



## BOBST SP 104 ER

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|---------------|------------------------------|
| Reference     | 24036440                     |
| Type          | Die<br>Cutting/fustellatrici |
| Manufacturer  | Bobst                        |
| Model         | SP 104 ER                    |
| Year          | 2001                         |
| Serial Number | 057806901                    |

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## Accessories

- Machine
  - Platform with safety barrier
  - Centerline for job quick-change
  - Electronic double sheet control
  - Adjustable centering at the stripping and at the delivery
  - Air conditioning for the electrical cabinet
  - Gripper bars
  - Bobst-Electronic machine operating system C.U.B.E. : (Control Unit Bobst Electronic)
  - Main motor with frequency variator
  - **M-5 CHASE CHANGER : allows the change and preparation of the chase and the die cutting corresponding to the next job (Includes an increase in the surface of the platform)**
  - **B-41 ADDITIONAL INTERFACE "CUBE". It includes an additional screen and keyboard located on the feeder, operator side, which facilitate the management of the machine.**
  - **B-1 ELEVATED MACHINE Machine elevated 415 mm, included elevation of the steps**
- Feeder
  - Pile-tray with handle allowing manual lateral correction of the pile during production
  - Photocells for automatic cycle on feeder
  - Pile height control at the front edge thanks to a photoelectric cell
  - Pile rear guide (OS and OOS sides)
  - Adjustable lateral blowers with Centerline references
  - Suction unit with multiple adjusting
  - Safety system for lowering the pile try
  - **C-17 AUTOMATIC SIDE CORRECTION OF THE PILE**
  - **C-4 NON-STOP FEEDER MANUAL DEVICE**
  - **C-8 VERTICAL POSITIONING OF THE SUCTION UNIT. Eliminates manual interventions to compensate for the flatness of the pile shape**
- Introduction table

- Covered with an anti-static stainless steel plate
- Synchronization of the sheet adjustable at the stop, allows to adapt the speed of the feeder with which of the platin
- Input on table feeder
- 4 front lays, adjustable in pairs with front register control
- Pull-lay operator side (OS) adjustable according to Centerline, with sheet control
- Double sheet detector
- Support plates at entry of platen station
- Sheet-hold down device (guiding the sheets to front lays)
- Upper frame with manual lifting device
- Upper sheet transport equipment for paper, cardbord and corrugate cardboard to 4 mm thickness
- Transport belt With lateral guidance and automatic tension system
- **D-1 PULL GUIDE (OOS) with device for sheet presence control. Pull adjustable with Centerline references**
- **C-5 CONTROLLABLE SHEET ARRIVAL FOR PERFECT SYNCHRONIZATION OF SHEET ARRIVAL AND REDUCTION OF MACHINE STOPPAGES**
- **D-2 PUSH GUIDE (OS operator side)**
- **D-73 FEED BELT SLOW-DOWN DEVICE Ensures smooth arrival of sheets against the front registers**
- Platin
  - Grippers re-opening device
  - Die-cutting device without band of gripper grip
  - Equipment centering and locking
  - Locking of the chase against the upper beam
  - Measurement of the die-cutting force with strain gauge
  - Resocell: synthetic material supporting plate. Thickness 22.5 mm
  - 1 Upper chase with quick locking: fixed bottom (E-3) Plate, thickness 2 mm and make-ready protection plate of syntetic material, 1 mm thickness
  - 1 Cutting plate (E-4)
  - **E-56 LOWERING DEVICE FOR THE CHAINS-GUIDE**
  - **E-3 1 UPPER CHASE WITH QUICK LOCKING: FIXED BOTTOM**
  - **E-5 COMPENSATION PLATE 4 mm thickness. it's useful for thin plate for repetitive work**
  - **E-55 ADJUSTABLE SUPPORTING PLATE CENTERINGS (MICROMETRIC)**
- Stripping Station
  - 3 drawer frames system with micrometric adjusting
  - 1 Upper Stripping Frame (F-2)
  - 1 Upper stripping equipment (F-21) required to create a waste stripping tool, including crossbars, clamps, stripper holders and stripping pins of 3, 5 and 10 mm of diameter
  - 1 Fastening equipment for stripping die (F-22)
  - 1 Central drawer frame (F-71)
  - 1 Fastening equipment stripping table (F-75)
  - 1 lower pull-out frame (F-8)
  - 1 Lower stripping equipment (F-81) Equipment for waste stripping including crossbars, pins and supports
  - **F-72 1 CENTRAL PULL-OUT FRAME QUICK LOCK ON STRIPPING UNIT**
  - **B-23 SHEET BRAKING DEVICE USING BERNOULLI SYSTEM AT STRIPPING SECTION. Includes braking tablets that are used with the Bernoulli system. It allows better maintenance of the back part of the sheets of light material**
  - **F-31 1 UPPER PULL-OUT FRAME QUICK LOCK. It reduces stripping tool assembly times; the quick-closing device allows the tool to be changed in the machine)**
  - **F-9 PRE-SETTING TABLE : Adjustable. Allows the preparation of a second job during production, reducing machine makeready time and increasing the time available to run production. Requires: a series of supplementary stripping tools**
- Blanking Station
  - Drawer sheet device with electronic control of sheet presence
  - Gripper opening device that allows the sheets to arrive in the pile
  - Automatic pallet change device (Conveyor) With safety barrier and photoelectric cells

- (opposite operator side)
  - Automatic Non-Stop device
  - Safety of pile ascent
  - Belt for evacuation of trimmings or residual grid located at the end of the machine. It also allows the removal of a sheet with non-separated poses, for quality control
  - Drawer frames system with micrometric adjustment
  - 1 Upper drawer frame (H-21)
  - 1 Universal upper tool (H-25). Equipment necessary for the creation of a pose separation tool
  - 1 Fixing material of a separating tool (H-26). For fixing the upper separation tools of fabricated poses. Recommended for repetitive work.
  - 1 Bottom drawer frame with fastening material (H-5). Allows you to attach a lower separation tool to manufactured poses
  - 1 Adjustable lower tool (H-6). Adjustable tool includes: - universal frame (H-61) - material that allows you to assemble the separation grid
  - **F-31 1 UPPER PULL-OUT FRAME QUICK LOCK OF THE BLANKING. It reduces blanking tool assembly times; the quick-closing device allows the tool to be changed in the machine)**
- Delivery
  - **B-25 BERNOULLI DEVICE AT THE DELIVERY**
- Conformity to standards and security
  - The Autoplaten Presses SP 104-E is in conformity with the European Directives for the Safety and Health requirements related to its design and construction, as well American standards UL 508 and NFPA related to industrial equipment
  - Emergency Stops
  - Operator safety devices
  - Gripper Bar Chain Slip Clutch
  - Gripper bar chain locking device
  - Handling of the diecutting equipment