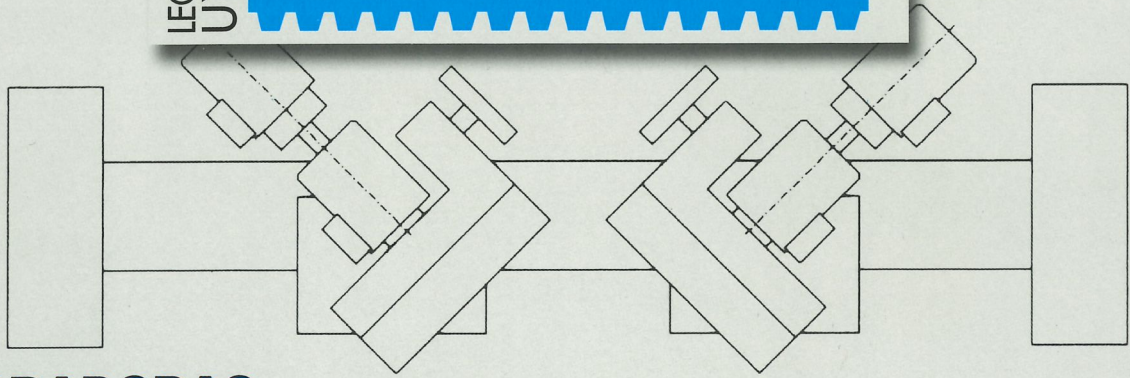


LEGORBURU
UYARRA

BERLE S.A.



BISAGRADORAS

INGLETEADORAS

PUNZONADORAS

TALADROS

MAQUINAS ESPECIALES

GRUPO DE TALADRO

CABEZALES

HINGING MACHINES

MITERING MACHINES

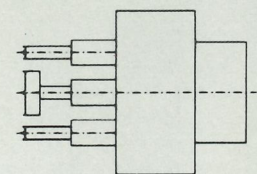
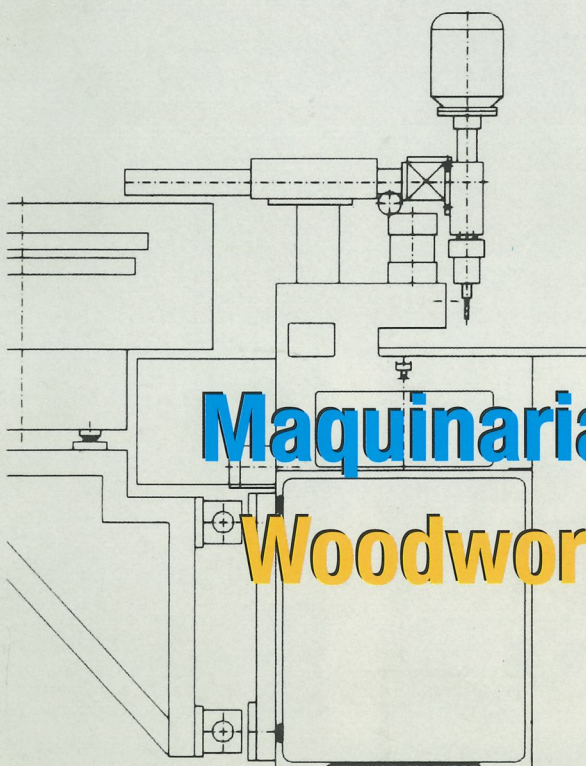
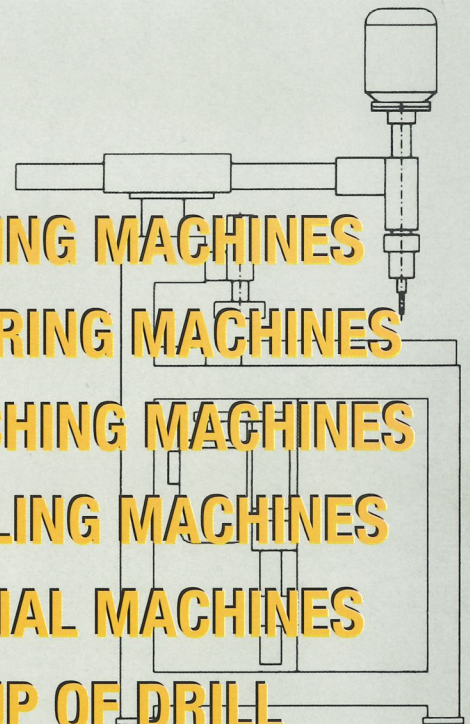
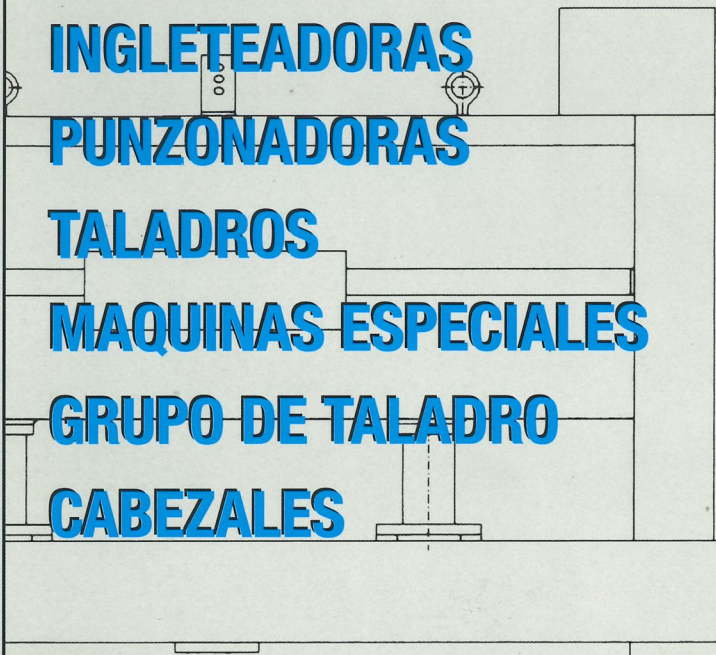
PUNCHING MACHINES

DRILLING MACHINES

SPECIAL MACHINES

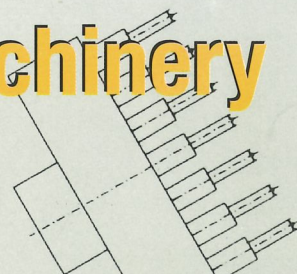
GROUP OF DRILL

HEADS TO DRILL



Maquinaria para la madera

Woodworking Machinery



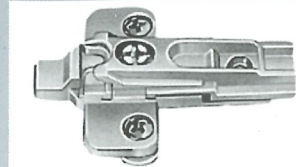
**BISAGRADORA
SEMIAUTOMÁTICA**

R-1

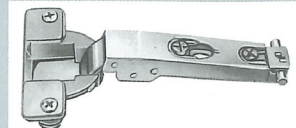
**HINGING-MACHINE
SEMI-AUTOMATIC**



BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



BISAGRA / HINGE



COLGADOR / HANGER



CLOK / CLOK



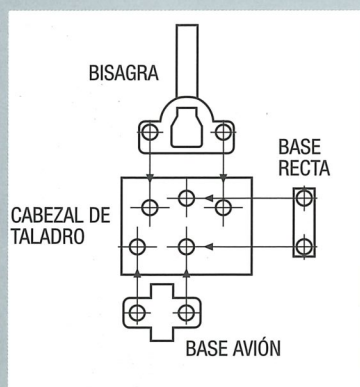
CARACTERÍSTICAS TÉCNICAS

- CABEZAL MONOBLOCK DE 5 PORTABROCAS.
- MOTOR EJE VERTICAL 1,1 Kw/3.000 R.P.M.
- PRESIÓN DE SERVICIO 6 Kg./cm².
- CONSUMO DE AIRE POR CICLO 3 L.
- MESA DE TRABAJO 1.000x385 (otras medidas).
- REGULADOR DE AVANCE EJE VERTICAL.
- GRUPO DE FILTRAJE.
- PEDAL DE MARCHA.

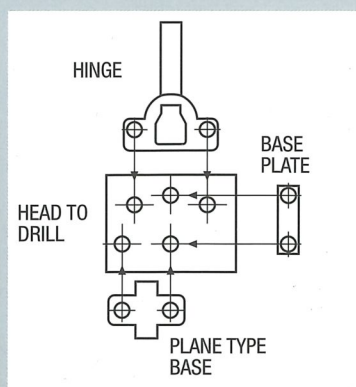
TECHNICAL SPECIFICATIONS

- HEAD WITH 5 DRILLBIT-HOLDERS.
- 1.1 Kw/3,000 R.P.M. MOTOR WITH VERTICAL SHAFT.
- AIR PRESSURE 6 Kg./cm².
- AIR CONSUMPTION FOR CYCLE 3 L.
- WORK TABLE 1,000x385.
- ADVANCE REGULATOR WITH VERTICAL SHAFT.
- FILTERING UNIT.
- PNEUMATIC SPEED PEDAL.

DETALLE CABEZAL 5 PORTABROCAS



HEAD WITH 5 DRILLBIT-HOLDERS



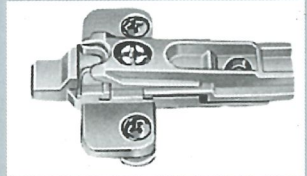
**BISAGRADORA
SEMIAUTOMÁTICA**

R-2

**HINGING-MACHINE
SEMI-AUTOMATIC**



BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



BISAGRA / HINGE



COLGADOR / HANGER



CLOK / CLOK

CARACTERÍSTICAS TÉCNICAS

TECHNICAL SPECIFICATIONS

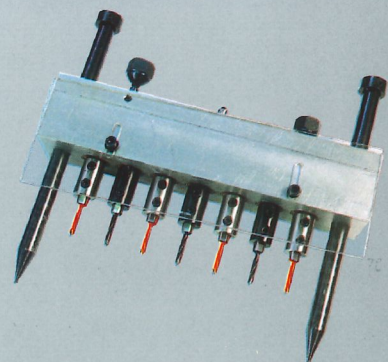
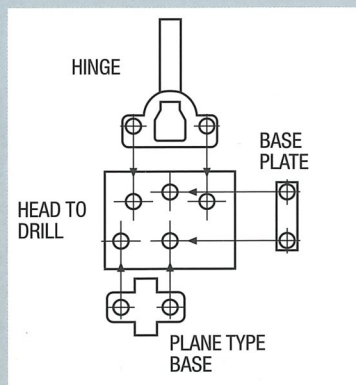
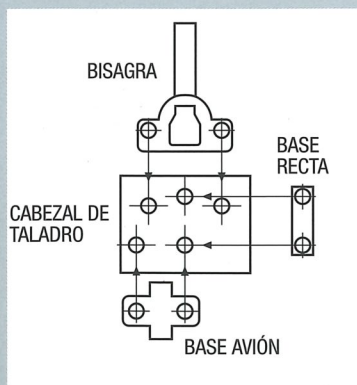
- CABEZAL INTERCAMBIABLE DE 5 PORTABROCAS.
- MOTOR EJE VERTICAL 1,5 Kw/3.000 R.P.M.
- PRESIÓN DE SERVICIO 6 Kg./cm².
- CONSUMO DE AIRE POR CICLO 3 L.
- MESA DE TRABAJO 1.000x385 (otras medidas).
- REGULADOR DE AVANCE EJE VERTICAL.
- PEDAL DE MARCHA.

- INTERCHANGEABLE HEAD TO DRILL WITH 5 DRILLBIT-HOLDERS.
- 1.5 Kw/3,000 R.P.M. ENGINE.
- WORK PRESSURE 6 Kg./cm².
- AIR CONSUMPTION FOR CYCLE 3 L.
- WORK TABLE 1,000x385.
- VERTICAL AXIS FEED REGULATOR.
- PNEUMATIC PEDAL.

DETALLE CABEZAL 5 PORTABROCAS

HEAD WITH 5 DRILLBIT-HOLDERS

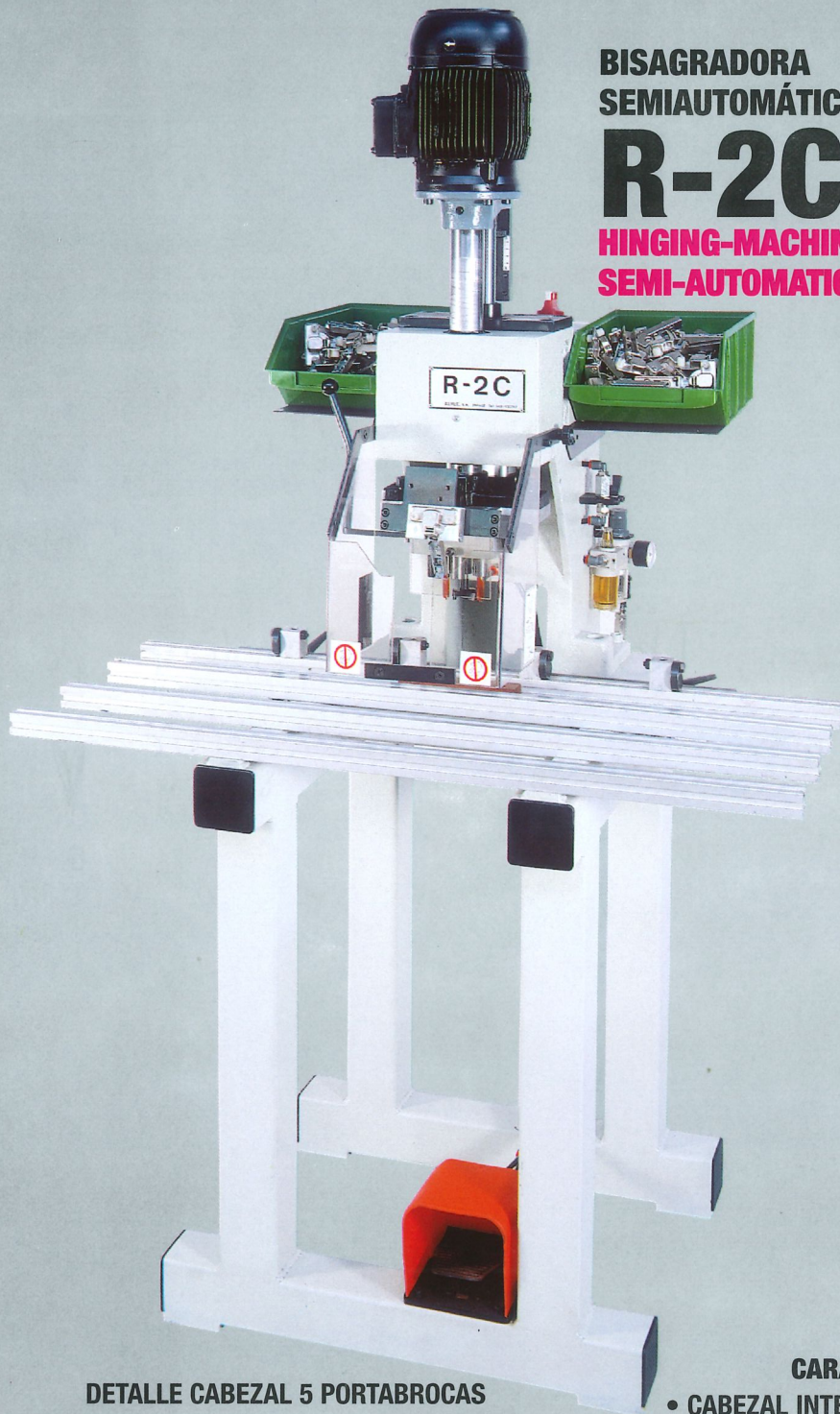
**CABEZAL DE 7 BROCAS CON POSICIONADOR
HEAD WITH 7 DRILLBIT-HOLDERS**



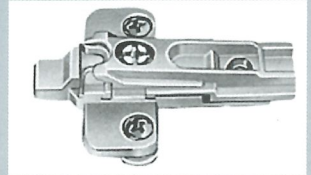
**BISAGRADORA
SEMIAUTOMÁTICA**

R-2C

**HINGING-MACHINE
SEMI-AUTOMATIC**



BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



BISAGRA / HINGE

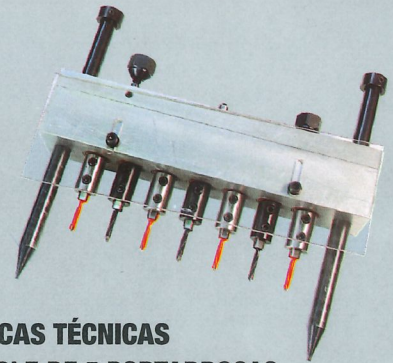


COLGADOR / HANGER

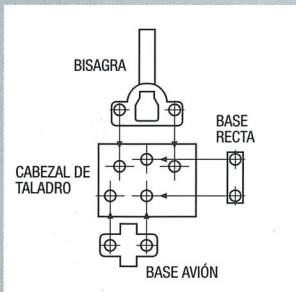


CLOK / CLOK

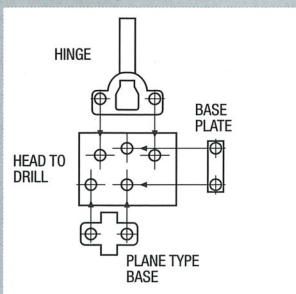
**CABEZAL DE 7 BROCAS CON POSICIONADOR
HEAD WITH 7 DRILLBIT-HOLDERS**



DETALLE CABEZAL 5 PORTABROCAS



HEAD WITH 5 DRILLBIT-HOLDERS



CARACTERÍSTICAS TÉCNICAS

- CABEZAL INTERCAMBIABLE DE 5 PORTABROCAS.
- MOTOR EJE VERTICAL 1,5 Kw/3.000 R.P.M.
- PRESIÓN DE SERVICIO 6 Kg./cm².
- CONSUMO DE AIRE POR CICLO 3 L.
- MESA DE TRABAJO 1.000x385 (otras medidas).
- GRUPO DE FILTRAJE.
- REGULADOR DE AVANCE EJE VERTICAL.
- PEDAL DE MARCHA.

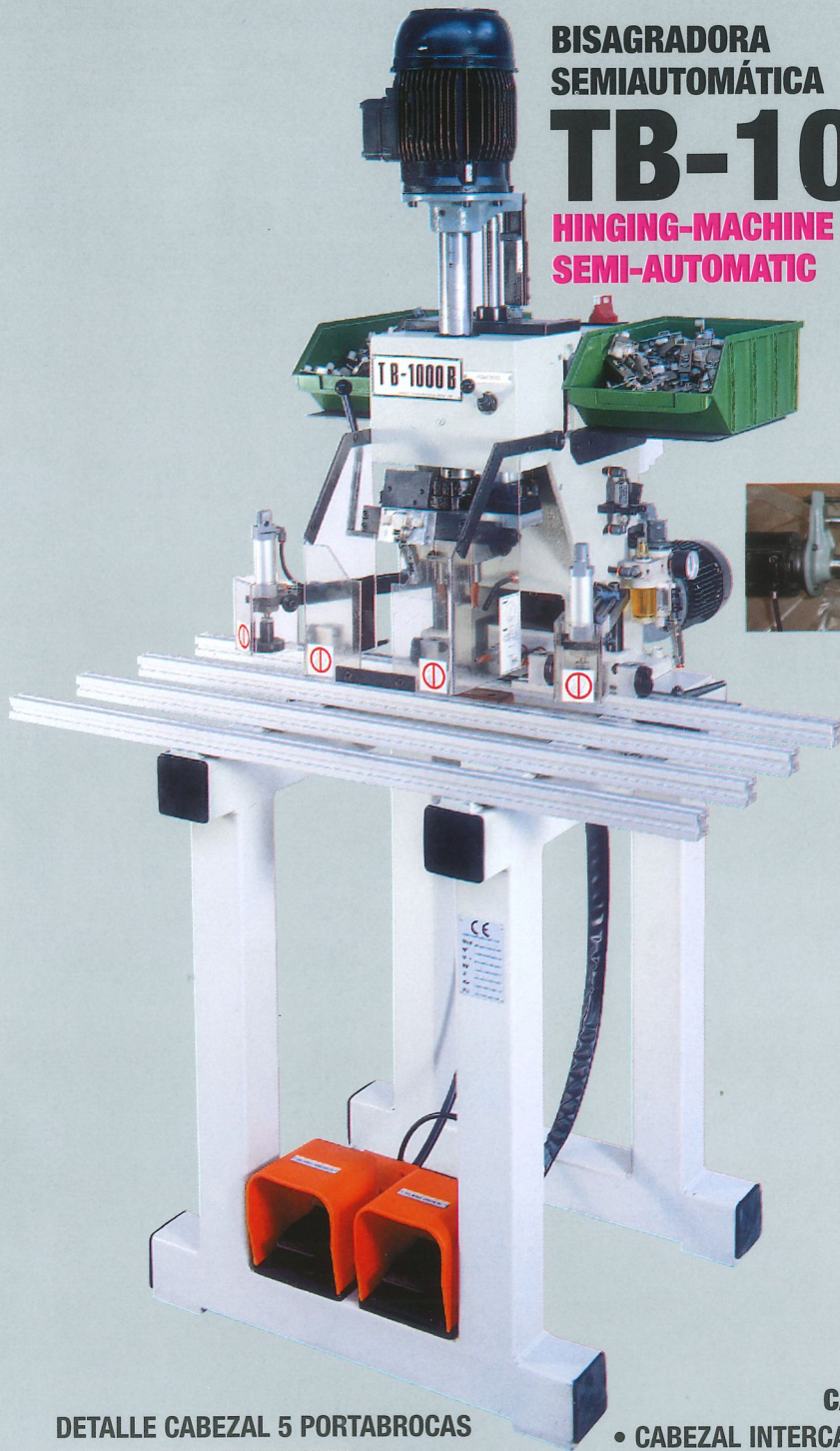
TECHNICAL SPECIFICATIONS

- INTERCHANGEABLE HEAD TO DRILL OF 5 DRILLBIT-HOLDERS.
- 1.5 Kw/3,000 R.P.M. ENGINE OF VERTICAL SHAFT.
- WORKING PRESSURE 6 Kg./cm².
- AIR CONSUMPTION FOR CYCLE 3 L.
- WORK TABLE 1,000x385 (other dimensions available).
- AIR FILTER SET.
- FEED REGULATOR TO DRILL.
- PNEUMATIC PEDAL.

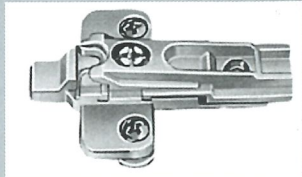
**BISAGRADORA
SEMI-AUTOMÁTICA**

TB-1000B

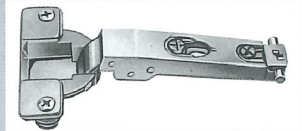
**HINGING-MACHINE
SEMI-AUTOMATIC**



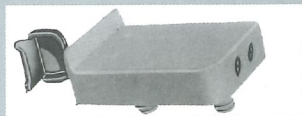
BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



BISAGRA / HINGE

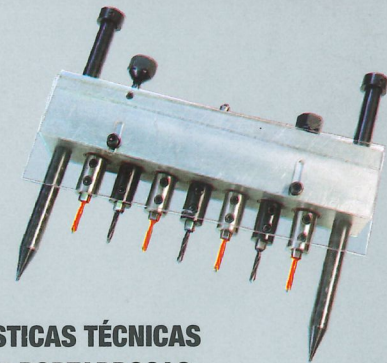


COLGADOR / HANGER

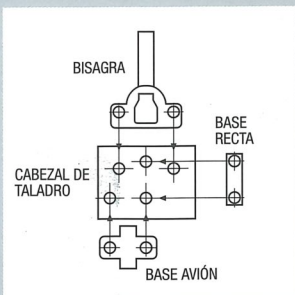


CLOK / CLOK

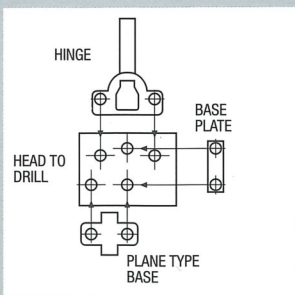
**CABEZAL DE 7 BROCAS CON POSICIONADOR
HEAD WITH 7 DRILLBIT-HOLDERS**



DETALLE CABEZAL 5 PORTABROCAS



HEAD WITH 5 DRILLBIT-HOLDERS



CARACTERÍSTICAS TÉCNICAS

- CABEZAL INTERCAMBIABLE 5 PORTABROCAS.
- MOTOR EJE VERTICAL DE 1,5 Kw./3.000 R.P.M.
- MOTOR EJE HORIZONTAL DE 0,375 Kw./3.000 R.P.M. (Opcional).
- PRESIÓN DE SERVICIO 6 Kg./cm².
- CONSUMO DE AIRE POR CICLO 3 L.
- MESA DE TRABAJO 1.000x385 (otras medidas).
- GRUPO DE FILTRAJE.
- PISONES PARA SUJETAR EL TABLERO.
- MANDOS PARA TRABAJO SIMULTÁNEO O ALTERNO.
- REGULADOR DE AVANCE EJE VERTICAL Y HORIZONTAL.
- CABEZAL EJE HORIZONTAL DE 3 PORTABROCAS. (Opcional).

TECHNICAL SPECIFICATIONS

- INTERCHANGEABLE HEAD TO DRILL OF 5 DRILLBIT-HOLDERS.
- 1.5 Kw./3,000 R.P.M. MOTOR WITH VERTICAL SHAFT.
- 0.375 Kw./3,000 R.P.M. MOTOR WITH HORIZONTAL SHAFT (Optional).
- AIR PRESSURE 6 Kg./cm².
- AIR CONSUMPTION 3 L.
- WORK TABLE 1,000x385.
- FILTERING UNIT.
- BOARD HOLDING RAMS.
- CONTROLS FOR SIMULTANEOUS OR ALTERNATIVE OPERATION.
- ADVANCE REGULATOR WITH VERTICAL AND HORIZONTAL SHAFT.
- GROUP HORIZONTAL WITH 3 DRILLBIT-HOLDER HEAD (Optional).

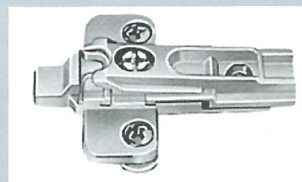
**BISAGRADORA
SEMI-AUTOMÁTICA**

R-4

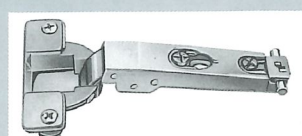
**HINGING-MACHINE
SEMI-AUTOMATIC**



BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



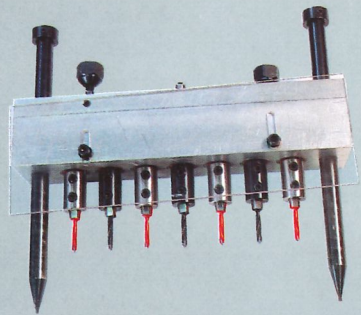
BISAGRA / HINGE



COLGADOR / HANGER

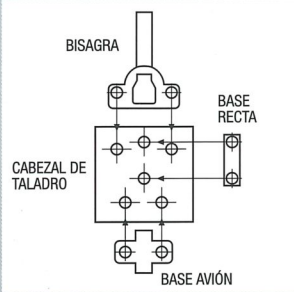


CLOK / CLOK

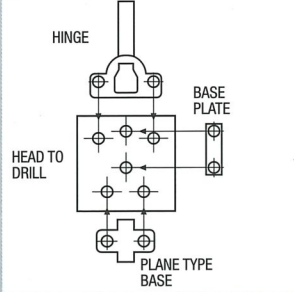


**CABEZAL DE 7 BROCAS CON POSICIONADOR
HEAD WITH 7 DRILLBIT-HOLDERS**

DETALLE CABEZAL 6 PORTABROCAS



HEAD WITH 6 DRILLBIT-HOLDERS

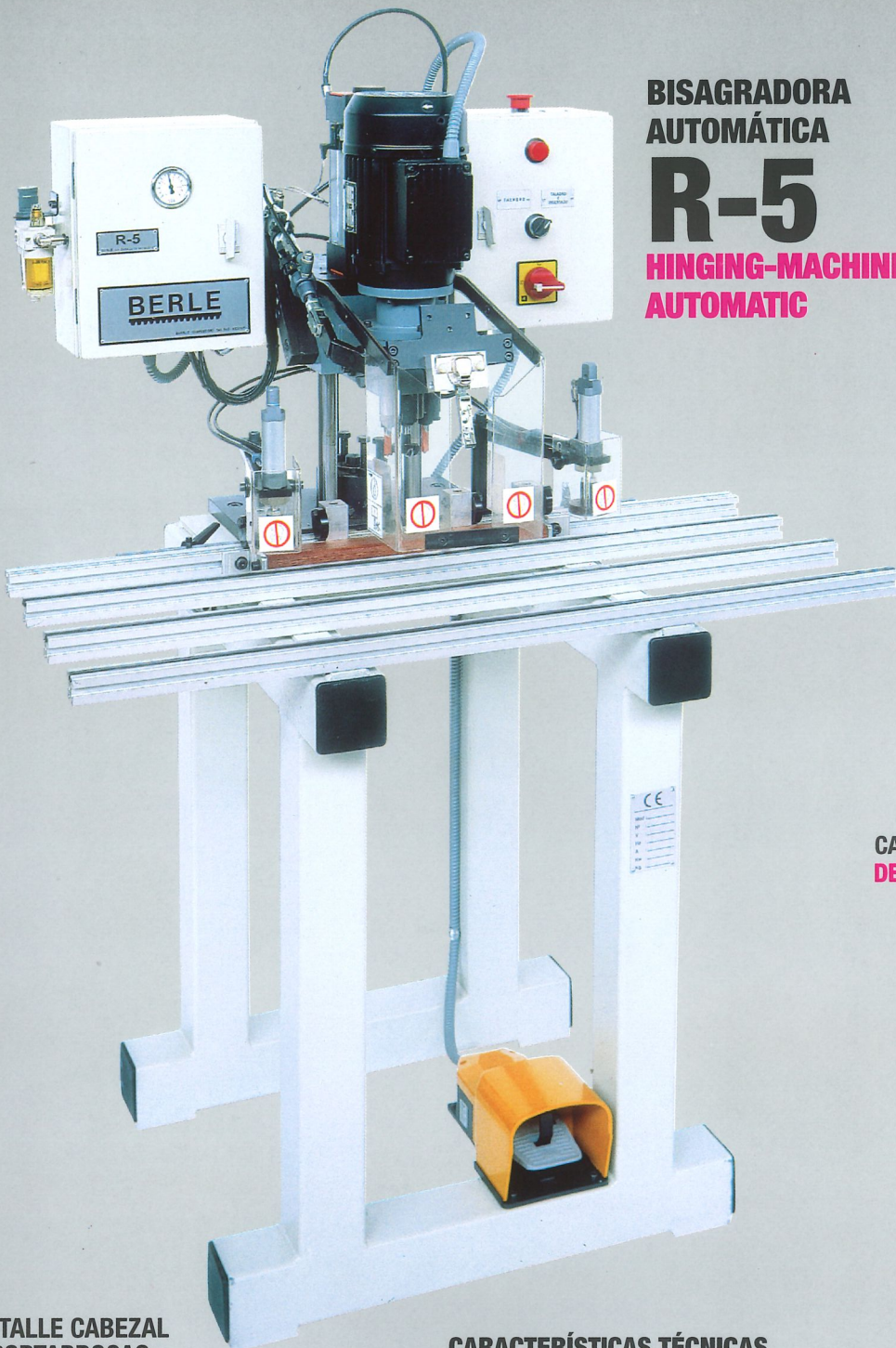


CARACTERÍSTICAS TÉCNICAS

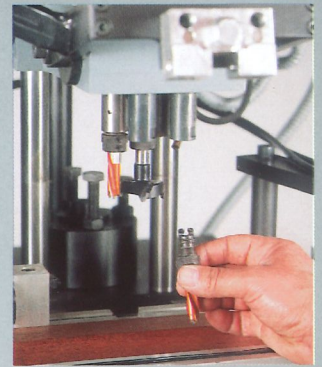
- CABEZAL INTERCAMBIABLE 6 PORTABROCAS.
- ENGANCHE RÁPIDO DE BROCA.
- MOTOR EJE VERTICAL DE 1,1 Kw./3.000 R.P.M.
- MOTOR EJE HORIZONTAL DE 0,36 Kw./3.000 R.P.M. (Opcional).
- PRESIÓN DE SERVICIO 6 Kg./cm².
- CONSUMO DE AIRE POR CICLO 3 L.
- MESA DE TRABAJO 1.000x385 (otras medidas).
- GRUPO DE FILTRAJE.
- PISONES SUJETA TABLERO.
- REGULADOR DE AVANCE EJE VERTICAL Y HORIZONTAL.
- GRUPO HORIZONTAL DE 1 PORTABROCAS (Opcional).
- PEDAL DE MARCHA DEL GRUPO VERTICAL.
- PEDAL DE MARCHA DEL GRUPO HORIZONTAL (Opcional).

TECHNICAL SPECIFICATIONS

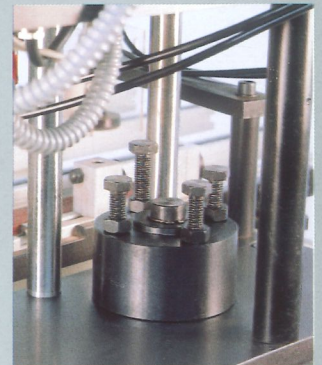
- INTERCHANGEABLE HEAD TO DRILL WITH 6 DRILLBIT-HOLDERS.
- RAPID CONNECTION BIT.
- 1.1 Kw./3,000 R.P.M. MOTOR WITH VERTICAL SHAFT.
- 0.36 Kw./3,000 R.P.M. MOTOR WITH HORIZONTAL SHAFT (Optional).
- AIR PRESSURE 6 Kg./cm².
- AIR CONSUMPTION FOR CYCLE 3 L.
- WORK TABLE 1,000x385 (other dimensions available).
- FILTERING UNIT.
- BOARD HOLDING RAMS.
- ADVANCE REGULATOR WITH VERTICAL AND HORIZONTAL SHAFT.
- HORIZONTAL UNIT WITH 1 DRILLBIT-HOLDERS (Optional).
- VERTICAL SPEED PEDAL.
- HORIZONTAL SPEED PEDAL (Optional).



**BISAGRADORA
AUTOMÁTICA
R-5
HINGING-MACHINE
AUTOMATIC**



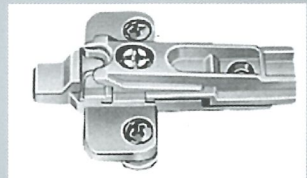
**ENGANCHE RÁPIDO DE BROCAS
RAPID CONNECTION BIT**



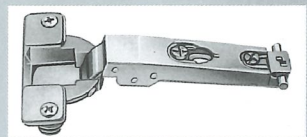
**CARRUSEL TOPE VARIABLE DE PROFUNDIDAD
DEPTH VARIABLE STOP CAROUSEL**



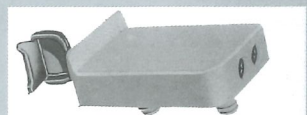
BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



BISAGRA / HINGE

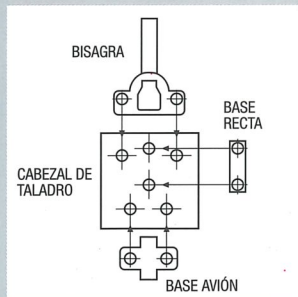


COLGADOR / HANGER

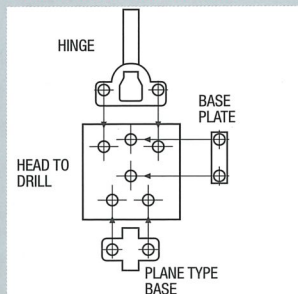


CLOK / CLOK

**DETALLE CABEZAL
6 PORTABROCAS**



**HEAD WITH 6
DRILLBIT-HOLDERS**



CARACTERÍSTICAS TÉCNICAS

- CABEZAL DE 6 PORTABROCAS MONOBLOCK.
- SELECTOR TALADRO.
- SELECTOR TALADRO + INSERTADO.
- MOTOR EJE VERTICAL 1,1 Kw/3.000 R.P.M.
- PRESIÓN DEL SERVICIO 6 Kg./cm².
- CONSUMO DE AIRE POR CICLO 6 L.
- MESA DE TRABAJO 1.000x385 (otras medidas).
- REGULADOR DE AVANCE EJE VERTICAL.
- ENGANCHE RÁPIDO DE BROCA.
- CARRUSEL TOPE VARIABLE DE PROFUNDIDAD.

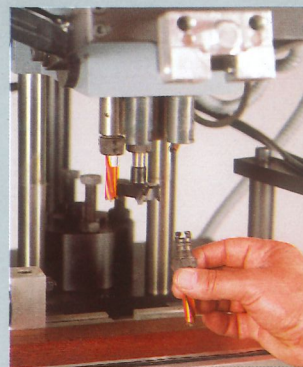
TECHNICAL SPECIFICATIONS

- HEAD WITH 6 DRILLBIT-HOLDERS.
- DRILL SELECTOR.
- DRILL + INSERT SELECTOR.
- 1.1 Kw/3,000 R.P.M. MOTOR WITH VERTICAL SHAFT.
- AIR PRESSURE 6 Kg./cm².
- AIR CONSUMPTION FOR CYCLE 6 L.
- WORK TABLE 1,000x385.
- ADVANCE VARIABLE WITH VERTICAL SHAFT.
- RAPID CONNECTION BIT.
- DEPTH VARIABLE STOP CAROUSEL.

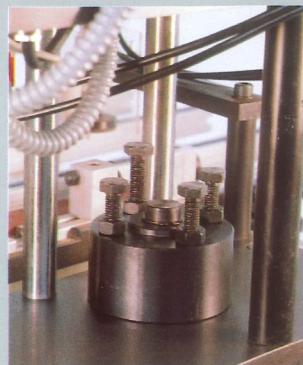
**BISAGRADORA
SEMI-AUTOMÁTICA**

R-3

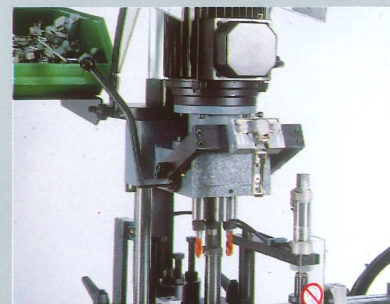
**HINGING-MACHINE
SEMI-AUTOMATIC**



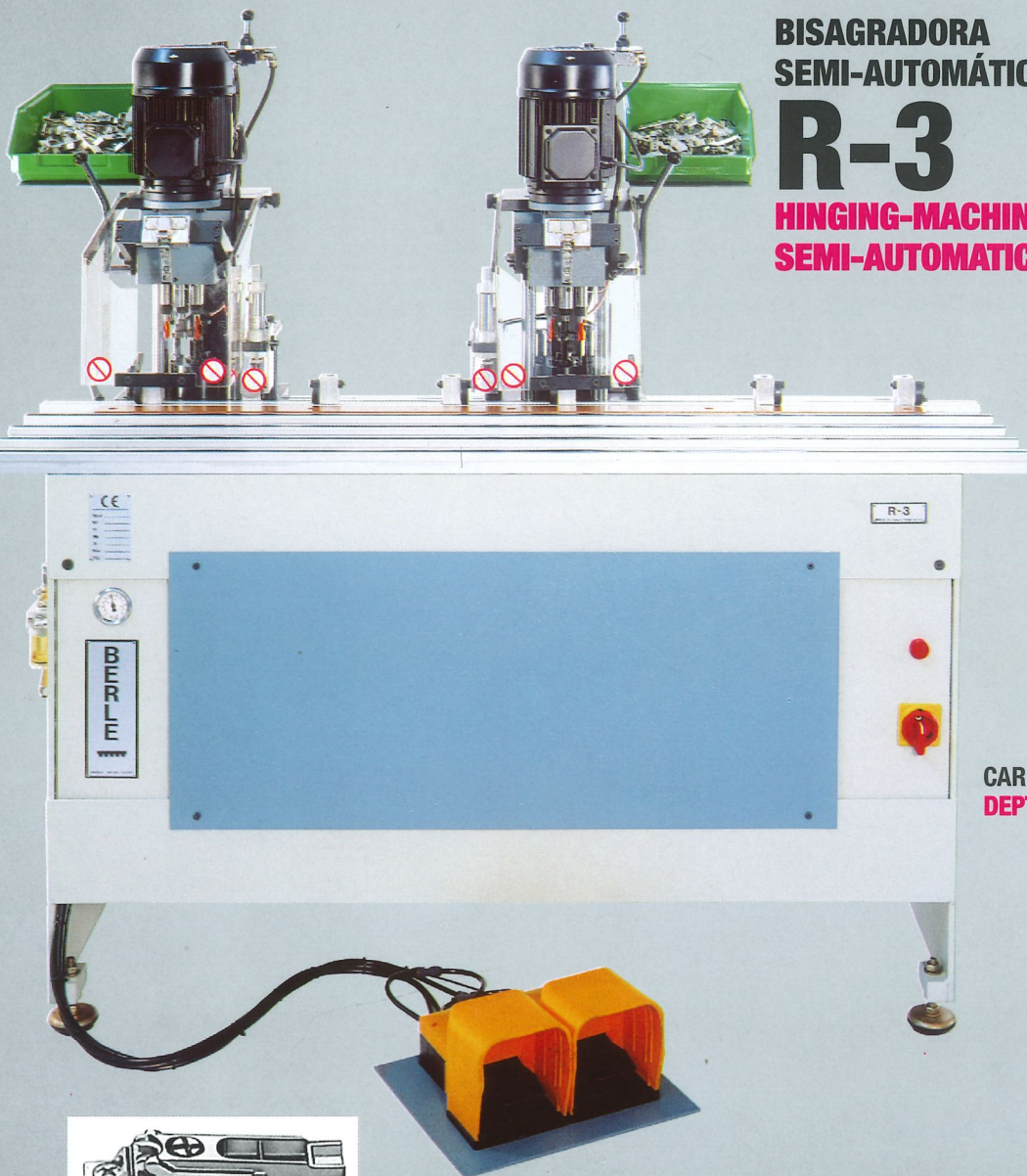
**ENGANCHE RÁPIDO DE BROCAS
RAPID CONNECTION BIT**



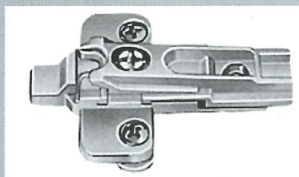
**CARRUSEL TOPE VARIABLE DE PROFUNDIDAD
DEPTH VARIABLE STOP CAROUSEL**



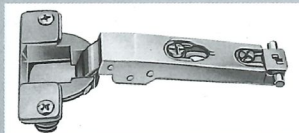
**GIRO DEL PORTA-ÚTIL MANUAL
MANUAL INSERTION OF HINGE**



BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



BISAGRA / HINGE

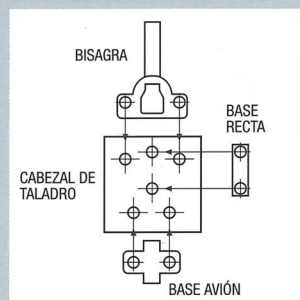


COLGADOR / HANGER

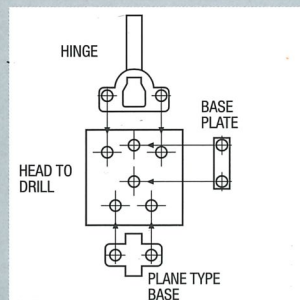


CLOK / CLOK

**DETALLE CABEZAL
6 PORTABROCAS**



**HEAD WITH 6
DRILLBIT-HOLDERS**



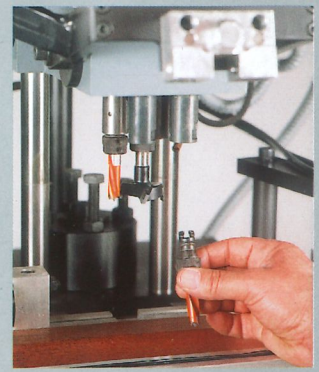
CARACTERÍSTICAS TÉCNICAS

- CABEZAL DE 6 PORTABROCAS MONOBLOCK.
- MOTORES DE LOS EJES VERTICALES 1,1 Kw/3.000 R.P.M.
- PRESIÓN DE SERVICIO 6 Kg./cm².
- CONSUMO DE AIRE POR CICLO 6 L.
- MESA DE TRABAJO 1.500x385 (otras medidas).
- REGULADOR DE AVANCE EJE VERTICAL.
- ENGANCHE RÁPIDO DE BROCAS.
- CARRUSEL TOPE VARIABLE DE PROFUNDIDAD.
- DISTANCIA MÍNIMA ENTRE CENTROS: 200 mm.
- DISTANCIA MÁXIMA ENTRE CENTROS: 1.000 mm.

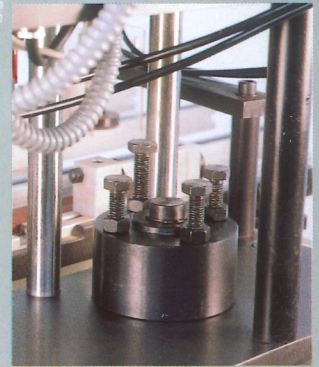
TECHNICAL SPECIFICATIONS

- HEAD WITH 6 DRILLBIT-HOLDERS.
- 1.1 Kw/3,000 R.P.M. ENGINE WITH VERTICAL SHAFT.
- AIR PRESSURE 6 Kg./cm².
- AIR CONSUMPTION FOR CYCLE 6 L.
- WORK TABLE 1,500x385.
- ADVANCE REGULATOR WITH VERTICAL SHAFT.
- RAPID CONNECTION BIT.
- DEPTH VARIABLE STOP CAROUSEL.
- MINIMUM DISTANCE BETWEEN CENTRES: 200 mm.
- MAXIMUM DISTANCE BETWEEN CENTRES: 1,000 mm.

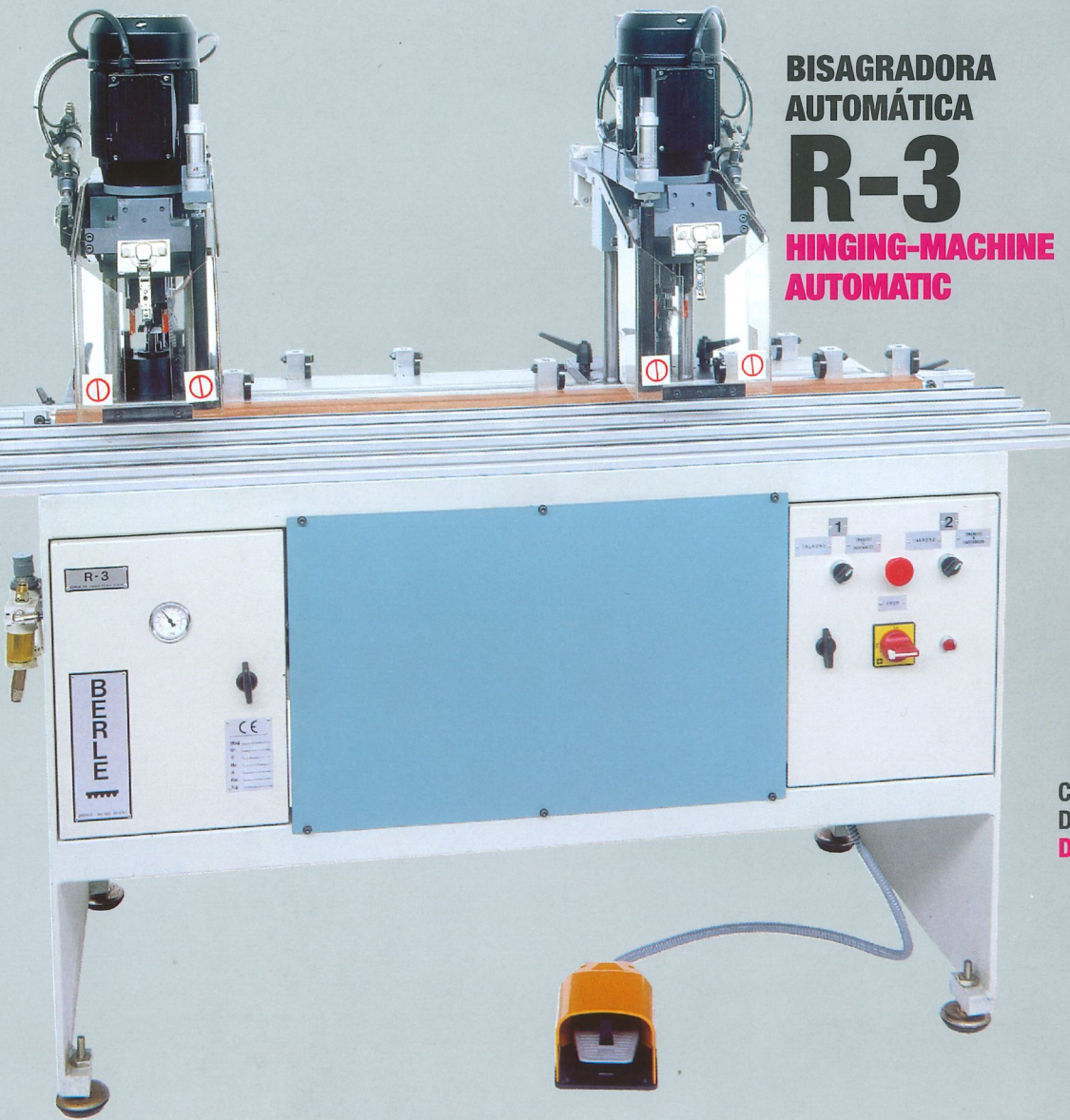
BISAGRADORA AUTOMÁTICA R-3 HINGING-MACHINE AUTOMATIC



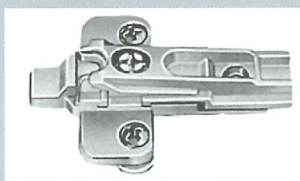
ENGANCHE RÁPIDO DE BROCAS
RAPID CONNECTION BIT



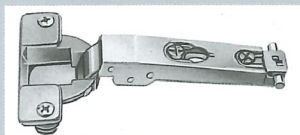
CARRUSEL TOPE VARIABLE
DE PROFUNDIDAD
DEPTH VARIABLE STOP CAROUSEL



BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



BISAGRA / HINGE

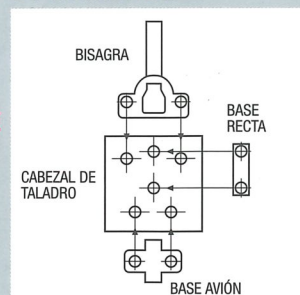


COLGADOR / HANGER

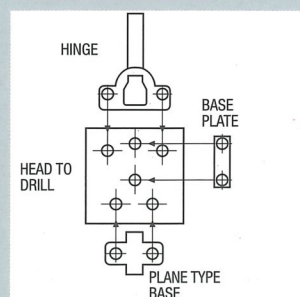


CLOK / CLOK

DETALLE CABEZAL
6 PORTABROCAS



HEAD WITH 6
DRILLBIT-HOLDERS



CARACTERÍSTICAS TÉCNICAS

- CABEZALES DE 6 PORTABROCAS MONOBLOCK.
- SELECTOR TALADRO.
- SELECTOR TALADRO + INSERTADO.
- MOTORES DE LOS EJES VERTICALES 1,1 Kw/3.000 R.P.M.
- PRESIÓN DE SERVICIO 6 Kg./cm².
- CONSUMO DE AIRE POR CICLO 6 L.
- MESA DE TRABAJO 1.500x385 (otras medidas).
- REGULADOR DE AVANCE EJE VERTICAL.
- ENGANCHE RÁPIDO DE BROCA.
- CARRUSEL TOPE VARIABLE DE PROFUNDIDAD.
- DISTANCIA MÍNIMA ENTRE CENTROS: 200 mm.
- DISTANCIA MÁXIMA ENTRE CENTROS: 1.000 mm.

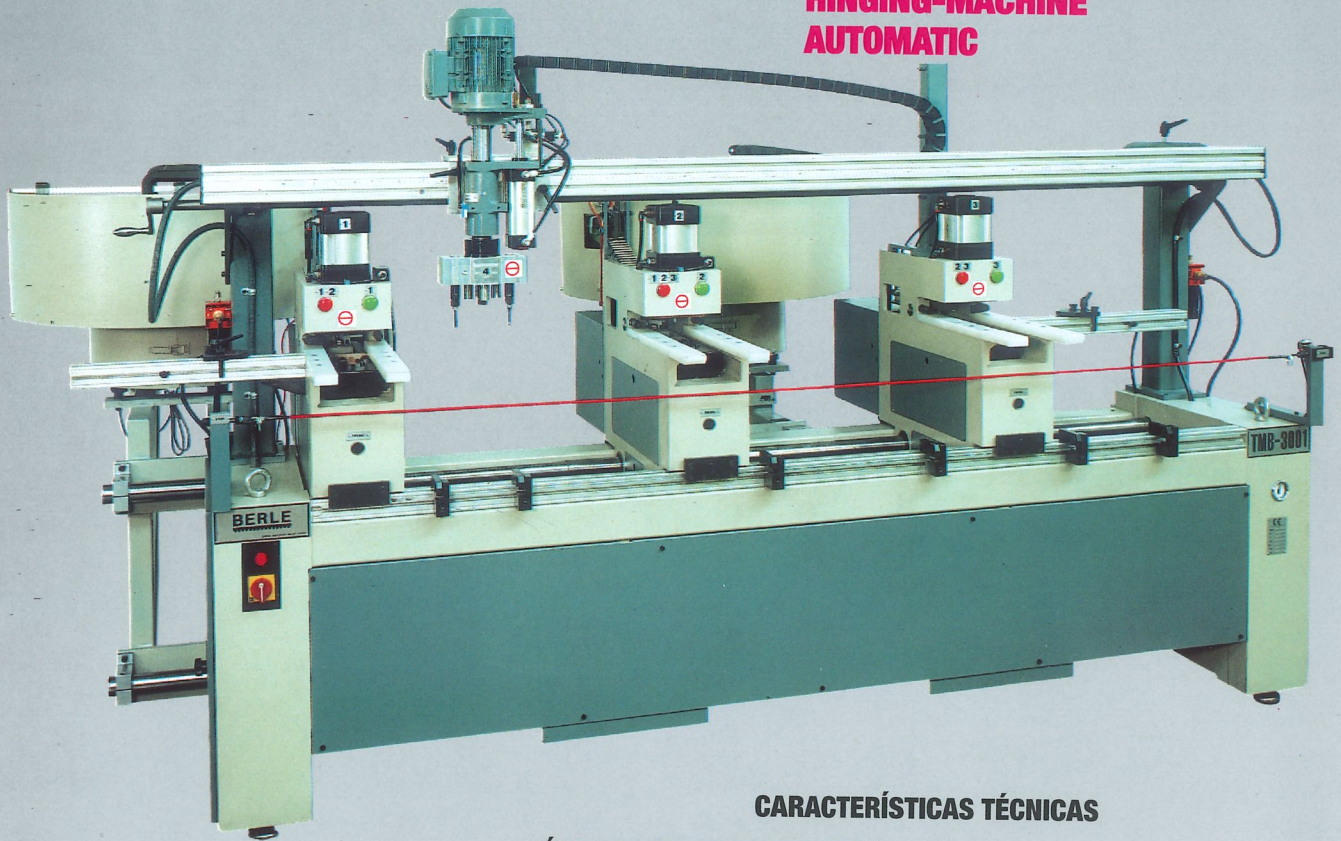
TECHNICAL SPECIFICATIONS

- HEAD WITH 6 DRILLBIT-HOLDERS.
- DRILL SELECTOR.
- DRILL + INSERT SELECTOR.
- 1.1 Kw/3,000 R.P.M. ENGINE.
- AIR PRESSURE 6 Kg./cm².
- AIR CONSUMPTION FOR CYCLE 6 L.
- WORK TABLE 1,500x385.
- ADVANCE REGULATOR WITH VERTICAL SHAFT.
- RAPID CONNECTION BIT.
- DEPTH VARIABLE STOP CAROUSEL.
- MINIMUM DISTANCE BETWEEN CENTRES: 200 mm.
- MAXIMUM DISTANCE BETWEEN CENTRES: 1,000 mm.

BISAGRADORA
AUTOMÁTICA

TMB-3001

HINGING-MACHINE
AUTOMATIC

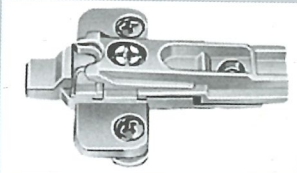


CARACTERÍSTICAS TÉCNICAS

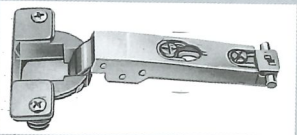
- NÚMERO DE CABEZALES, SEGÚN DEMANDA.
- DISTANCIA MÁXIMA ENTRE 1er. Y EL ÚLTIMO CUERPO 2.190 mm.
- DISTANCIA MÍNIMA ENTRE CENTROS DE CABEZALES 200 mm.
- DURACIÓN DEL CICLO 3 SEGUNDOS.
- PRESIÓN 6 Kg./cm².
- CONSUMO DE AIRE 10 L. (por cabezal).
- MOTOR 1,5 Kw./3.000 R.P.M. (por cabezal).
- FRENADO NEUMÁTICO DE LOS GRUPOS EN SU DESPLAZAMIENTO.
- PULSADOR DE MARCHA INDIVIDUAL Y COLECTIVO.
- CABEZAL DE 4 o 5 PORTABROCAS (no girable).



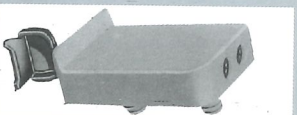
BASE RECTA / BASE PLATE



BASE AVIÓN / PLANE TYPE BASE



BISAGRA / HINGE



COLGADOR / HANGER

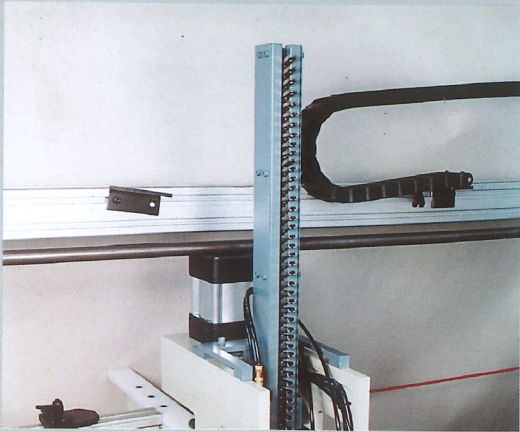


CLOK / CLOK

TECHNICAL SPECIFICATIONS

- N^o. OF TOOLS HEADS: AS REQUIRED.
- STANDARD MAXIMUM DISTANCE BETWEEN HEAD CENTRES: 2,190 mm.
- MINIMUM DISTANCE BETWEEN HEAD CENTRES: 200 mm.
- CYCLE TIME, 3 SECONDS.
- AIR PRESSURE 6 Kg./cm².
- AIR CONSUMPTION: 10 L. OF FRESH AIR PER TOOL HEAD.
- 1.5 Kw./3,000 R.P.M. ENGINE (each head).
- PNEUMATIC BRAKING OF THE GROUPS IN THEIR DISPLACEMENT.
- INDIVIDUAL AND COLLECTIVE RUNNING PUSHER.
- HEAD WITH 4 or 5 NON-TURNABLE DRILLBIT-HOLDERS.

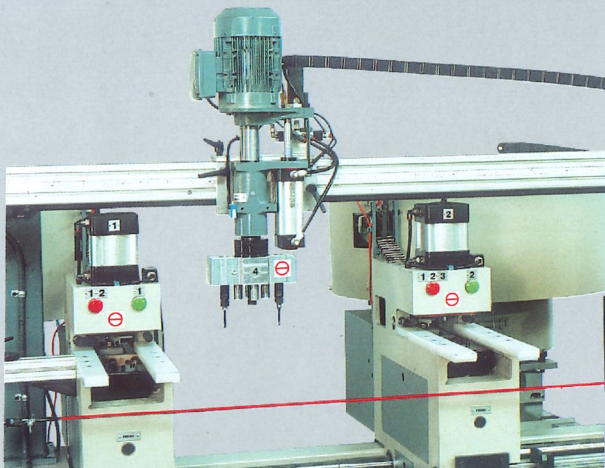
TMB-3001 CON CARGADOR
TMB-3001 WITH AUTOMATIC
CHARGERS



TMB-3001 CON VIBRADOR
TMB-3001 WITH VIBRATORS



TMB-3001 CON PUENTE VERTICAL
DE MOTOR ELÉCTRICO
TMB-3001 WITH VERTICAL DRILL WITH
ELECTRICAL MOTOR



TMB-3001 CON PUENTE VERTICAL
DE MOTOR NEUMÁTICO
TMB-3001 WITH VERTICAL DRILL
WITH PNEUMATIC MOTOR

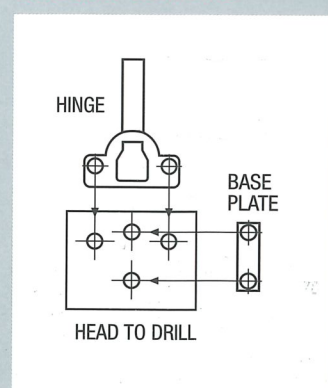
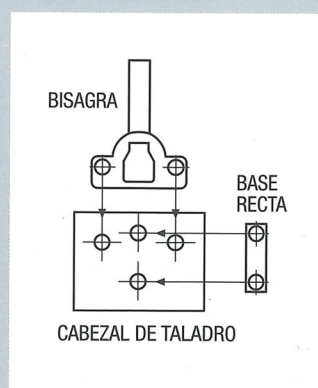
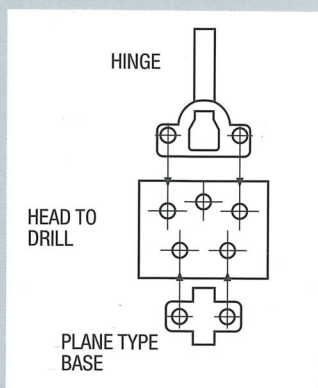
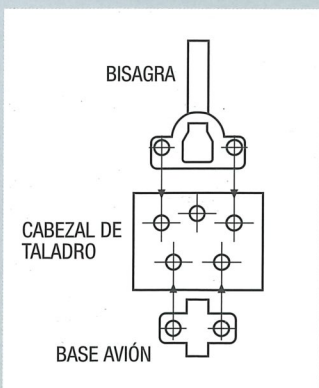


DETALLE CABEZAL
5 PORTABROCAS

HEAD WITH 5
DRILLBIT-HOLDERS

DETALLE CABEZAL
4 PORTABROCAS

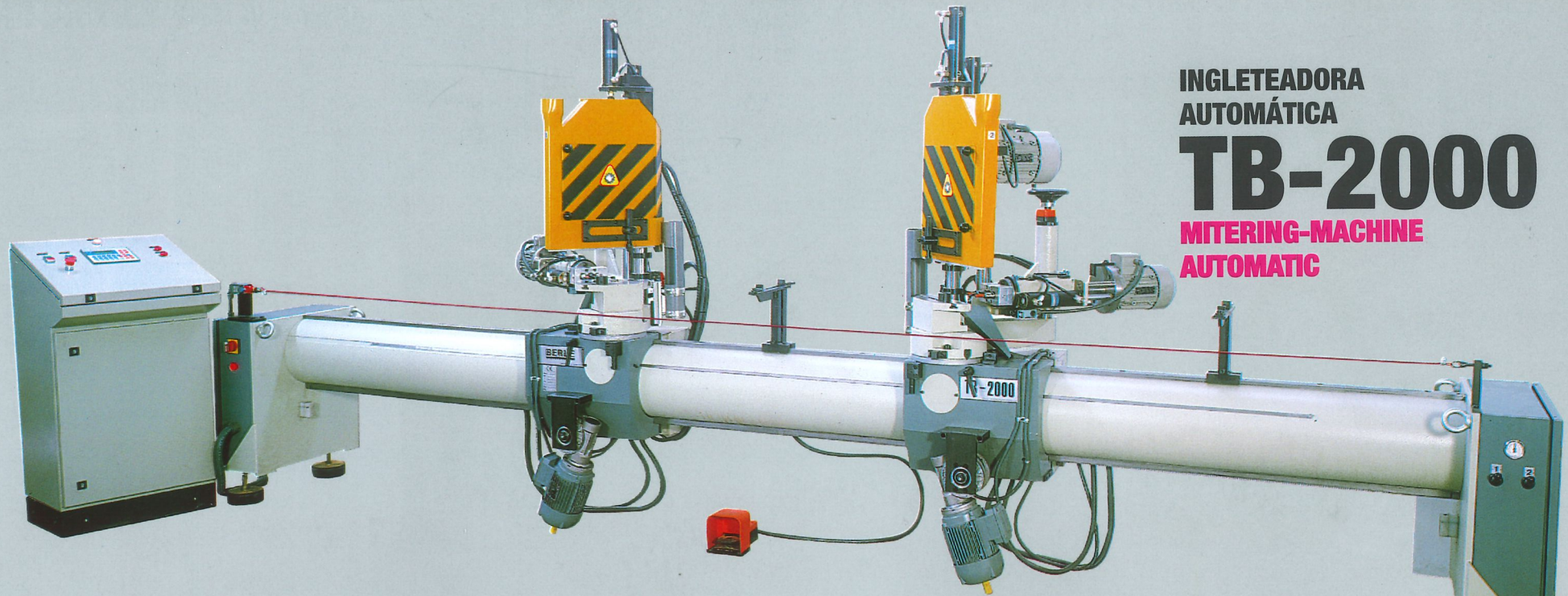
HEAD WITH 4
DRILLBIT-HOLDERS



**INGLETEADORA
AUTOMÁTICA**

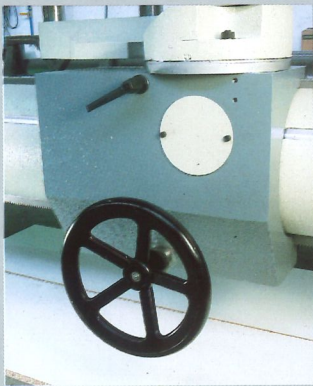
TB-2000

**MITERING-MACHINE
AUTOMATIC**



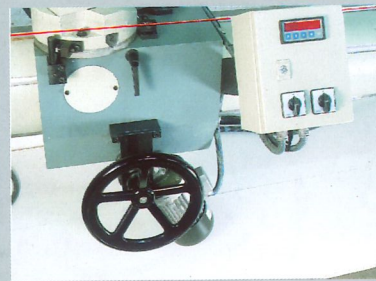
**POR VOLANTE MANUAL
(Lectura por regla milimetrada).**

**MANUAL WHEEL
(Read by millimeted rule)**



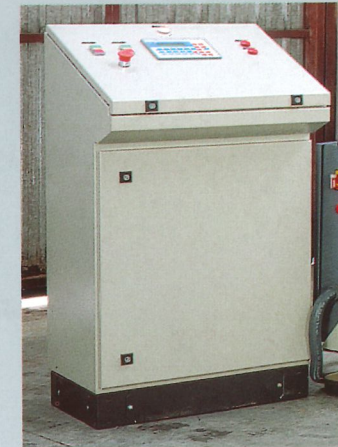
**POR VISUALIZACIÓN DIGITAL
(Con desplazamiento motorizado
con selector manual).**

**DIGITAL VISUALIZATOR
(Motorized displacement with
manual selector).**



**POR POSICIONAMIENTO ELECTRÓNICO
(Se posiciona en la medida
seleccionada automáticamente).**

**ELECTRONIC-DIGITAL POSITIONER
(Automatically takes position in the
selected measure)**

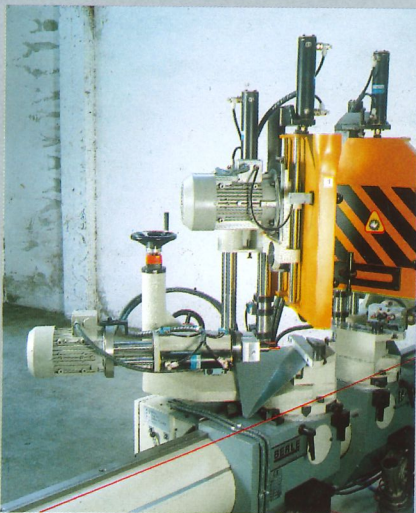


CARACTERÍSTICAS TÉCNICAS

- PISONES DE SUJECCIÓN DE PIEZAS.
- CORTE MÁXIMO ENTRE CIRCULARES A 90° 3.700 mm.
- CORTE MÁXIMO ENTRE CIRCULARES A 45° 3.750 mm.
- CORTE MÍNIMO ENTRE CIRCULARES A 90° 250 mm.
- CORTE MÍNIMO ENTRE CIRCULARES A 45° 300 mm.
- ALTURA MÁXIMA DE CORTE 90 mm.
- ANCHO MÁXIMO DE CORTE 175 mm.
- DIÁMETRO DE SIERRA CIRCULAR Ø350 mm.
- CON MESA SUPLETORIA:
 - CORTE MÍNIMO A 90° 50 mm.
 - CORTE MÍNIMO A 45° 50 mm.
- VISUALIZADO DIGITAL MECÁNICO EN GRUPO DE TALADRO PARA ANCHURA Y ALTURA.
- VISUALIZADO DE PROFUNDIDAD DE TALADRO CON TOPE MECÁNICO MILIMETRADO.
- DESPLAZAMIENTO DE LOS CARROS POR:
 - VOLANTE MANUAL
 - VISUALIZACIÓN DIGITAL
 - POSICIONAMIENTO ELECTRÓNICO

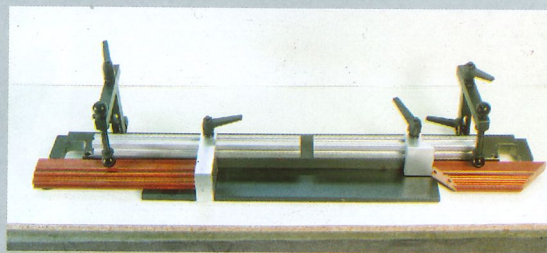
DETALLE GRUPO DE TALADRO

GROUP OF DRILL



MESA SUPLETORIA PARA PIEZAS PEQUEÑAS

DEVICE FOR THE SHORT PIECES

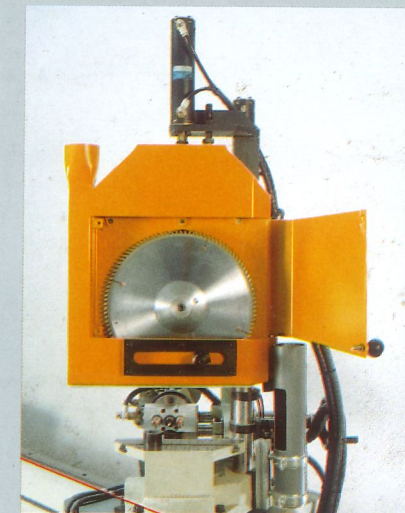


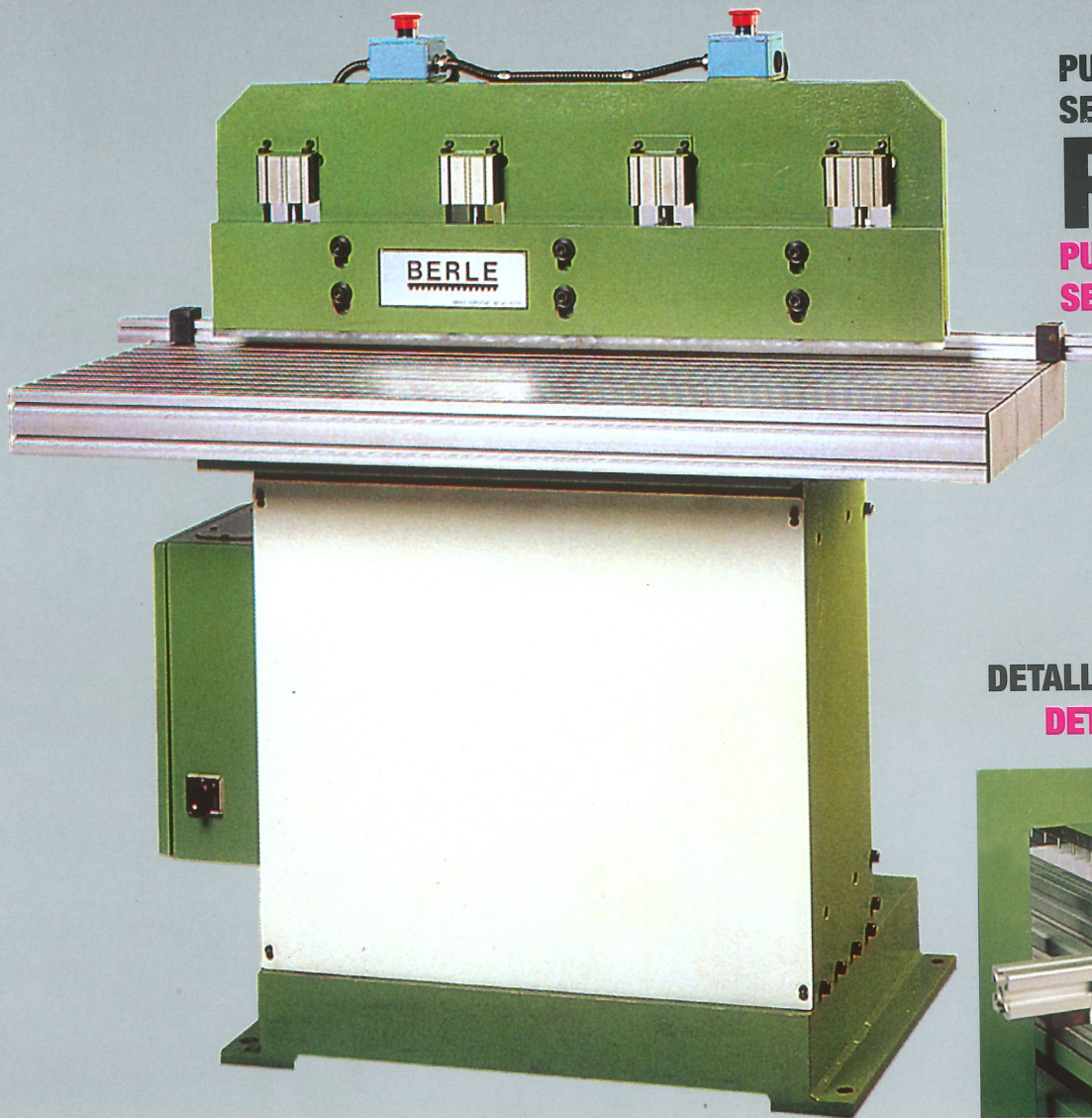
TECHNICAL SPECIFICATIONS

- PART-HOLDERS CLAMPS.
- MAXIMUM CUT AT 90°: 3,700 mm.
- MAXIMUM CUT AT 45°: 3,750 mm.
- MINIMUM CUT AT 90°: 250 mm.
- MINIMUM CUT AT 45°: 300 mm. (Width 60 mm.).
- MAXIMUM CUT HEIGHT: 90 mm. (Width 175 mm.).
- MAXIMUM WIDTH: 175x90 mm.
- MAXIMUM DIAMETER OF CIRCULAR SAW: Ø350 mm.
- DEVICE FOR SHORT PIECES:
 - MINIMUM CUT AT 90°: 50 mm.
 - MINIMUM CUT AT 45°: 50 mm.
- MECHANICAL DIGITAL VISUALIZATOR IN THE DRILL GROUP FOR THE HEIGHT AND WIDTH.
- DRILL DEPTH VISUALIZATOR WITH MILIMETRED MECHANICAL STOP.
- CART DISPLACEMENT WITH:
 - MANUAL WHEEL
 - DIGITAL VISUALIZATOR
 - ELECTRONIC-DIGITAL POSITIONER

DETALLE SIERRA DE CORTE

CIRCULAR SAW





**PUNZONADORA
SEMI-AUTOMÁTICA**

P-30

**PUNCHING-MACHINE
SEMI-AUTOMATIC**

**DETALLE HILERA PUNZONES
DETAIL OF PUNCHES**



**DIFERENTES SOPORTES PARA SUJETAR LAS BALDAS
SEVERAL SUPPORTS FOR SHELVES**



CARACTERÍSTICAS TÉCNICAS

- SISTEMA DE PUNZONADO HIDRÁULICO.
- 30 ORIFICIOS DE Ø3 mm.
- MOTOR 1,5 Kw.
- CONSUMO DE AIRE POR CICLO 0,1 L.
- DIÁMETRO DEL PUNZÓN 3 mm.
- HACE LA 1ª HILERA EN AUTOMÁTICO, LUEGO GIRAR EL TABLERO MANUALMENTE Y HACER LA 2ª HILERA.
- LARGURA MÁXIMA DE LA TABLA INDEFINIDA.
- ANCHURA MÁXIMA DE LA TABLA INDEFINIDA.
- GROSOR MÁXIMO DE LA TABLA 40 mm.

TECHNICAL SPECIFICATIONS

- **HIDRAULIC PUNCHING SYSTEM.**
- **30 HOLES AT ONE TIME Ø3.**
- **1.5 Kw. 3,000 R.P.M. ENGINE.**
- **AIR CONSUMPTION FOR CYCLE 0,1 L.**
- **DIAMETER OF PUNCHES 3 mm.**
- **IT MAKE FIRST ROW PUNCHING AUTOMATICALLY, LATER YOU MUST TURN THE BOARD BY HAND, PUSH THE BOTTOMS AND THEN THE SECOND ROW IS MADE AUTOMATICALLY.**
- **MAXIMUM LENGTH OF THE BOARD: WHATEVER ONE WANTS.**
- **MAXIMUM WIDTH OF THE BOARD: WHATEVER ONE WANTS.**
- **MAXIMUM THICKNESS: 40 mm.**

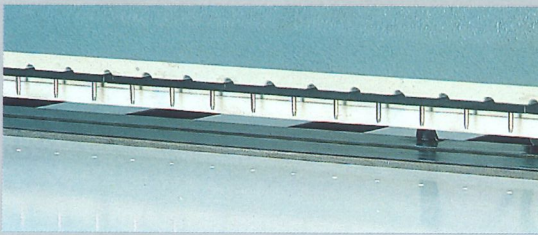
**PUNZONADORA
AUTOMÁTICA**

P-81

**PUNCHING-MACHINE
AUTOMATIC**



**DETALLE PUNZONES
DETAIL OF PUNCHES**



**DIFERENTES SOPORTES PARA SUJETAR LAS BALDAS
SEVERAL SUPPORTS FOR SHELVES**



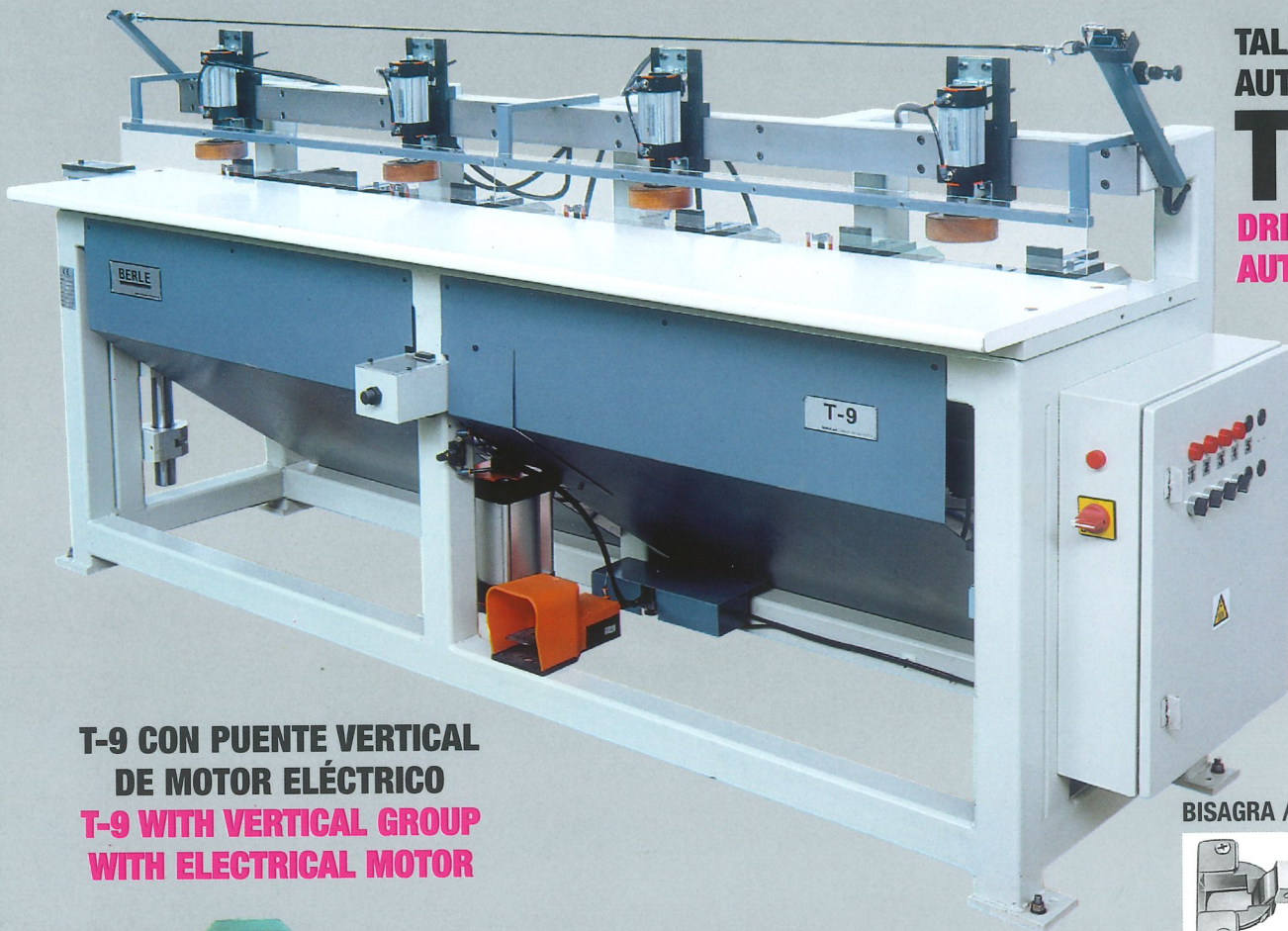
CARACTERÍSTICAS TÉCNICAS

- SISTEMA DE PUNZONADO HIDRÁULICO.
- 91 ORIFICIOS DE Ø3 mm.
- MOTOR DE 2,2 Kw.
- CONSUMO DE AIRE POR CICLO 1 L.
- DIÁMETRO DEL PUNZÓN 3 mm.
- HACE LAS 2 HILERAS DE PUNZONADO EN AUTOMÁTICO.
- LARGURA MÁXIMA DE LA TABLA 2.900 mm.
- ANCHURA MÁXIMA DE LA TABLA 700 mm.
- GROSOR MÁXIMO DE LA TABLA 40 mm.

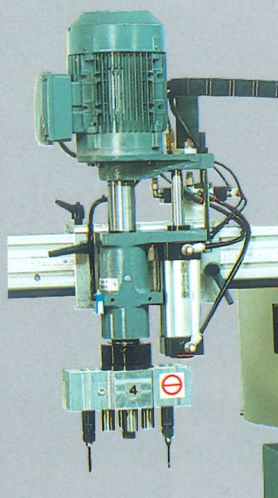
TECHNICAL SPECIFICATIONS

- **HIDRAULIC PUNCHING SYSTEM.**
- **91 HOLES AT ONE TIME OF Ø3 mm.**
- **2.2 Kw 3,000 R.P.M. MOTOR.**
- **AIR CONSUMPTION FOR CYCLE 1 L.**
- **DIAMETER OF PUNCHES 3 mm.**
- **BOTH PUNCHING ROWS ARE MADE AUTOMATICALLY.**
- **MAXIMUM LENGTH OF BOARD 2,900 mm.**
- **MAXIMUM WIDTH OF BOARD 700 mm.**
- **MAXIMUM HEIGHT OF BOARD 40 mm.**

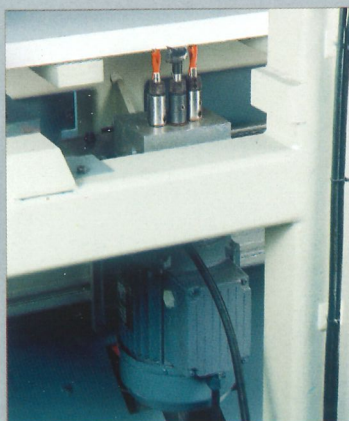
**TALADRO
AUTOMÁTICA
T-9
DRILLING-MACHINE
AUTOMATIC**



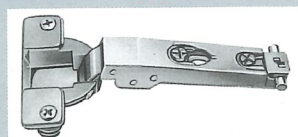
**T-9 CON PUENTE VERTICAL
DE MOTOR ELÉCTRICO
T-9 WITH VERTICAL GROUP
WITH ELECTRICAL MOTOR**



**GRUPO TALADRO
GROUP TO DRILL**



BISAGRA / HINGE



ORIFICIO DE BISAGRA



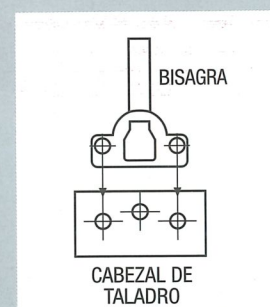
HOLE FOR THE HINGE

CARACTERÍSTICAS TÉCNICAS

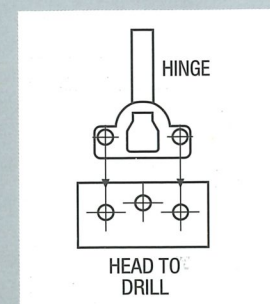
- DISTANCIA MÁXIMA ENTRE 1er. CABEZAL Y EL ÚLTIMO 2.500 mm.
- DISTANCIA MÍNIMA ENTRE 2 CABEZALES 180 mm.
- MOTOR 1,1 Kw./3.000 R.P.M. (por cabezal).
- REGULADOR DE AVANCE PARA TALADRO.
- ENGANCHE RÁPIDO DE BROCA.
- CABEZAL DE 3 PORTABROCAS.

TECHNICAL SPECIFICATIONS

- MAXIMUM DISTANCE BETWEEN HEAD CENTRES: 2,500 mm.
- MINIMUM DISTANCE BETWEEN HEAD CENTRES: 180 mm.
- 1.1 Kw./3,000 R.P.M. ENGINE.
- FEED REGULATOR TO DRILL.
- RAPID CONNECTION BIT.
- HEAD WITH 3 NON-TURNABLE DRILLBIT-HOLDER.



**DETALLE CABEZAL
3 PORTABROCAS**



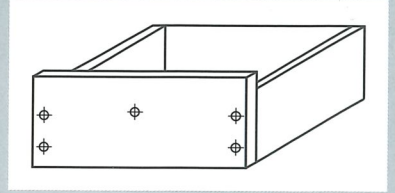
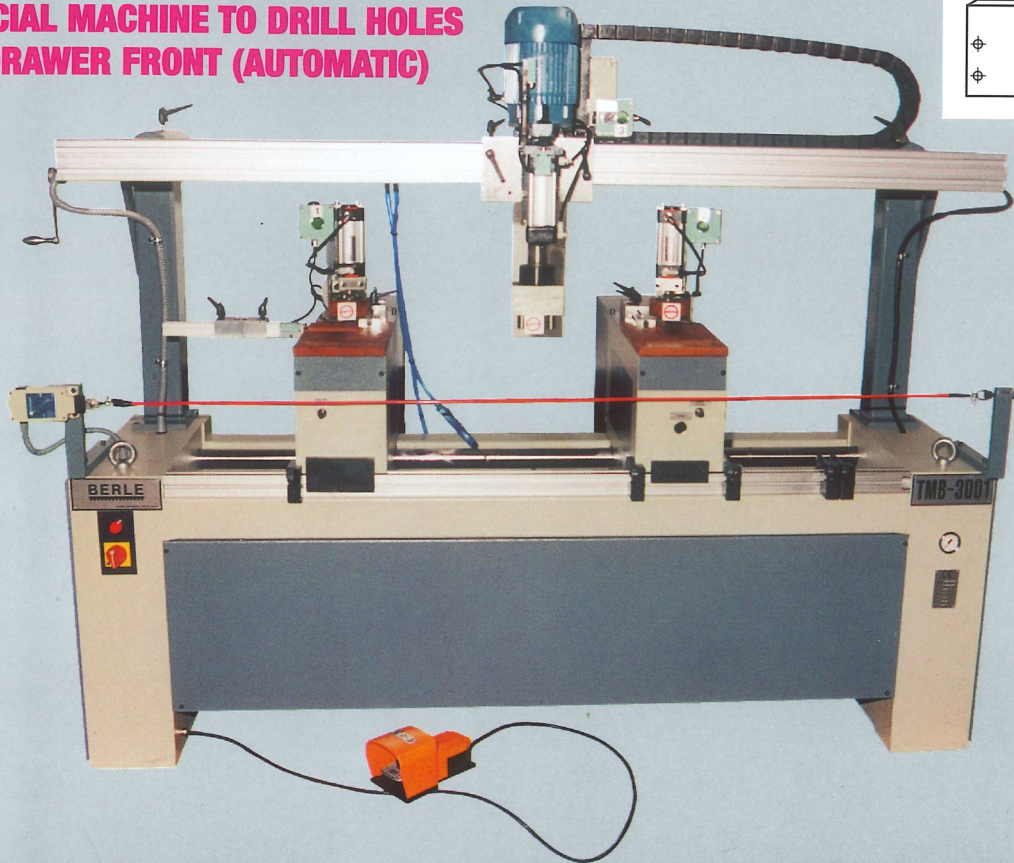
**HEAD WITH 3
DRILLBIT-HOLDERS**

MÁQUINAS ESPECIALES

SPECIAL MACHINES

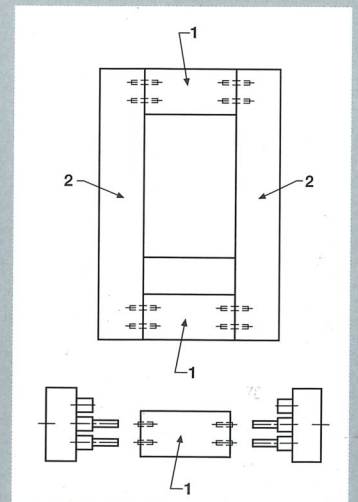
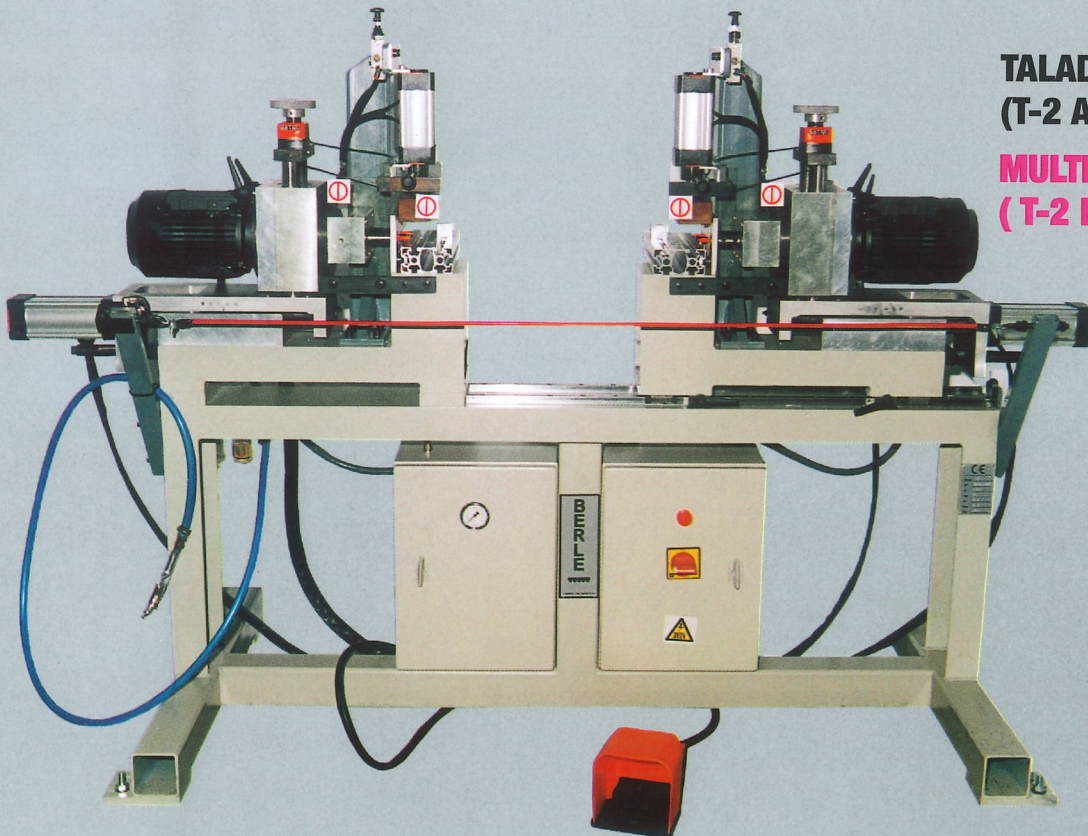
**MÁQUINA PARA TALADRAR
EL FRENTE DEL CAJÓN (AUTOMÁTICA)**

**SPECIAL MACHINE TO DRILL HOLES
OF DRAWER FRONT (AUTOMATIC)**

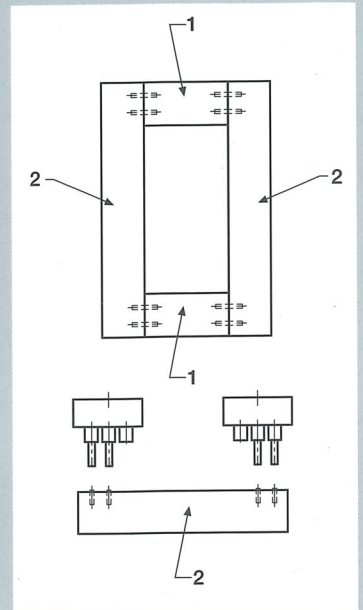
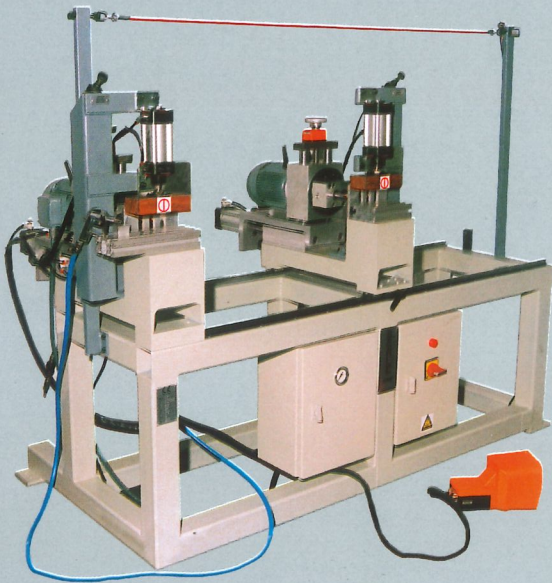


**TALADRO MÚLTIPLE LATERAL
(T-2 AUTOMÁTICA)**

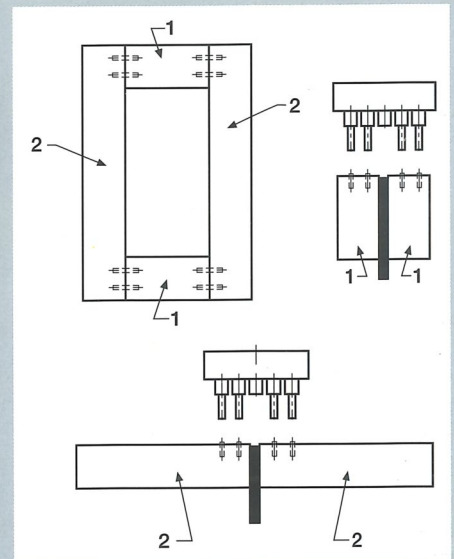
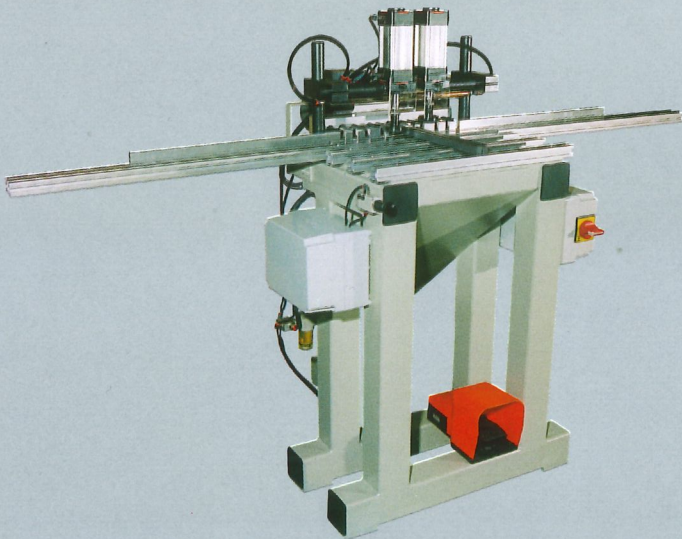
**MULTIPLE LATERAL DRILL
(T-2 MODEL AUTOMATIC)**



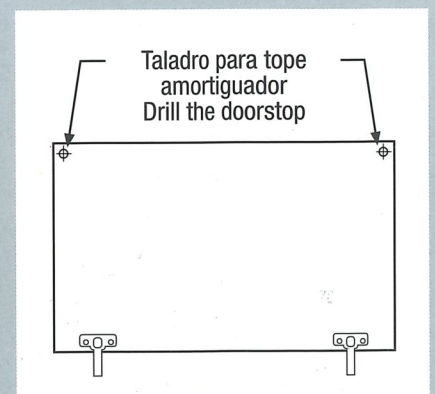
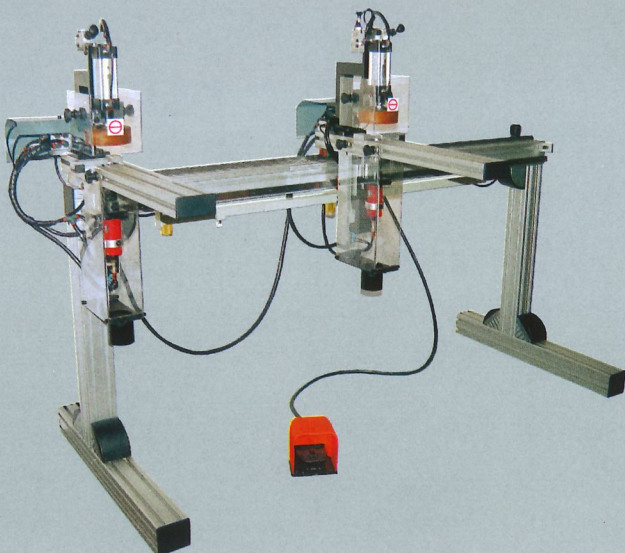
TALADRO MÚLTIPLE FRONTAL (T-2 AUTOMÁTICA)
MULTIPLE FRONTAL DRILL (FRONTAL T-2 MODEL AUTOMATIC)



TALADRO MÚLTIPLE (T-1 AUTOMÁTICA)
SPECIAL MACHINE TO DRILL (T-1 MODEL AUTOMATIC)

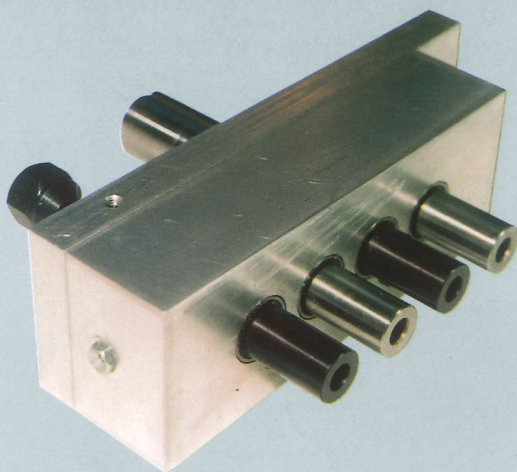


MÁQUINA PARA TALADRAR EL GOLPETE (AUTOMÁTICA)
SPECIAL MACHINE TO DRILL THE DOORSTOP (AUTOMATIC)

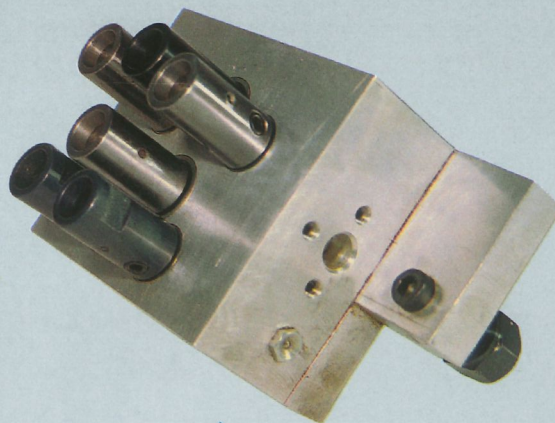


CABEZALES / HEADS

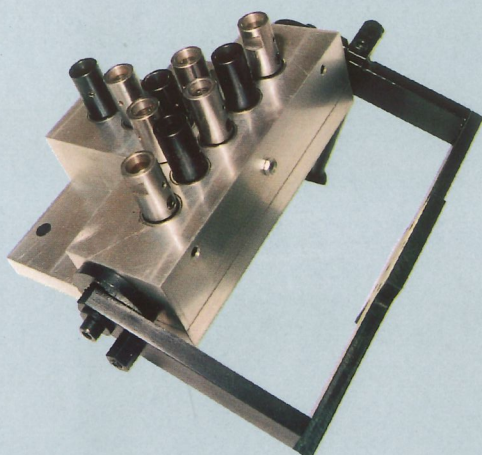
CABEZAL DE 4 PORTABROCAS
4 DRILLBIT-HOLDER HEAD



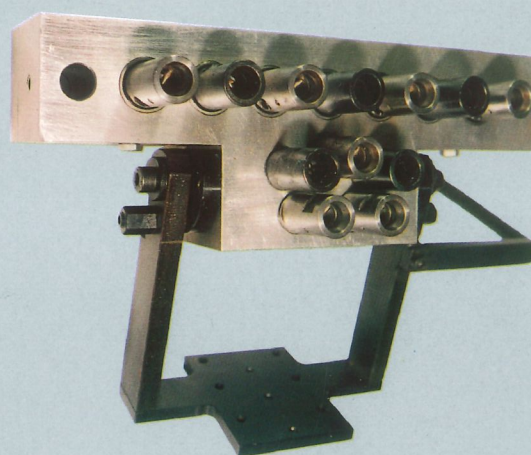
CABEZAL DE 6 PORTABROCAS
6 DRILLBIT-HOLDER HEAD



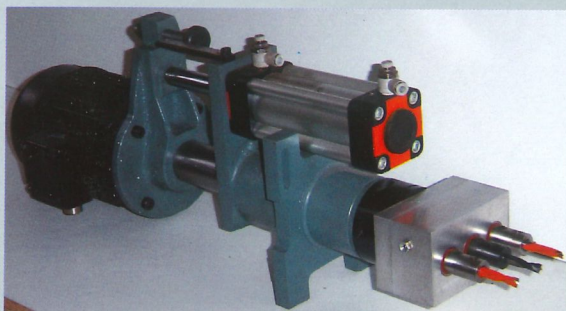
CABEZAL DE 10 PORTABROCAS
10 DRILLBIT-HOLDER HEAD



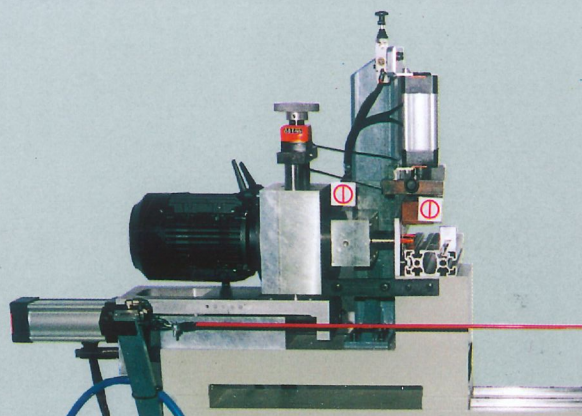
CABEZAL DE 12 PORTABROCAS
12 DRILLBIT-HOLDER HEAD



GRUPO DE TALADRO
GROUP OF DRILL

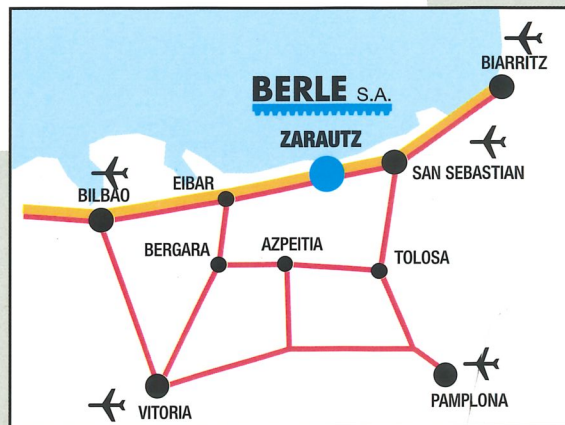
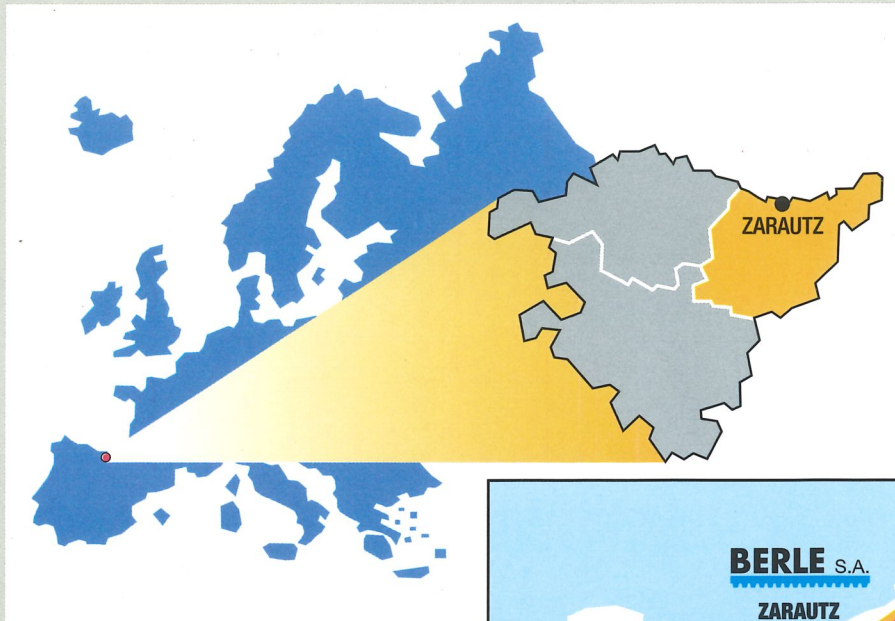


GRUPO DE TALADRO COMPLETO
GROUP OF COMPLET DRILL



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