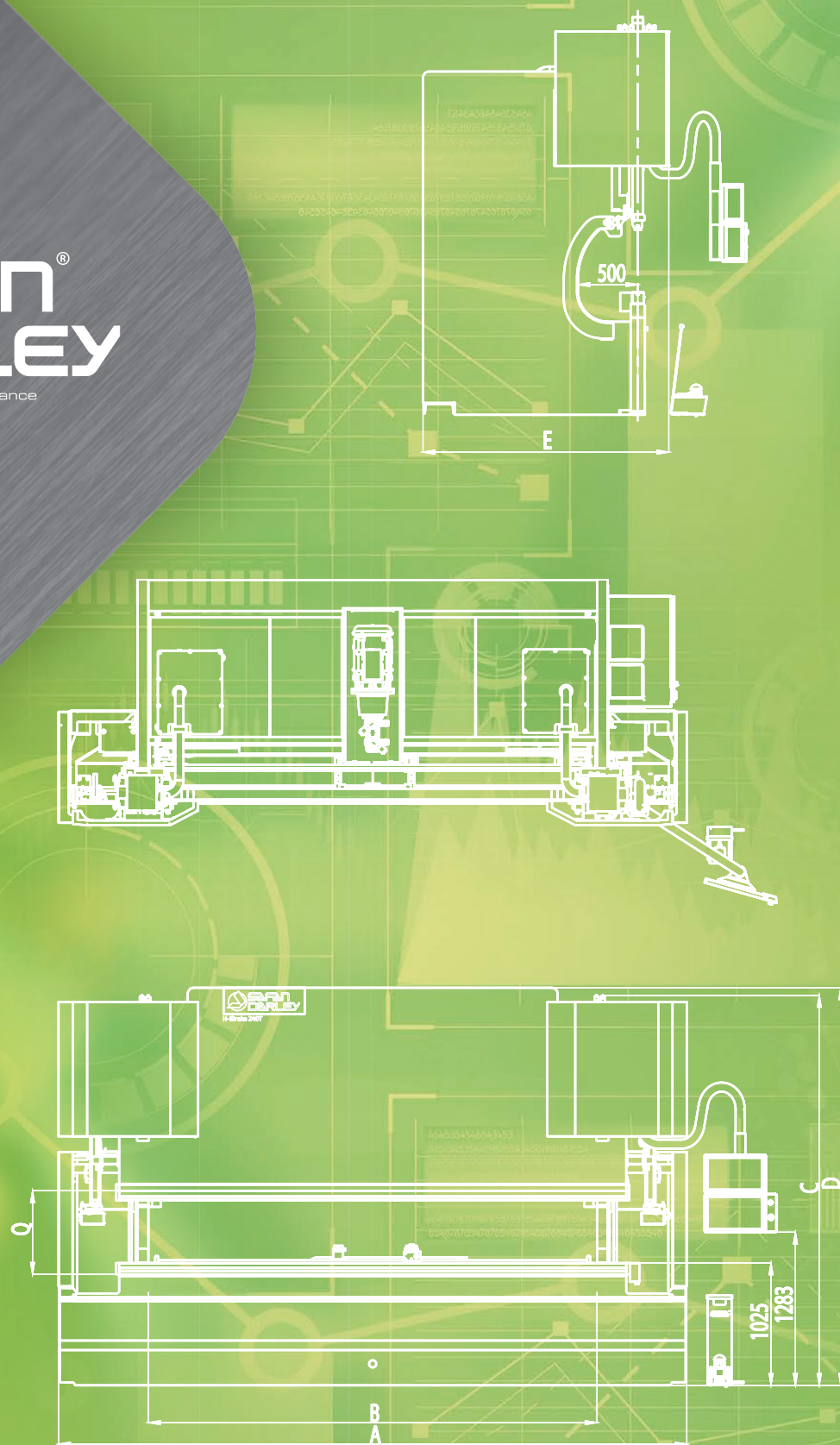


bending to better performance



H-iBrake

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H-iBrake 125 - 560T

Take your production to the next level and promote sustainable growth at minimal cost. Designed to maximise efficiency, environmental friendliness, ergonomic functionality and cost-effectiveness.

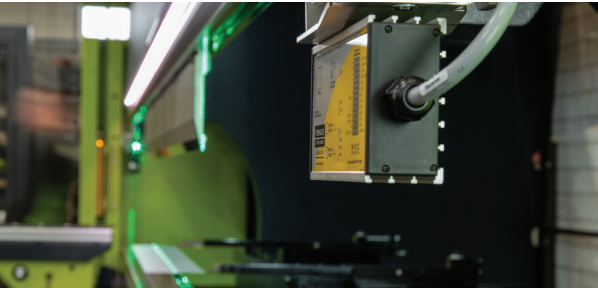
The H-iBrake delivers higher speed, accuracy and energy recovery, improved reliability and lower energy costs with the intelligent hydraulic drive developed by SafanDarley. With capacities from 125 tonnes to 560 tonnes and customisation options for specific needs, such as increasing stroke length and Q-size opening. Dynamic Y-axis control increases productivity and reduces cycle times.

Smart Motion Control by SafanDarley

- Energy efficiency** - optimises energy consumption by adjusting speed and power based on specific bending and operating needs.
- Productivity boost** - eliminates unnecessary energy use, enhancing overall productivity.
- Reduced wear and tear** - minimises wear on machine components, extending their lifespan and reducing maintenance costs.

Standard specifications

- Intelligent drive system for optimum performance, minimal energy consumption and reduced heat development.
- Single motor technology for minimal energy consumption and energy regeneration system. Dual motor from H-iBrake 400T and above.
- High degree of uniformity in the components used throughout the range.
- Less oil present in the machine (~50%).
- Improved ergonomics for the machine operator.
- Standard stroke 350mm (optional 450 mm).
- Q-size standard 700mm (optional 800mm).
- Standard throat 500mm (H-iBrake 170 - 560T).
- Standard heavy duty Z-axis, up to 2.000mm/sec.
- Easily accessible service platform.



Adaptive safety system and smart Light indicator

Options

- Adaptive safety system; additional light curtain for tact-cycle operation with the AKAS 5 laser safety system.
- Next generation modular support arms with a variety of inserts.
- Smart light, programmable per bending step, for showing workpiece position, tool position or backgauge position.
- laser line projection mounted on the AKAS 5 transmitter/receiver to indicate bending line.



Modular support arms



Maximum energy efficiency with energy recovery system



Fully modular



Adaptive safety system
1 tact / 2 tact
functionality



A wide variety of
tonnages and lengths



Standard large troath
depth for maximum
bending flexibility.
(H-iBrake 170 - 560T)



	Pressing force in kN	Operational length in mm	Stroke in mm	Q in mm	Working height	Approach speed in mm/sec.	Maximum bending speed in mm/sec.	Return speed in mm/sec.	Main motor power in kW/ Connected load	Weight in kg.	A in mm	B in mm	C in mm	D in mm	E in mm	Noise level in dB
125T - 1600	1250	1530	300	650	1025	200	10	170	15/26	6000	2740	1700	2760	-	1850	< 70
125T - 2050	1250	2040	300	650	1025	200	10	170	15/26	6500	3185	2150	2760	-	1850	< 70
170T - 2300	1700	2380	350	700	1025	250	10	250	15/26	11200	3300	1780	3300	-	2000	< 70
170T - 3200	1700	3230	350	700	1025	250	10	250	15/26	13500	4250	2740	3300	-	2000	< 70
170T - 4200	1700	4250	350	700	1025	250	10	250	15/26	17000	5300	3760	3300	-	2000	< 70
170T - 5100*	1700	5100	350	700	1025	250	10	250	15/26	20000	6100	4360	3300	3550	2000	< 70
170T - 6100	1700	6120	350	700	1025	250	10	250	15/26	23750	7000	5200	3300	3780	2000	< 70
240T - 2300	2400	2380	350	700	1025	200	10	200	15/26	15500	3300	1780	3300	-	2100	< 70
240T - 3200	2400	3230	350	700	1025	200	10	200	15/26	17000	4250	2740	3300	-	2100	< 70
240T - 4200	2400	4250	350	700	1025	200	10	200	15/26	20000	5300	3760	3300	3400	2100	< 70
240T - 5100	2400	5100	350	700	1025	200	10	200	15/26	23500	6100	4360	3300	3500	2100	< 70
240T - 6100*	2400	6120	350	700	1025	200	10	200	15/26	28500	7100	5200	3300	3650	2100	< 70
320T - 3200	3200	3230	350	700	1025	150	10	170	15/26	18000	4300	2740	3300	-	2250	< 70
320T - 4200	3200	4250	350	700	1025	150	10	170	15/26	24000	5400	3760	3300	3400	2250	< 70
320T - 5100	3200	5100	350	700	1025	150	10	170	15/26	26200	6100	4360	3300	3625	2250	< 70
320T - 6100	3200	6120	350	700	1100	150	10	170	15/26	33500	7100	5200	3480	4180	2250	< 70
400T - 3200	4000	3230	350	700	1025	120	10	180	2x15/46	20000	4300	2740	3450	-	2350	< 70
400T - 4200	4000	4250	350	700	1025	120	10	180	2x15/46	25000	5300	3760	3450	3500	2350	< 70
400T - 5100	4000	5100	350	700	1025	120	10	180	2x15/46	30500	6150	4360	3450	3650	2200	< 70
400T - 6100	4000	6120	350	700	1025	120	10	180	2x15/46	37500	7100	5200	3730	4200	2500	< 70
480T - 3200	4800	3230	350	700	1025	100	10	160	2x15/46	27000	4400	2740	3750	-	2200	< 70
480T - 4200	4800	4250	350	700	1100	100	10	160	2x15/46	30500	5400	3760	3750	3750	2200	< 70
480T - 5100	4800	5100	350	700	1100	100	10	160	2x15/46	35300	6200	4360	3750	3950	2200	< 70
480T - 6100	4800	6120	350	700	1025	100	10	160	2x15/46	40000	7100	5200	4050	4450	2600	< 70
560T - 3200*	5600	3230	350	700	1025	85	8,5	85	2x15/46	33500	4400	2740	4000	-	2600	< 70
560T - 4200*	5600	4335	350	700	1025	85	8,5	85	2x15/46	37500	5400	3760	4000	-	2600	< 70
560T - 5100	5600	5100	350	700	1025	85	8,5	85	2x15/46	40000	6200	4360	4000	-	2600	< 70
560T - 6100	5600	6120	350	700	1025	85	8,5	85	2x15/46	48000	7150	5200	4200	4520	2600	< 70

* CE version: Max. bending speed 10 mm/sec.