

# Hydraulic press brake type APHE

Best  
Quality

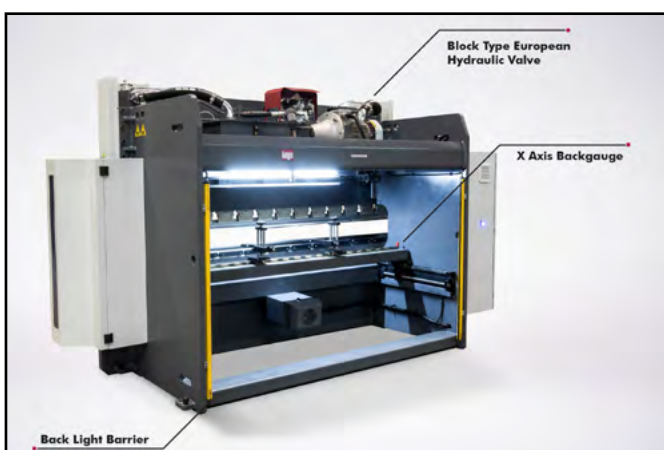


A solid welded construction ensures a minimum of deflection under load. Ram travel fully supported in low friction Pertinax slideways, which are easily adjustable. APHE is equipped with patented hydro-mechanical system for exact parallelism and high repeatability. All machines are made with very solid torsionbar linkage for ram leveling.

Ram stroke control by precision mechanical stops built into each cylinder, and is electrically adjustable on a digital display, showing the position.

APHE also has an independent position control of each cylinder, for precise angle adjustment and conical bending. APHE is performed with high stroke and opening, which ensures the possibility of many different tools. The machines are equipped with pressure switch and gauge to regulate bending tonnage easily, thereby avoiding overbending due to bottoming of tools. Hydraulic overload protection.

Preset two-speed bending cycle with "rapid traverse -> slow bending -> quick return." APHE are standard with 3-function footswitch and compact hydraulics with minimum maintenance. The machines are supplied exclusively with European hydraulics and electrical components.



CybTouch 12PS

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## Standard:

- CybeleC Cybtouch 12PS control
- Tool holder with wedge adjustment
- Standard tool: double cranked upper tooling and multi V-die
- Front operated 650mm ballscrew backgauge with digital read out control
- precision 0,1mm and 2 finger stops with micro-adjustable height
  - Digital stroke position display
  - Foot switch
  - Pendant control unit
- 2 laterally adjustable front support arms
- Hand screw clamps and chains to align and secure bottom die

## Optional:

- ESA 640 cnc control 3-axis
- Delam DA-53T cnc control 3-axis
  - R-axis =160mm
  - Special tools
  - Top tools quick release clamps
  - Crowning tables ( Manual or motorised
  - Special control console for two-hand and foot pedal operation
  - AKAS II-LC FMSC PLC



Quick release clamps



Front support arms



Tool top / bottom

Art. no.	Type	Kap.	Working length	Stroke	Daylight	Gap	Dist. btw. frames	Oil tank	Speed	Rapid traverse	Motor	Weight
	APHE	Ton	mm	mm	mm	mm	mm	L	mm/s	mm/s	kW	kg
23210	31120	120	3100	180	375	255	2550	140	10	160	11	5500
23212	31160	160	3100	180	375	255	2550	140	10	160	15	6400
23214	31200	200	3100	210	445	255	2550	140	10	150	18,5	7800