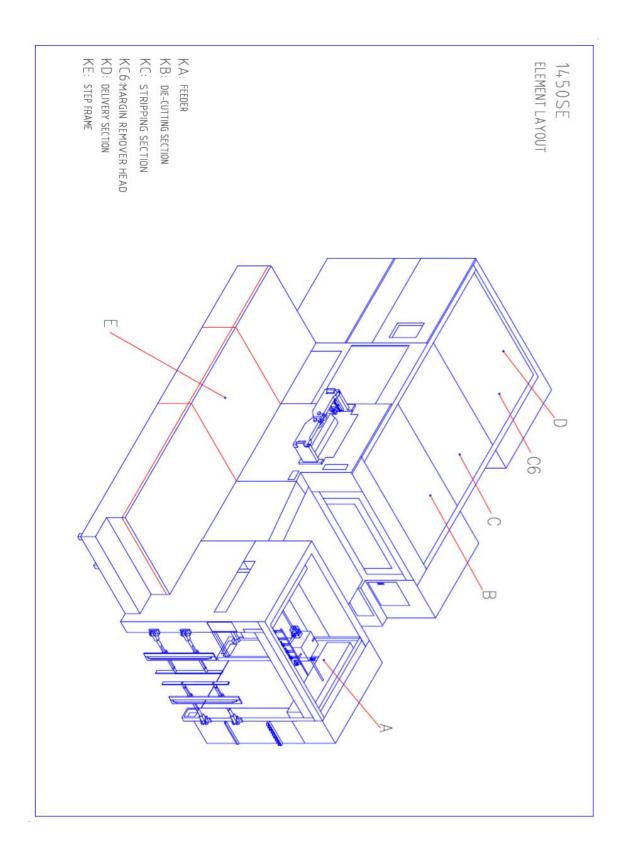
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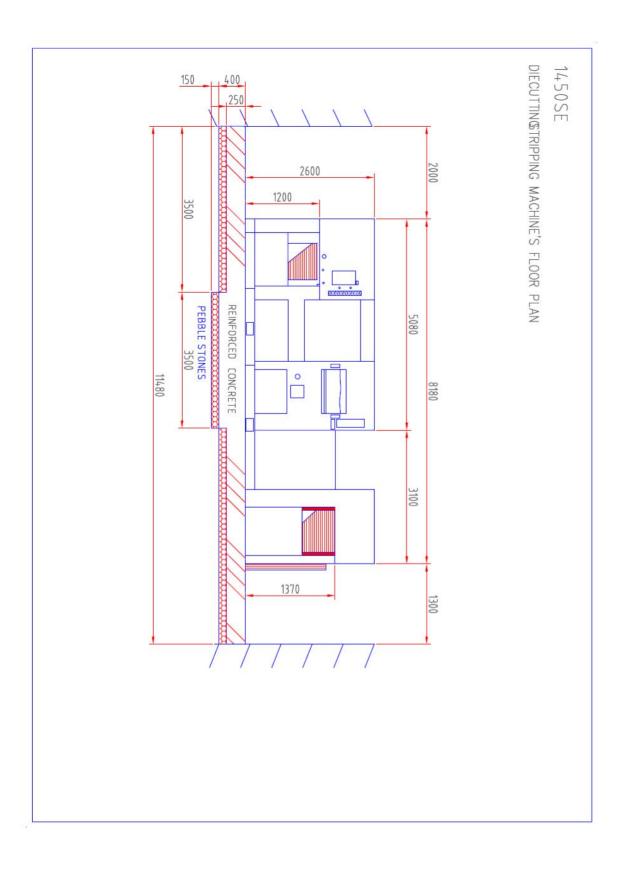




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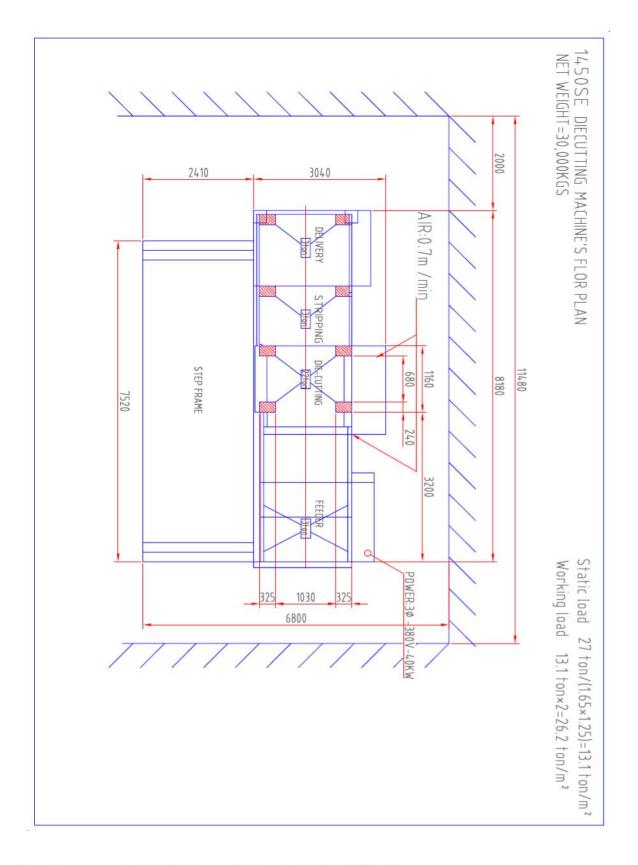
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