



IntelliFab Synchronised

CNC Hydraulic Press brakes

IntelliFab CNC pressbrakes combine the highest bending performance with superior quality you can trust.

Expect nothing but the best features, build quality and value for your money

An intelligent machine, intelligently designed. The ultimate bending solution for your fabrication works:



When designing the IntelliFab CNC, we started with the goal of achieving the highest performance 4 - 6 axis CNC hydraulic press brake, at a reasonable cost.

Feedback gathered from our clients pointed us in the direction of European build quality, a mix of features and components that delivered a very high level of performance and value for money.

The result is IntelliFab Synchronised CNC - our highest performing press brake with the right quality, at the right price.



- Premium 'Made for Europe' build quality.
- Rigid frame with deep throat, machined to high tolerances.
- Premium components throughout - hydraulics, pump, electrics, motor, cylinders, control, backstop fingers and tooling are all selected for the highest performance and reliability with most spares readily available in South Africa.
- Intelligent approach to the operator's needs, with a fully featured full colour CNC control with up to 6 axes, fast, accurate multi-axis backstop, adjustable width and height front support arms on linear guides, quick release Z axis and servo motor R axis height adjustable fingers, full height side and rear safety guards and more.
- CNC controlled fully dynamic hydraulic crowning for accurate full length bends, every time.
- Excellent post sales support, including a 12 month parts and labour warranty.

Everything under control:



Embedded reliability - The DA-Touch controls feature the embedded, real-time Windows operating system for maximum reliability. Smooth start-ups ensured, even after instant shut-off:

- 17 inch, multi-touch LCD TFT display
- 3D visualization of bends
- Bend sequencing and collision detection
- Developed length calculation
- Intuitive interface for maximum productivity
- Bending force and tool safety
- Tool/material/product library
- Up to 6 axis for total control
- USB Interface
- Quick bending page for once off jobs
- Crowning control
- Made in the Netherlands

- Available in bed sizes from 1500mm to 6000mm and Tandem.
- Available in capacities from 40 ton to 600 ton.
- Control: Delem DA 56S (4 axis) or Delem DA 66T (6 axis).
- Electrical: Siemens.
- Seals: NOK Japan.
- Motor: Siemens, Germany.
- Pump: Voith, Germany.
- Hydraulics: Hoerbieger.
- Foot pedal: Up and down, with safety switch.
- Backstops: Running on ball screws with linear guides.
- Fingers: Quick release Z axis, flip up, multi-level backgauge fingers with servo drive R axis height adjustment.
- Bottom tools: Multi vee dies.
- Top tools: Top goose-neck tooling.
- Clamping: Adjustable wedge quick release top tooling clamps.
- Workpiece support: Quick release adjustable left, right, up and down front support arms on linear guides.
- Parallelism: Synchronised hydraulic cylinders with high resolution Heidenhein scales.
- Crowning: CNC controlled, fully dynamic crowning.
- Movement: Inching, single, automatic modes with fast approach to workpiece, stop and reverse.
- Safety rear: Full cage rear safety system.
- Safety side: Side safety guards.
- Safety tools: Optional AKAS/LaserSafe systems.
- Guarantee: 12 months parts and labour, see terms and conditions of sale.

Model	Bending force	Bending length A	Distance between upright B	Throat depth D	Ram stroke C	Die setting height E	Ram speed			Main motor power	Oil tank volume	Overall dimension LxWxH			Weight
	kN	mm	mm	mm	mm	mm	mm/s			kW	L	mm			kg
80T x 2550	800	2550	2150	350	175	480	200	14	170	7.5	230	3140	1540	2240	6800
110T x 3100	1100	3100	2600	410	215	520	200	14	160	11	300	3590	1540	2530	9800
110T x 4100		4100	3600												
160T x 3100	1600	3100	2600	410	215	520	160	11	140	15	380	3610	1600	2590	11900
160T x 4100		4100	3600												
220T x 3100	2200	3100	2600	410	215	530	130	10	120	18.5	400	3630	1830	2630	15000
220T x 4100		4100	3600												
250T x 3100	2500	3100	2600	410	215	530	120	9	105	18.5	400	3630	1830	2630	15100
250T x 4100		4100	3600												
300T x 3100	3000	3100	2600	410	265	580	130	9	100	22	450	3600	1950	2750	20500
300T x 4100		4100	3600												
400T x 4100	4000	4100	3200	510	315	520	110	9	110	30	1000	4400	2150	3600	31500