

Servo-electric press brake type APES

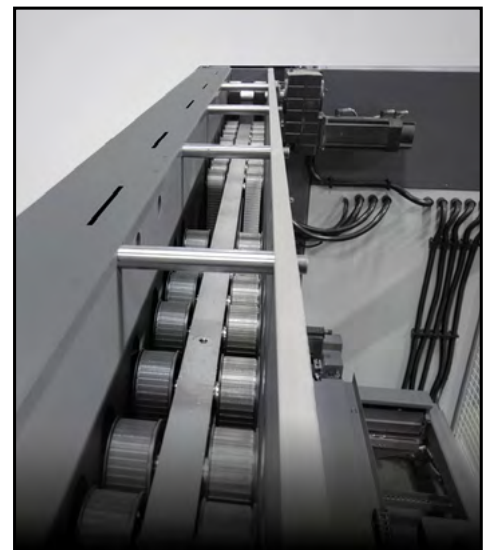
Best
Quality



APES is a 100% electrically driven press brake, which offers both sustainability and manufacturing efficiency. It is user-friendly and modular with a variety of configurations, capable of meeting any production need. The servo-electric press brake offers you versatility and lower power consumption, less maintenance and no need of hydraulic oil.

Features for APES:

- User-friendly touch screen with ESA or DELEM control.
- Sustainability.
- 50% lower consumption compared to hydraulic press brakes.
- Fiessler safety system.
- 30% shorter cycle times on average.
- Quick change tooling system.
- Intuitive touch screen
- Rigid O-frame construction
- High repeating accuracy.
- Absence of thermal influence of hydraulic oil.
- Less CO2 emission.
- AC servo motors on four axles drive this double-pulley system
- Even distribution of tonnage entire bed length; no crowning needed
- No throat depth obstacle.
- Ready for robotic applications.
- Ready for Industry 4.0
- Front and rear safeguarding.



Double-pulley system

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Standard equipment:

- ESA S675 21" 2D control
 - X R backgauge
- Mechanical crowning
- Promecam clamping
- 2 pcs. front support arms
 - Foot pedal

X-axis 750 mm / precision = 0,03 / speed 350 mm/sec.

R-axis 160 mm / precision = 0,05 / speed 240 mm/sec.

Optional equipment:

- Delem DA 66T/69T or ESA S675 21" 3D touch
 - Software
- AKAS or Fiessler safety system
- X-R-Z1-Z2 with servomotors X=750 mm R=150 mm
 - X+R+Z1+Z2+X5 - X=750 mm R=150 mm
- X1-R1-Z1 & X2-R2-Z2 - tower type with servo motors
 - Extra fingers
 - Tools
 - CNC crowning
 - Front arms with brushes
 - Central lubrication
 - Wila tooling
 - Clamping system



Front arms with brushes



CNC crowning



Type	Cap.	Working length	Stroke	Daylight opening	Table width	Side frame width	Bed height	Speed	Return speed	Motor	Weight
APES SERVO	Ton	mm	mm	mm	mm	mm	mm	mm/s	mm/s	kW	kg
15040	40	1530	300(240*)	590(505*)	60	1790	930(1015*)	10/20	170	2x5,5	4800
20050	50	2040	300(240*)	590(505*)	60	2300	930(1015*)	10/20	150	2x5,5	5600
26080	80	2550	300(240*)	590(505*)	60	2810	930(1015*)	10/20	90	2x5,5	6400
31100	100	3050	300(240*)	590(505*)	60	3350	930(1015*)	10/20	75	2x5,5	7200

*With Promecam clamping combination