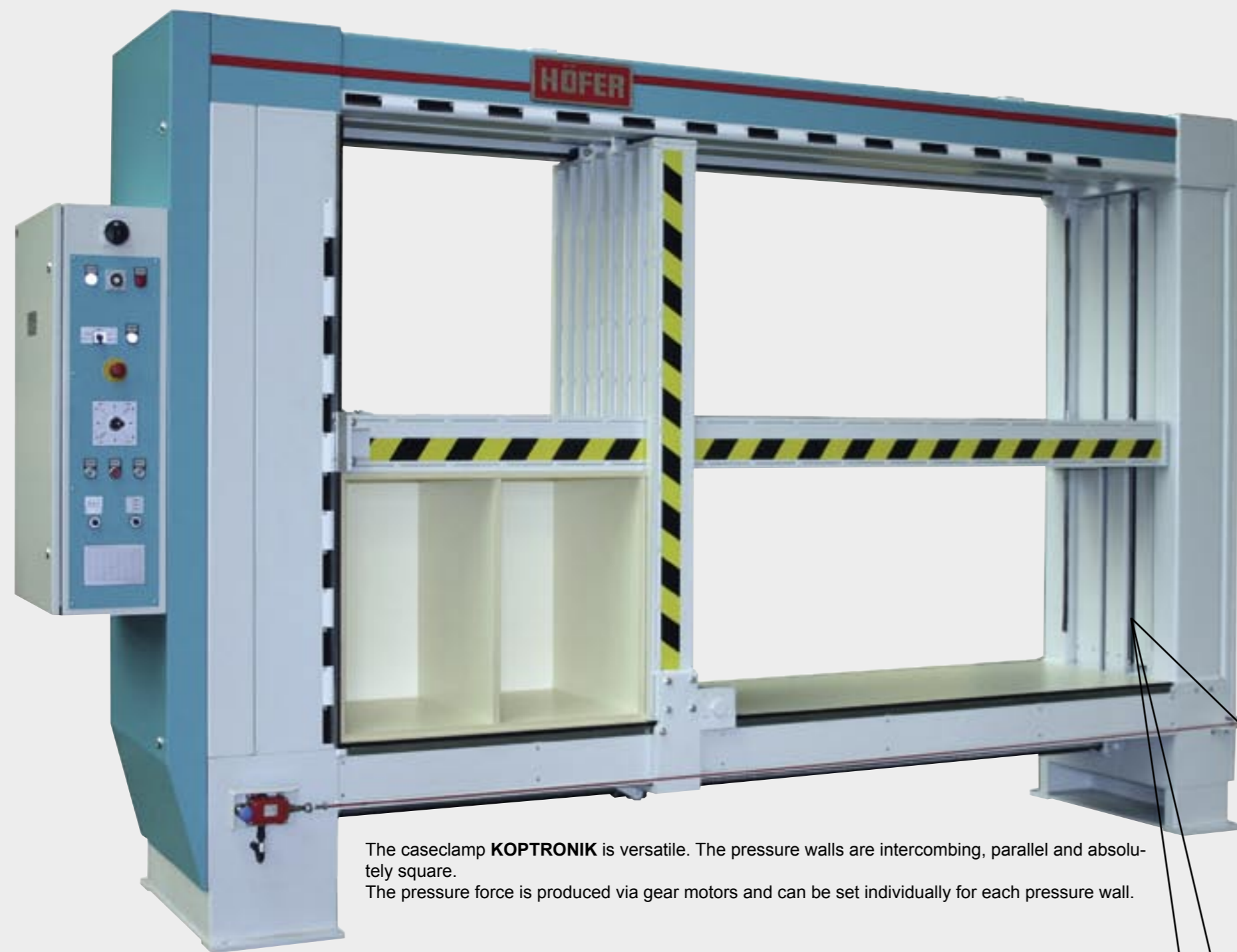


efficient and versatile

Caseclamp KOPTRONIK

The caseclamp **KOPTRONIK** offers a multitude of applications - ideal for pressing cabinets, drawers, arched frames, individual taylored furniture and much more ...



The caseclamp **KOPTRONIK** is versatile. The pressure walls are intercombing, parallel and absolutely square. The pressure force is produced via gear motors and can be set individually for each pressure wall.

cost reducing and efficiency increasing

Special equipment

In order to make work more effective and efficient, we have designed handling equipment. Not only does this equipment save you time and work during the machine loading procedure, it also allows you to move and handle the largest of cases with **only one person necessary**.



Caseclamp on machine base for ergonomic working conditions. Front layout table with pneumatically lift- and lowerable rollers, can be pushed out of the way.

Built-in rollerway in the front layout table. The base of the case is equipped with air-jets which also help make loading and unloading quick and easy.



For the handling of large cases, a combined uprighting station / discharge rollerway is used. The case is brought into an upright position with use of a spindle and can then be forwarded easily.



The electronic sensor, built into the pressure walls, identifies the workpiece and controls the procedure accordingly.

The **absolute square press frame** and the **closely aligned steel battens** guarantee squared cases and best pressing results.



The following control switches are clearly arranged on the **control console**:

the **pressing-time selector switch** with automatic opening function is vital for the production flow

the **operation mode selector switch** allows you the individual choice of the operation mode ...

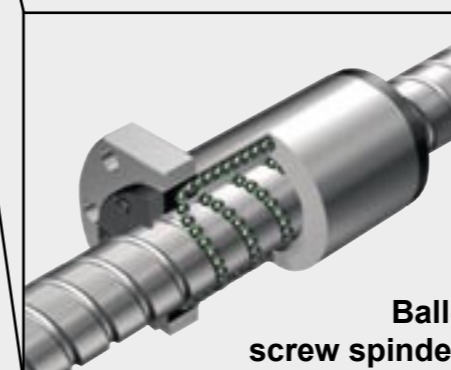
the **control switch** - necessary when in manual mode in order to move to any position ...

With the **variable pressure setting** via frequency converters you can set the optimal pressure for your workpiece. The maximal pressure force is 7700 lbs. (3500 dN) per pressure wall.

Open new horizons with the caseclamp Koptronik



- ✓ in the manufacturing of your high quality cabinets
- ✓ in controlling of the every day work flow
- ✓ increasing the output while cutting down on costs



Ball-screw spindle

- Ballscrew spindle**
- three times higher efficiency than acme-spindle
 - because of specially designed scrapers
 - due to precise guidance of the balls
 - due to rolling friction
 - because of the design of the housing and spindle
- low on maintainance**
- high accuracy**
- long life span**
- rolling friction**



Other machines in our caseclamp program

Throughfeed-caseclamp KOPMATIK



Caseclamp KP 1500



With the making of the caseclamp **KOPTRONIK**, **HÖFER** has designed a state-of-the-art machine which meets the highest standards with regard to versatility, durability and sturdiness. Because of its versatility (cases, frames and glue work) the Koptronik will be in great use. Through constant feedback from users in the woodworking industry, the Koptronik has been developed and improved, making it the reliable machine that it is today.

In order to keep pace with the rapidly changing needs of standard or customer manufacturing, the caseclamp **KOPTRONIK**

- + can make quick changeovers due to gear-motors
- + can vary the pressing force due to frequency-converters
- + can help reduce set-up times because of the design of the pressure walls.

The electronics take a load off the machine operator, leaving him more time for other jobs. Time consuming work i.e. set-up time and size adjustment are all computer controlled.

Mitre-pressing and pressing procedures using one pressure wall only are possible.

The standard model caseclamp **KOPTRONIK** has five operation modes:

- MANUAL:** Using the control switch, the pressure walls can be moved individually or simultaneously.
- AUTOMATIC I:** Once the workpiece has been placed into the press the pressure walls, which are monitored by limit switches approach it rapidly and stop approx 0.2 inches (5 mm) short of the workpiece. The control unit switches over to pressing speed and the pressure walls press the workpiece synchronously (= absolute square) at the set pressure.
- AUTOMATIC II:** Procedure as AUTOMATIC I, except that the workpiece is squared by the vertical pressure wall against the stationary pressure wall.
- AUTOMATIC III:** Procedure as AUTOMATIC I, however, the horizontal pressure wall presses the workpiece with reduced pressure three times prior to the pressing procedure. Then the workpiece will be pressed synchronously with the set pressure.
- AUTOMATIC IV:** Procedure as AUTOMATIC I, however, the vertical pressure wall presses the workpiece with reduced pressure three times prior to the pressure procedure. Then the workpiece will be pressed synchronously with the set pressure.

TECHNICAL DATA			
Working dimension max.	[inch; mm]	98 x 55 x 27	2500 x 1400 x 700
Working dimension min.	[inch; mm]	6 x 6 x 6	150 x 150 x 150
Pressure force max.	[lbs; dN, kg]	7700	3500
Adjusting speed	[inch/sec.; mm/sec.]	1 / 2	25 / 50
Connected load	[HP; kW]	6,7	5
Nominal current at 400 V / 50 Hz	[A]	10	10
Total weight	[lbs; kg]	5700	2600
Space requirements (L x B x H)	[ft.; mm]	13 x 2,9 x 7,2	3890 x 900 x 2200

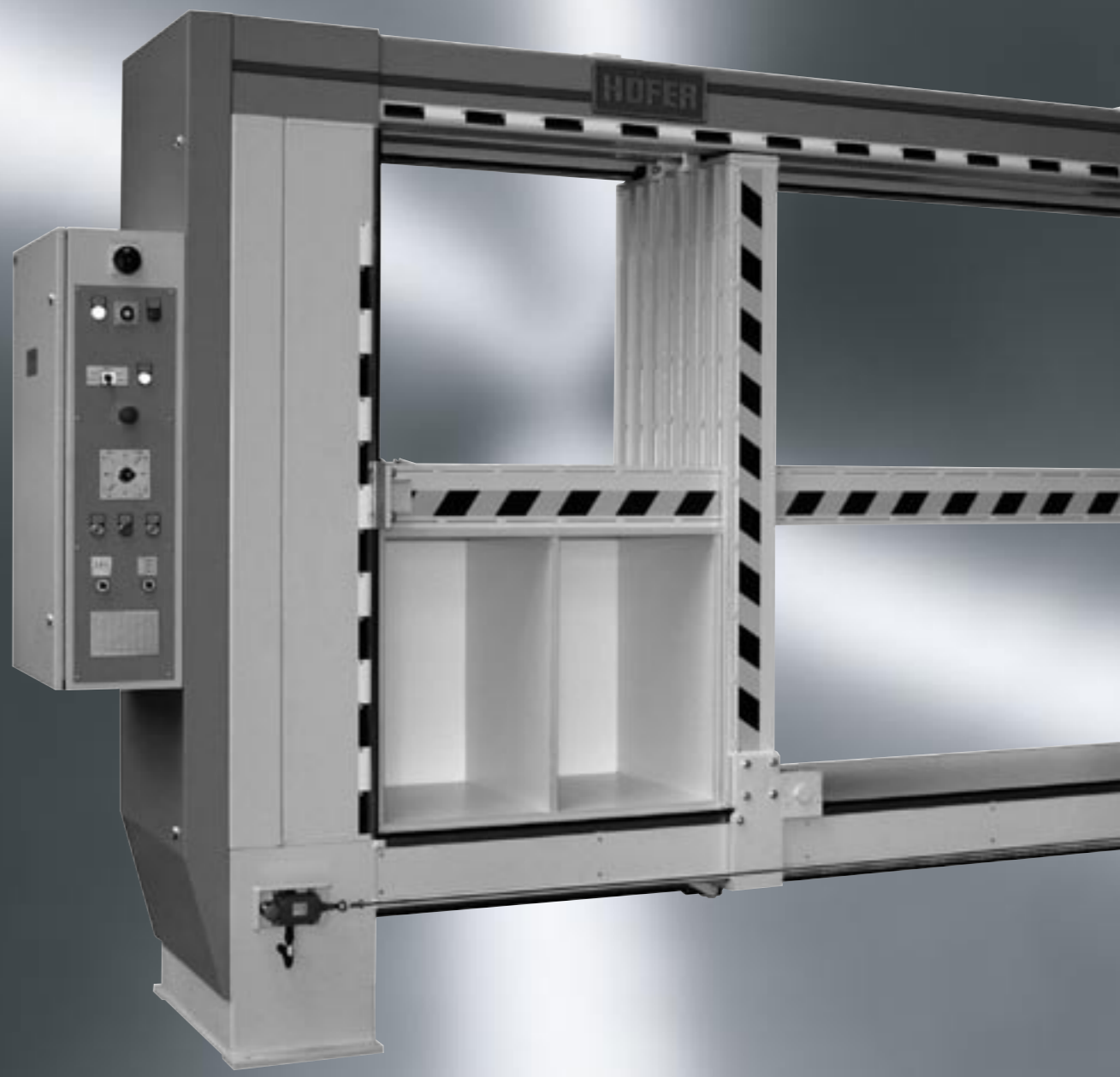
Note: Because of our policy continually improving HÖFER products, technical data and specifications contained herewith are not to be regarded as binding but as a generally correct representation of our products.



Quality is our Policy

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