



# NEOTECMAN

# HV270.65

## BRASS HOT FORGING PROCESS

### HYDRAULIC PRESS / PRESSA IDRAULICA

- No flash
- Senza bavè

### TOUCH SCREEN / PANNELLO TOUCH

- Functional configuration
- Configurazione funzionale

### FURNACE / FORNO

- Compact system
- Risparmio di Spazio
- Saves space
- Integrato nel processo
- Intergrated in the process
- No direct flame
- Senza fiamma diretta
- Adjustable billet (during production)
- Tassello (billetta) regolabile (durante il processo)
- Progressive heating
- Riscaldamento progressivo



### PUNCH MOVEMENTS CONTROL / CONTROLLO DEL MOVIMENTO DELLE SPINE

- Adjustable features (during production)
- Caratteristiche modificabili (durante la produzione)
- Speed (in&out)
- Velocità (di ingresso ed uscita)
- Time (in&out)
- Tempo (ingresso ed uscita)
- Main pressure
- Pressione principale

### CUTTING SYSTEM / SISTEMA DI TAGLIO

- No shavings
- Senza trucioli
- Compact cutting
- Sistema integrato
- Adjustable billet cutting (during production)
- Possibilità di regolare l'altezza della billetta/tassello (durante la produzione)

### BAR STORAGE / MAGAZZINO BARRE

- Bar capacity: up to 2 tonnes
- Capacità di carico barre fino a 2 tonnellate

1 BRASS  
OTTONE

2 ALUMINIUM  
ALLUMINIO

3 COPPER  
RAME



MINIMUM 12 mm



MAXIMUM 65 mm



in

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

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## TECHNICAL SPECIFICATIONS

### SPECIFICHE TECNICHE

# HV270.65



## DESCRIPTION AND BENEFITS DESCRIZIONE E VANTAGGI

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

## BAR RANGE / BARRE

From  $\varnothing$  12 mm to  $\varnothing$  65 mm and up to 4 m (length).

## ELECTRICAL SYSTEM SISTEMA ELETTRICO

Voltage	3 ~ 400 V 50 Hz 3 ~ 460 V 60 Hz
Max. power supply	200 kW
Hardware	21" touch-screen, EMBEDDED industrial PC, PLC control

## PRODUCTION CAPACITY CAPACITÀ PRODUTTIVA

Production	Up to 3.800 items/hour
Bar diameter	From 12 to 65 mm
Bar length capacity	Up to 4.000 mm
Minimum weight	15 g/piece
Maximum weight	3.000 g/piece
Bar length	200 mm

## HYDRAULIC SYSTEM SISTEMA IDRAULICO

Ram closing force	350 t
Main motor power	2x90 + 1x7,5 + 1x4 kW
Max. operating pressure	280 bar
Hydraulic tank capacity	1.850 L
Graphite oil tank capacity	50 L

## PARTS THAT CAN BE PRODUCED PEZZI CHE POSSONO ESSERE PRODOTTI

Ball valves, tees, elbows, taps...  
From 1 to 4 pieces/cycle

## MATERIALS / MATERIALI

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

## FURNACE CAPACITY CAPACITÀ DEL FORNO

Energy source	Propane gas Methane gas Natural gas
Max. installed capacity	325.000 kcal/h
Consumption	From 50.000 to 325.000 kcal/h
Operating pressure	40 mbar
Max. capacity	From 1.000 kg/h at 700°C

## WEIGHT AND DIMENSIONS PESI E DIMENSIONI

Empty weight	37.600 kg
Total height	3.535 mm
Total height with candle filter	No filter
Total length	7.930 mm
Total width	4.053 mm
Total width with loader	5.350 mm

NOTE: specifications according to EC standards



in   

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