

H-Brake HD Series

Special solutions from 500-1250T



Heavy Duty



**SAFAN[®]
DARLEY**

The E-volution in sheet metal working

The SafanDarley HD “Heavy Duty” Series

Progressive innovations and high quality machines have made SafanDarley the global brand leader that it is today. Our core values of Quality, Innovation, Sustainability and Trust are well known to the thin sheet metal markets and these values are also available to the Heavy fabrication sectors.



SafanDarley offers innovative solutions for all types of sheet metal working companies, applying revolutionary electronic or hydraulic technology. These innovations are the continuation of our previous milestones, such as the first CNC electro-hydraulic press brake EHP in 1979, the first servo-electronic press brake SMK in 1995, the first hybrid guillotine shearing machine in 1999 and the first full-fledged electronic press brake, the original E-Brake, in 2004. This revolutionary machine concept marked the beginning of a global trend of 'E-volution in sheet metal working'. SafanDarley now offers a unique program of electronic press brakes, shears, and automated systems. SafanDarley is also the leading innovator in the heavy duty hydraulic press brake segment as evidenced by the

new generation SafanDarley H-Brakes with their unique durable hydraulics.

HD Series

A recent one million euro investment in a state-of-the-art machining center has given SafanDarley the ability to produce machines up to 1,250 tons and working lengths up to 32.8 feet. At SafanDarley, all critical machine parts are made in our own factories in the Netherlands, enabling us to always guarantee the highest quality.

The H-Brake “Heavy Duty Series” starts with a 500 ton pressing capacity. This series of machines is not only of a heavier construction but is also equipped with special

mountings and extra press beam guidance. In addition to the standard H-Brake features, the H-Brake Heavy Duty is equipped with a more robust heavy duty backgauge system and a large gap of 1.6 feet [or 19.7 inches] in the side frames.



The HD Machine with HD options

For the heaviest machines, SafanDarley offers options that are specifically designed for this tonnage range. It is also possible to apply standard H-Brake options for the HD Range.

H-Brake

HD Series



Heavy duty backgauge fingers



9 axis backgauge

Options

The SafanDarley heavy duty series can be fitted with any of the options available on the regular H-Brake series.

The E-Bend L laser angle measuring system and the E-Mate 2000 bending aid are options that are particularly beneficial for the H-Brake heavy duty series.

Measuring, re-bending, and handling large heavy products are very time consuming and, during this time, the machine is not operational. The start/stop system will automatically stop the pump when there is no movement in the press beam. For bigger

machines, these times are longer and the power consumption higher and, therefore, options like this significantly improve the return on investment.

The backgauge system for the heavy duty series is of a completely new design. To make it more suitable for the heavy/thick sheet metal segment, the construction is more robust and the linear guiding has been placed further apart to handle the additional forces. Moreover, these backgauge systems are fitted with heavy duty fingers, which have as standard buffer springs. This enables us to guarantee greater dimensional tolerances and longer life.





39.37" gap in the side frame



Lightguard open



Lightguard closed



For the heavy duty series, special support arms have been developed with a load capacity of 551 lbs per arm. It is, of course, still possible to fit the H-Brake Heavy Duty with normal H-Brake support arms.

For a detailed explanation and photographs of all the available H-Brake options, please see the main H-Brake brochure.

H-Brake HD 600T, 27.56" stroke and special bending aids

Tandem Machines

It is possible to align multiple machines next to each other, thereby making it possible to synchronize the machines for tandem operation. This makes it possible to manufacture very long products in tandem mode with the Press brakes operating simultaneously. Alternatively, the press brakes can be operated separately when manufacturing shorter components thereby doubling the capacity. A variety of specifications and options is available.

It is not necessary for the machines to be of the same size.

Double working length or double capacity

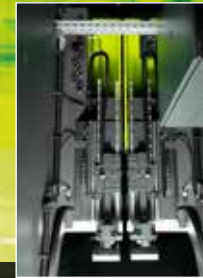
The SafanDarley tandem systems are very flexible enabling you to manufacture at optimum capacity in all situations.



H-Brake HD 1200T 29,53 feet Tandem



LazerSafe in tandem mode



LazerSafe in single machine mode

SafanDarley HD series*

H-Brake HD 500.42/37
H-Brake HD 500.51/43
H-Brake HD 500.62/51
H-Brake HD 600.42/37
H-Brake HD 600.51/43
H-Brake HD 600.61/55
H-Brake HD 600.82/71
H-Brake HD 800.42/37
H-Brake HD 800.51/43
H-Brake HD 800.62/51
H-Brake HD 800.82/71
H-Brake HD 1000.62/51
H-Brake HD 1000.82/71
H-Brake HD 1250.62/51

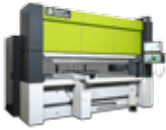
* preliminary, other models available upon request



E-Brake Ergonomic



E-Brake 35T-200T
E-Brake B 20T-100T



E-Brake Ultra 50T-130T



E-Brake 300T Dual Drive



E-Brake ATC



H-Brake 175T-400T



H-Brake Hybrid 110T-170T



H-Brake HD 500T-1250T



R-Brake



B-Shear & M-Shear



Special cutting lines

Watch our corporate movie here:



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