

## ALPMAC B 220-4100 // 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=\\_FxYpAcxIE](https://www.youtube.com/watch?v=_FxYpAcxIE)

[https://www.youtube.com/watch?v=YfkX9RwWv\\_0](https://www.youtube.com/watch?v=YfkX9RwWv_0)

ALPMAC Product Video Model B:

<https://www.youtube.com/watch?v=ImT1tfy43WE>

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
daylighth:	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