

**NEW**



## H-iBrake

Step into the future of sheet metal working with the SafanDarley H-iBrake! This revolutionary machine takes your production to the next level and supports sustainable growth for your business.

SafanDarley designed the H-iBrake hydraulic press brake series with the aim of optimising efficiency, environmental friendliness, ergonomic design and cost-effectiveness.

The new intelligent hydraulic drive has been developed entirely in-house, resulting in increased approach and pressing speeds, optimum precision and energy regeneration. As a result, you not only enjoy unbeatable reliability and increased uptime, but also a significant reduction in energy costs. The technology used covers the full range of our press brakes, offering both power and precision across the entire range of tonnages. Whether you are working with light or heavy sheet metal, the H-iBrake delivers optimum performance in every situation.



The SafanDarley H-iBrake series is the result of years of experience and technical expertise in press brakes. This advanced series of press brakes, with capacities ranging from 170 tonnes to 480 tonnes, combines high-quality technology and innovation. Moreover, this system is suitable for customised machines with a stroke length greater than the standard 350 mm. The SafanDarley H-iBrake series also offers flexibility in terms of machine dimensions, unloading and enlarged daylight opening (Q-size).

H-iBrake series embodies sustainability in Smart Industry, with low operating costs and high energy efficiency. The drive concept is unique and developed in-house by SafanDarley, seamlessly combining hydraulics, electronics and advanced software.

Thanks to the dynamic control of the Y-axis, productivity is significantly increased and cycle times are drastically reduced compared with traditional hydraulic press brakes. In short, the SafanDarley H-iBrake series offers machines fully tailored to current and future needs in sheet metal working.

Modular support arms with a variety of inserts

**Key features:**

- Intelligent drive system for optimum performance and minimal energy consumption reduced heat development
- High degree of uniformity in the components used throughout the range
- Less oil present in the machine (50%)
- Improved ergonomics for the machine operator
- Q-size standard 700mm
- Standard stroke 350mm
- Standard frame extension 500mm
- Renewed modular support arms with a variety of inserts
- Optional: modular safety system. 1 break / 2 break functionality combined with the AKAS 5 laser safety system
- Optional laser line projection mounted on the AKAS 5 transmitter/receiver to indicate bending line
- Optional Smart light: the ultimate combination of adjustable workspace lighting with Tool/Back gauge finger position indicator
- Optional wireless foot pedal for added convenience and freedom of movement for the operator

## Standard available range

Tonnage	Working length			
	3200 mm	4200 mm	5100 mm	6100 mm
170T*	3200 mm	4200 mm	5100 mm	6100 mm
240T	3200 mm	4200 mm	5100 mm	6100 mm
320T	3200 mm	4200 mm	5100 mm	6100 mm
400T	3200 mm	4200 mm	5100 mm	6100 mm
480T	3200 mm	4200 mm	5100 mm	6100 mm

\* Available as a high-speed machine (up to 25 mm/sec) for all robotic solutions or for non-CE countries.

Other tonnages and working lengths are available on request.