



NEOTECMAN

HV205.32

BRASS HOT FORGING PROCESS

HYDRAULIC PRESS / PRENSA HIDRAULICA

- No flash
- Sin rebaba

FURNACE / HORNO

- Compact system
 - Saves space
 - Intergrated in the process
 - No direct flame
 - Adjustable billet (during production)
 - Progressive heating
- Sistema compacto
 - Ahorro espacio
 - Integrado en el proceso
 - Sin llama directa
 - Taco ajustable (durante el proceso)
 - Calentamiento progresivo



TOUCH SCREEN / PANTALLA TACTIL

- Functional configuration
- Configuración funcional

PUNCH MOVEMENTS CONTROL / CONTROL DEL MOVIMIENTO DEL PUNZON

- Adjustable features (during production)
 - Speed (in&out)
 - Time (in&out)
 - Main pressure
- Características ajustables (durante la producción)
 - Velocidad (entrada y salida)
 - Tiempo (entrada y salida)
 - Presión principal

CUTTING SYSTEM / SISTEMA DE CORTE

- No shavings
 - Compact cutting
 - Adjustable billet cutting (during production)
- Sin virutas
 - Sistema integrado
 - Posibilidad de ajustar el taco (durante la producción)

1 BRASS
LATON

2 ALUMINIUM
ALUMINIO

3 COPPER
COBRE



MINIMUM 12 mm MAXIMUM 32 mm



in

C/ PUJOLS, PARCEL·LA B-27 POL. IND. CELRA - 17460 CELRA - GIRONA - SPAIN

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TECHNICAL SPECIFICATIONS ESPECIFICACIONES TECNICAS

HV205.32



DESCRIPTION AND BENEFITS DESCRIPCION Y BENEFICIOS

Fully automated and compact process: furnace + cutting system (shavings-free) + hydraulic press with no flash, 5 independent punches (4 horizontal + 1 vertical)

BAR RANGE / BARRAS

From \varnothing 12 mm to \varnothing 32 mm and up to 4 m (length).

ELECTRICAL SYSTEM SISTEMA ELECTRICO

Voltage	3 ~ 400 V 50 Hz 3 ~ 460 V 60 Hz
Max. power supply	95 kW
Hardware	21" touch-screen, EMBEDDED industrial PC, PLC control

PRODUCTION CAPACITY CAPACIDAD DE PRODUCCION

Production	Up to 4.000 items/hour
Bar diameter	From 12 to 32 mm
Bar length capacity	Up to 4.000 mm
Minimum weight	15 g/piece
Maximum weight	1.200 g/piece
Bar length	Up to 200 mm

HYDRAULIC SYSTEM SISTEMA HIDRAULICO

Ram closing force	100 t
Main motor power	75 kW
Max. operating pressure	280 bar
Hydraulic tank capacity	650 L
Graphite oil tank capacity	50 L

PARTS THAT CAN BE PRODUCED PIEZAS QUE SE PUEDEN PRODUCIR

From 1 to 4 pieces/cycle. Bushings, nuts, hose unions, sockets (f/m), female caps, reducing nipples, plugs, short pipes, end pipes, propeller nuts...

MATERIALS / MATERIALES

Brass, lead-free brass, copper, red brass, and aluminum.

FURNACE CAPACITY CAPACIDAD DE HORNO

Energy source	Propane gas Methane gas Natural gas
Max. installed capacity	200.000 kcal/h
Consumption	From 50.000 to 200.000 kcal/h
Operating pressure	40 mbar
Max. capacity	700 kg/h at 700°C

WEIGHT AND DIMENSIONS PESOS Y DIMENSIONES

Empty weight	15.700 kg
Total height	3.755 mm
Total height with candle filter	4.155 mm
Total length	6.372 mm
Total width	3.240 mm
Total width with loader	4.217 mm

NOTE: specifications according to EC standards



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