

Premium Series APES - Servo

Ready for the future with BAYKAL 100% Servo Electric Press Brakes



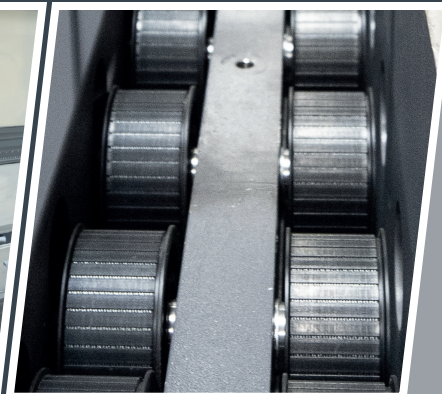
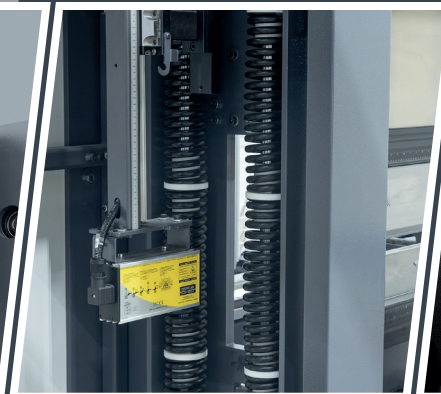
+
Up to
100
Tons

+
Up to
3100
mm

+
50%
Energy
Save

+
0%
Oil

+
Silent
Working





TECHNICAL DATA

MODEL (APES SERVO)	APES SERVO 15040	APES SERVO 20050	APES SERVO 26080	APES SERVO 31100
Bending Length :	1530 mm	2040 mm	2550 mm	3050 mm
Inside Frames :	1790 mm	2300 mm	2810 mm	3350 mm
Bending Force :	40 Tons	50 Tons	80 Tons	100 Tons
Daylight Opening :	590 mm	590 mm	590 mm	590 mm
Max. Stroke Adjustment :	300 mm	300 mm	300 mm	300 mm
Motor Output (Power) :	11 kW	11 kW	11 kW	11 kW
Side Frame Width :	1850 mm	1850 mm	1850 mm	1850 mm
Bed Height :	930 mm	930 mm	930 mm	930 mm
Machine Height :	2525 mm	2525 mm	2525 mm	2525 mm
Table Width :	60 mm	60 mm	60 mm	60 mm
Throat Gap :	0 Frame	0 Frame	0 Frame	0 Frame
Approach Speed :	170 mm/s	150 mm/s	90 mm/s	75 mm/s
Bending Speed :	10/20** mm/s	10/20** mm/s	10/20** mm/s	10/20** mm/s
Return Speed :	170 mm/s	150 mm/s	90 mm/s	75 mm/s

Legal Notice: Machines built with CE-safety conformity are available as option.
Design and specifications are subject to change without notice.

** Accordance with local regulations, except for Robotic use.



Standard Equipment	
Control Unit	: Esa 675W 21" Multitouch Screen CNC Controller
Software Specifications	: Interactive 2D graphic editor for workpieces and tools data entry
Crowning	: CNC Crowning (Standard on APES SERVO 31100 & 26080)
Backgauge	: X+R Axis Backgauge (Driven by Servo Motors and Drives)
Backgauge Range	: X = 750 mm / R= 160 mm
Backgauge Fingers	: 2 Pieces Flat Backgauge Fingers
Front Arms	: 2 Pieces Front Arms with Brushes on Linear Guide
Clamping	: Promecam Tool Clamping System
Security	: Electrically-interlocked Side and Back Guards

Optional Equipment	
Backgauge Options	: X + R + Z1 + Z2 AXIS
	: X + R + X5 + Z1 + Z2 AXIS
	: X1 + X2 + R1 / R2 + Z1 + Z2 AXIS
Front Laser Protection	: AKAS II-LC-FMSC PLC
Crowning Options	: CNC Crowning (Optional on APES SERVO 15040 - 20050)
	: Manual Crowning (Optional on APES SERVO 15040 - 20050)
Control Unit Options	: Delem DA-66T 17" Multitouch Screen CNC Controller
	: Delem DA-69T 17" Multitouch Screen CNC Controller
Clamping Options	: Wila Hydraulic Clamping
	: Pneumatic Hydraulic Clamping
	: Quick Release Clamping

