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ALPMAC CNC B220-4100 // GREEN ECO (1125-8308164)

Control type
CNC

Machine no.
1125-8308164

Make
ALPMAC

Location
49779 Niederlangen

ALPMAC Manufacturer Video:
https://www.youtube.com/watch?v=_FxXyPAcxlE
https://www.youtube.com/watch?v=YfkX9RwWv_0

ALPMAC Product Video Model B:
https://www.youtube.com/watch?v=lmT1tfy43WE

MODEL SERIES B175-3100 - CNC electro-hydraulic press brake with:
* increased installation height
* increased cylinder stroke
* increased throat depth

! MADE FROM CERTIFIED QUALITY STEEL (ST 37-42-52)
! HIGH-PERFORMANCE HYDRAULIC COMPONENTS (HAWE GERMANY)

! HIGH RUNNING QUIET DUE TO LOWER OPERATING PRESSURE (50-60 dB)
! INDUCTION-HARDENED & CHROME-PLATED CYLINDER PISTONS FOR CONTINUOUS USE
! ALUMINUM CAST REAR STOP COMPONENTS
! REAR STOP WITH POWERFUL DRIVE MOTOR (1.0 kW)
! MACHINE TABLE MADE OF ROBUST & DURABLE STEEL (C45)

GREEN ECO Technology: Lower consumption. More quiet. Full control.
! Peak performance with minimal energy consumption
! Maximum power at minimal cost
! Maximum performance when it's really needed
! Main motor is only activated by the foot pedal
! No energy wasted in standby mode
! Controlled start-up process

Equipment:
- CNC electro-hydraulic press brake
- DELEM CNC control model DA-66T- graphics/touchscreen
* 2D graphic touchscreen programming operation
* 3D display in simulation and production
* 17" high-resolution color TFT screen
* Bending sequence calculation
* Product programming and display in actual size
* USB interface
- CNC controlled axes: Y1 - Y2 - X - R - Z1 and Z2, as well as CNC crowning
- CNC electro-motorized backgauge (X-axis)
* on ball screws
* Travel: max. 750 mm
* X-axis travel speed: 350 mm/s
* with 2x CNC-controlled backgauge fingers
- CNC electro-motorized height adjustment (R-axis)
* Travel: max. 250 mm
* R-axis travel speed: 300 mm/s
- CNC electro-motorized table crowning
- ROLLERI Rehfuß upper tool "PS 135.85-R08", System "A"
* including quick-change clamping
* including crowning device in the tool holder
- ROLLERI split universal die block "M 460 R"
* including 1x die shoe "C 1050-R"

- Rear safety device: light barrier
- HAWE hydraulic components
- FIESSLER AKAS laser safety device in front of the machine (incl. FPSC)
- 2x front support arms with sliding system
* easily and keylessly height-adjustable
- FIESSLER freely movable double foot control
- CE marking / Declaration of Conformity

Machine attributes

pressure:	220 t
chamfer lenght:	4100 mm
distance between columns:	3600 mm
column arm:	410 mm
ram stroke speed:	150 mm/sec
work speed:	10.0 mm/sec
return speed:	140 mm/sec
work stroke:	265 mm
dayligth:	480 mm
table height:	900 mm
table width:	110 mm
oil volume:	300 ltr.
voltage:	400 Volt
total power requirement:	18.5 kW
weight:	15000 kg
range L-W-H:	5000 x 2400 x 2850 mm

Machine images

HEINZ SANDERS
MASCHINEN
WERKZEUGE
SCHWEISSTECHNIK

Maschinen

www.heinz-sanders.de

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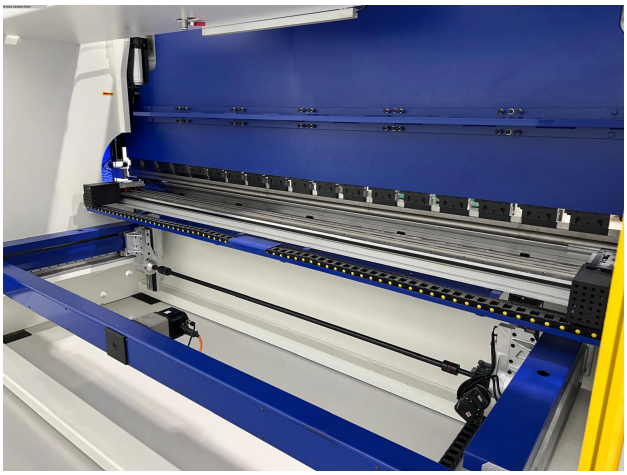
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