



Absolute CNC Bending Machine



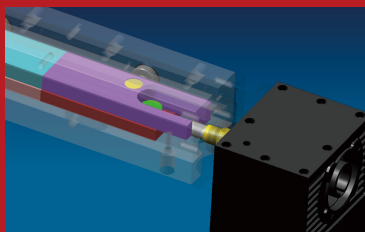
ABSOLUTE

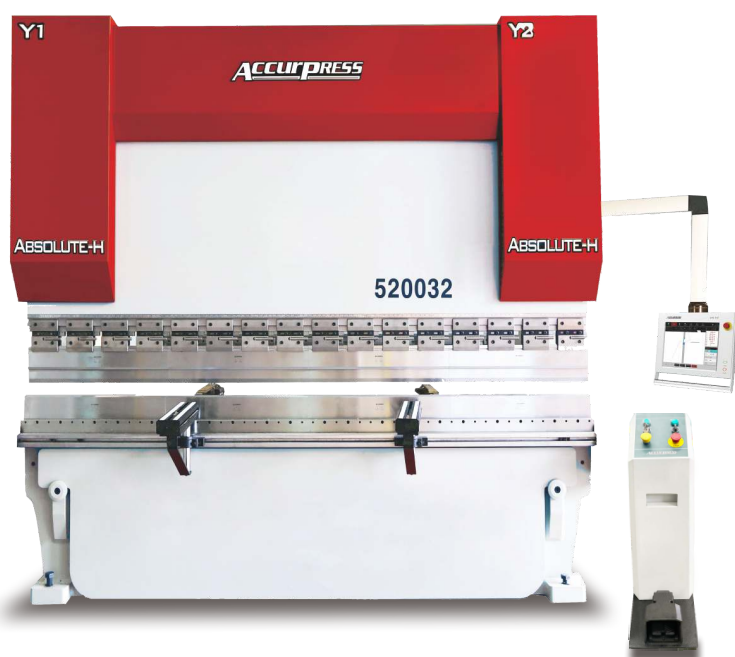


Absolute is a classical series of Accurpress Products' family. This series is reliable, durable and affordable, so it's very welcomed by the market. It's ranged from 40 tonnage/1.5 meter to 1000 tonnage/12 meter, and can be equipped with very rich options to enhance the functions. SVP Hybrid systems are adopted on the usual machines. Comparing with the traditional motor+pumping technology, SVP brings many benefits like energy conservation, lower oil temperature and noise reduction.

Mechanical Deflection Compensation

The first class Accucrown® be equipped with each machine as standard, which be featured high accuracy and wide range compensation.

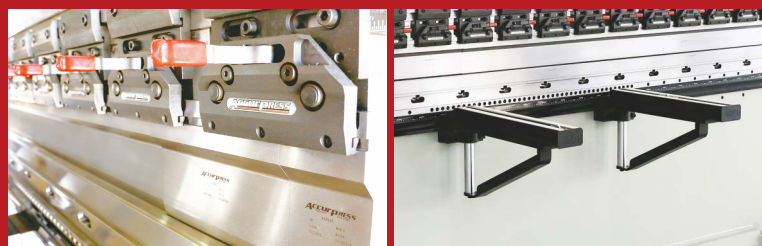




SVP is a kind of servo controlled variable pumping technology. The oil pump output can be adjusted according to the actual bending condition, in the standby and ram fast approaching stage, the power output is almost zero. In the bending process, the torque output can be controlled according to the pressure curve, so it brings the energy saving effect up to 50% and the advantages of low heat, noise reduction and the improvement of machine stability as well.

Standard Tooling & Front Arms

- Patented quick clamps for upper tools are as standard for models below 250T.
- One pair of standard tool is as standard for each machine.
- One pair of front arms are equipped with each machine.



Premium Gauging System

Accurpress backgauge holds several patents and provides quick positioning speed and high accuracy.



Standard Backgauge



Floor Type Backgauge

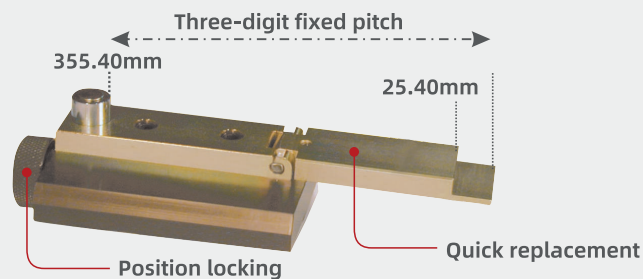


Normal Floor Type Backgauge



Heavy-Duty Floor Type Backgauge

Premium Fingers

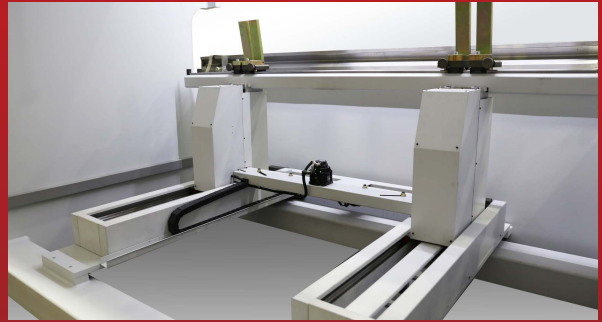


Heavy-duty type





Steel Beam Floor Type Backgauge

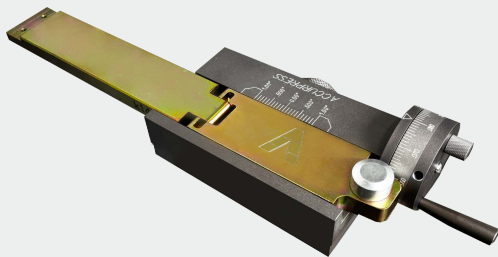


Heavy-Duty Floor Type Backgauge



Super Heavy-Duty Floor Type Backgauge

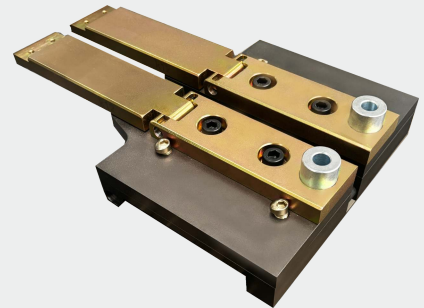
X-prime adjustable fingers



Optional Power X-Prime
+50mm adjustment



Optional Power Z



OPTIONAL ACCESSORIES

Sheet Supporting Arm



Steel balls and slide rail are as options for front arms.

Laser safe curtain

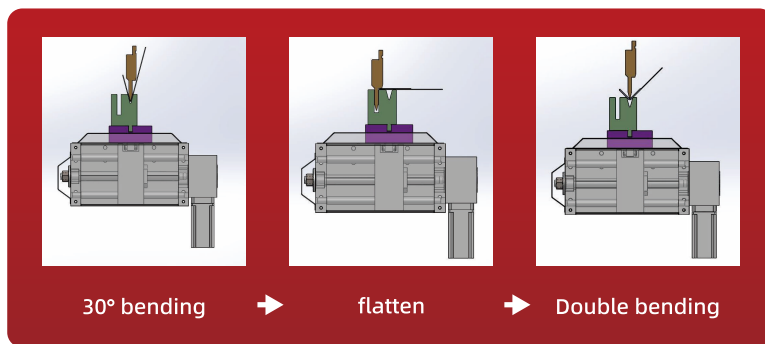


Joy Stick-fingers





Automatic Die Changing Holder



This dual axes controlled changing holder can not only make the different V-die change quickly, but also especially match the application like Hemming and the Bending after Hemming.

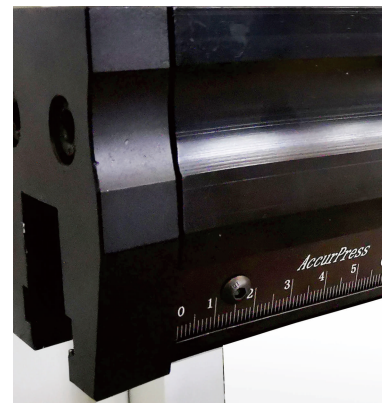


Hydraulic Clamping

Accurpress can provide both Wila and Accurpress Hydraulic Quick Clamping Systems to the customers.



Wila



Accurpress

OPTIONAL ACCESSORIES

Accurpress CNC Sheet Follower

This first-class CNC sheet follower is developed by Accurpress, which can offer the wider table and heavier load on the application of big parts bending. It is driven by servo-motor under CNC, which is actually an independent axis, so that can let its movement match with the bending movement completely.



Single Axis Light-Duty Type



Single Axis Type



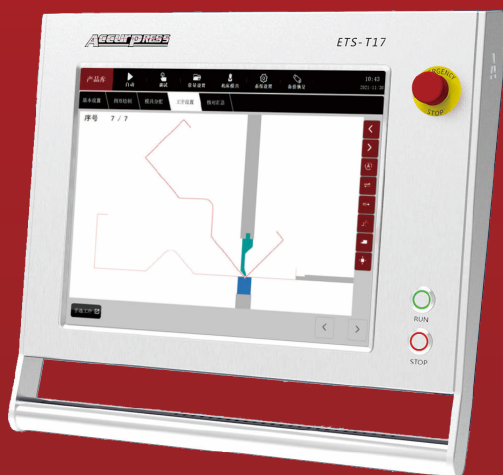
Dual Axes Heavy-Duty Type



Sheet Follower Cell

ETS-T17 CNC

- The new Accurpress ETS-T17 is developed based on the LINUX system and adopts a graphical touch screen interactive multi window user interface, providing the simplest CNC programming.
- ETS-T17 provides an advanced and complete 2D graphic control solution for bending machines, using a 17 inch high-resolution color TFT large screen. Various functions can be directly presented through multiple windows, making it convenient for operators to quickly access the user interface.
- Because all axis positions are automatically calculated and the bending sequence is simulated in actual proportion, the part program can be easily generated.
- ETS-T17 provides 2D programming, including automatic bending sequence calculation and collision detection.
- ETS-T17 helps operators simulate the bending process of products in a graphical way, guiding them during the operation and making their work simple and easy to learn.



Standard Features

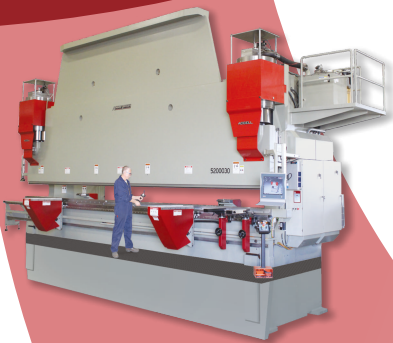
- 17" high-resolution colour TFT
- Infrared touch screen
- LINUX operate system, Stable and reliable
- Create and edit tooling library in 2D graphics mode
- 2D graphic programming
- Automatic bending sequence, bending simulation, and workpiece collision detection
- Automatically expand size calculation
- Pressure proportional valve control
- Advanced Y-axis algorithm, applicable to both open-loop and closed-loop hydraulic circuits
- External mouse or keyboard
- 4+1 axis control
- Tandem option and Arc bending

Option Features

- 6+1 axis control; 8+1 axis control
- Sheet follower (single axis/dual axis/four axis)
- Robot bending
- 2D CAD DXF import
- Offline software
- Scanning function and scanning gun
- Support interconnection with MES management system

Solutions For Heavy-duty Forming

High Tonnage Machine
1000T×12M



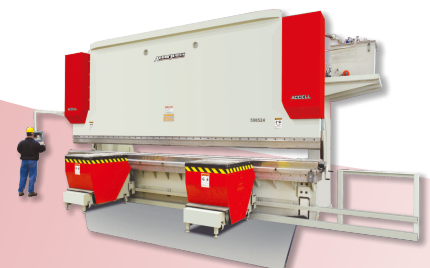
High Tonnage Machine
2000T×9M



High Tonnage Machine
2000T×7.3M



High Tonnage Machine
2500T×4.8M



High Tonnage Machine
985T×7.3M

Please contact with Accurpress experts for more information.



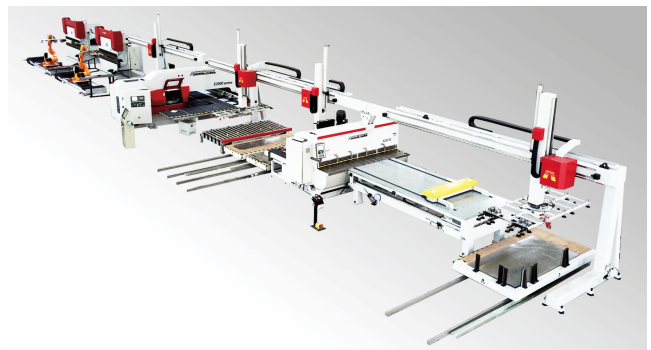
AUTOMATION

Accurpress has been devoting to research and manufacturing of sheet metal equipment for long term. We are doing effort to provide our customers the affordable and high performance automation equipment and the whole solution additionally. As one of the earliest company which enters into the sheet metal automation area, Accurpress has already delivered many hundreds of automation units or FMS line to Chinese customers, which are widely spread on the industry like Elevator, Door, Electric Power, Kitchen Appliance, Cabinet, Construction Material and Mechanical fabrication etc.

Bending Automation Unit



Shearing-Punching-Bending Automation FMS



Punching & Bending Automation Line





ACCURPRESS ABSOLUTE

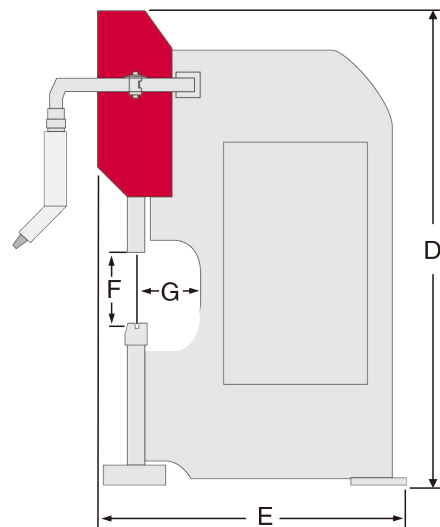
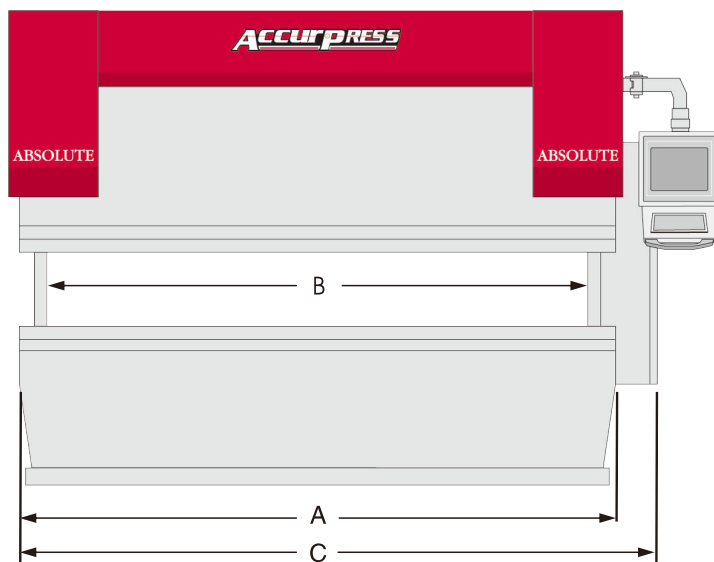
		A	B				C	D	E		F		G					
MODEL NUMBER	FORCE (TONNES)	LENGTH OF BED (mm)	DISTANCE BETWEEN FRAMES (mm)	BED HEIGHT (mm)	BED CAP WIDTH (mm)	BED DEPTH BELOW FLOOR (mm)	OVERALL DIMENSIONS(mm)			RAM STROKE (mm)	RAM OPEN HEIGHT (mm)	RAM CLOSED HEIGHT (mm)	THROAT DEPTH (mm)	RAM TRAVEL SPEEDS(mm/s)			MAIN MOTOR (Kw)	SHIPPING WEIGHT (Kg)
							OVERALL LENGTH (mm)	OVERALL HEIGHT (mm)	OVERALL WIDTH (mm)					FAST APPROACH (mm/s)	SLOW BEND (mm/s)	FAST RETURN (mm/s)		
504015	40	1500	1260	865	90-140	N/A	2500	2460	1450	200	460	260	320	180	15	170	4.0	3,450
504020	40	2000	1700	865	90-140	N/A	3000	2460	1450	200	460	260	320	180	15	170	4.0	3,750
506315	63	1500	1250	865	90-150	N/A	2500	2480	1500	200	460	260	320	180	15	170	5.5	4,000
506320	63	2000	1700	865	90-150	N/A	3000	2480	1500	200	460	260	320	180	15	170	5.5	4,350
506325	63	2500	2100	865	90-150	N/A	3500	2480	1500	200	460	260	320	180	15	170	5.5	4,900
510020	100	2000	1700	865	90-180	N/A	3000	2710	1755	250	470	220	460	180	13	170	7.5	7,000
510025	100	2500	2100	865	90-180	N/A	3500	2710	1755	250	470	220	460	180	13	170	7.5	7,800
510032	100	3200	2700	865	90-180	N/A	4200	2710	1755	250	470	220	460	180	13	170	7.5	8,500
510040	100	4000	3300	865	90-180	N/A	5000	2710	1755	250	470	220	460	180	13	170	7.5	9,900
510045	100	4500	3600	865	90-180	N/A	5500	2710	1755	250	520	270	550	180	13	170	7.5	10,500
516020	160	2000	1700	865	100-220	N/A	3000	2740	1905	250	470	220	460	180	11	170	11	8,700
516025	160	2500	2100	865	100-220	N/A	3500	2740	1905	250	470	220	460	180	11	170	11	9,400
516032	160	3200	2700	865	100-220	N/A	4200	2740	1905	250	470	220	460	180	11	170	11	10,500
516040	160	4000	3300	865	100-220	N/A	5000	2740	1905	250	470	220	460	180	11	170	11	12,000
516050	160	5000	4100	865	100-220	N/A	6000	2740	1905	250	470	220	460	180	11	170	11	15,500
516060	160	6000	5100	865	100-220	N/A	7000	2740	1905	250	470	220	460	180	11	170	11	18,500
520020	200	2000	1700	865	100-220	N/A	3000	2780	1900	250	470	220	460	170	11	170	22	11,000
520025	200	2500	2100	865	100-220	N/A	3500	2780	1958	250	470	220	460	170	11	170	22	11,800
520032	200	3200	2700	865	100-220	N/A	4200	2780	1958	250	470	220	460	170	11	170	22	13,000
520040	200	4000	3300	865	100-220	N/A	5000	2780	1958	250	470	220	460	170	11	170	22	14,500
520050	200	5000	4100	965	100-220	N/A	6000	2980	1958	250	470	220	460	170	11	170	22	19,300
520060	200	6000	5100	965	100-220	N/A	7000	2980	1958	250	470	220	460	170	11	170	22	22,000
525025	250	2500	2100	865	100-240	N/A	3500	3080	1958	250	520	270	460	160	10	130	22	14,500
525032	250	3200	2700	865	100-240	N/A	4200	3080	1958	250	520	270	460	160	10	130	22	16,500
525040	250	4000	3300	865	100-240	N/A	5000	3080	1958	250	520	270	460	160	10	130	22	17,500
525050	250	5000	4100	965	100-240	N/A	6000	3180	1958	250	520	270	460	160	10	130	22	23,500
525060	250	6000	5100	965	100-240	N/A	7000	3180	1958	250	520	270	460	160	10	130	22	26,500
532025	320	2500	2100	965	100-280	N/A	3500	3300	2360	300	570	270	460	110	8.5	90	22	19,000
532032	320	3200	2700	965	100-280	N/A	4200	3300	2360	300	570	270	460	110	8.5	90	22	21,000
532040	320	4000	3300	965	100-280	N/A	5000	3300	2360	300	570	270	460	110	8.5	90	22	23,000
532050	320	5000	4100	850	100-280	180	6000	3380	2360	300	570	270	460	110	8.5	90	22	27,800
532060	320	6000	5100	850	100-280	180	7000	3490	2360	300	570	270	460	110	8.5	90	22	34,000
532070	320	7000	6100	850	100-280	180	8000	3490	2360	300	570	270	460	90	8.5	70	22	41,000
540025	400	2500	2100	850	100-350	180	3700	3550	2440	320	630	310	460	100	8	80	30	23,500
540032	400	3200	2700	850	100-350	180	4200	3550	2440	320	630	310	460	100	8	80	30	25,500
540040	400	4000	3300	850	100-350	180	5000	3550	2440	320	630	310	460	100	8	80	30	28,000
540050	400	5000	4100	850	100-350	180	6000	3550	2440	320	630	310	460	100	8	80	30	32,000
540060	400	6000	5100	850	100-350	250	7000	3620	2440	320	630	310	460	100	8	80	30	38,600

PARAMETER

ACCURPRESS ABSOLUTE

		A	B				C	D	E		F		G					
MODEL NUMBER	FORCE (TONNES)	LENGTH OF BED (mm)	DISTANCE BETWEEN FRAMES (mm)	BED HEIGHT (mm)	BED CAP WIDTH (mm)	BED DEPTH BELOW FLOOR (mm)	OVERALL DIMENSIONS(mm)			RAM STROKE (mm)	RAM OPEN HEIGHT (mm)	RAM CLOSED HEIGHT (mm)	THROAT DEPTH (mm)	RAM TRAVEL SPEEDS(mm/s)			MAIN MOTOR (Kw)	SHIPPING WEIGHT (Kg)
							OVERALL LENGTH (mm)	OVERALL HEIGHT (mm)	OVERALL WIDTH (mm)					FAST APPROACH (mm/s)	SLOW BEND (mm/s)	FAST RETURN (mm/s)		
550032	500	3200	2700	850	100-400	650	4700	4250	2710	320	630	310	460	100	8	80	2×22	35,500
550040	500	4000	3300	850	100-400	650	5500	4250	2710	320	630	310	460	100	8	80	2×22	40,000
550050	500	5000	4100	850	100-400	650	6500	4250	2710	320	630	310	460	100	8	80	2×22	45,500
550060	500	6000	5100	850	100-400	650	7500	4250	2710	320	630	310	460	100	8	80	2×22	51,000
550080	500	8000	6600	850	100-400	650	9500	4250	2710	320	630	310	460	85	8	70	2×22	62,000
560032	600	3200	2700	850	100-400	790	4700	4400	2760	320	630	310	550	90	8	80	2×22	39,000
560040	600	4000	3300	850	100-400	790	5500	4400	2760	320	630	310	550	90	8	80	2×22	46,000
560050	600	5000	4100	850	100-400	790	6500	4400	2760	320	630	310	550	90	8	80	2×22	53,000
560060	600	6000	5100	850	100-400	790	7500	4400	2760	320	630	310	550	90	8	80	2×22	59,000
560071	600	7100	6200	850	100-400	790	8600	4400	2760	320	630	310	550	90	8	80	2×22	65,500
580040	800	4000	3300	800	200-500	1000	5500	5100	3050	400	900	500	550	65	8	70	2×30	64,000
580050	800	5000	4100	800	200-500	1000	6500	5100	3050	400	900	500	550	65	8	70	2×30	72,000
580060	800	6000	5100	800	200-500	1000	7500	5100	3050	400	900	500	550	65	8	70	2×30	82,000
580070	800	7000	6100	800	200-500	1000	8500	5100	3050	400	900	500	550	65	8	70	2×30	92,000
580080	800	8000	6600	800	200-500	1000	9500	5100	3050	400	900	500	550	65	8	70	2×30	99,000
5100080	1000	8000	6600	760	200-500	2300	9500	6860	3300	400	900	500	600	65	8	60	2×37	112,000
51000100	1000	10000	8800	760	200-500	2300	11500	6860	3300	400	900	500	600	65	8	60	2×37	130,000
51000120	1000	12000	9500	760	200-500	2300	13500	6860	3300	400	900	500	600	65	8	60	2×37	160,000

NOTE: ① Specifications are subject to change without notice.
② Additional models available , Contact the factory for details.



GLOBAL MARKET

Partnership for mutual development



Global market distribution



U.S.A., Canada, Mexico, China, India, Russia, Japan, Korea, Singapore, Malaysia, Vietnam, Australia.....



Top Machining Machines

Accurpress uses the advanced machining centers like FPT, MAZAK, DMG, DROOP&REIN to produce the parts and the frames. These high precise and high performance machines can ensure Accurpress every machine to get good accuracy and quality.



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