

# H-Brake HD Series

Special solutions from 500-1250T



Heavy Duty



The E-volution in sheet metal working

# The SafanDarley HD “Heavy Duty” Series

Progressive innovations and high quality machines has 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 fully-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 programme 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 centre has given SafanDarley the ability to produce machines up to 1250 tons and working lengths up to 10 metres. 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 tons 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 back gauge system and a large gap of 500 mm in the side frames.



# The HD Machine with HD options

For the heaviest machines SafanDarley offers options that are specially designed for this 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 of large heavy products is 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 therefore options like this significantly improves the return on investment.

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





1000 mm 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 250 kg per arm. It is of course still possible to fit the H-Brake Heavy Duty with normal H-Brake support arms.

For detailed explanation and photographs of all available H-Brake options we refer you to the main H-Brake brochure.

H-Brake HD 600T, 700 mm stroke and special bending aids

### Tandem Machines

It is possible to align multiple machines next to each other. 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 therefore doubling capacity. A variety of specifications and options is available.

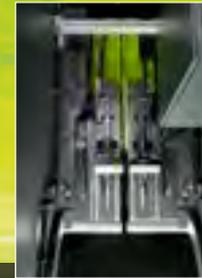
It is not necessary for the machines to be of the same size.

# 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 9 Meter 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 on request



E-Brake Ergonomic

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

E-Brake 300T Dual Drive

H-Brake 175T-400T

H-Brake HD 500T-1250T

R-Brake

B-Shear & M-Shear

Special cutting lines



Watch our corporate movie here:



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