

Fully automatic cutting centre

Safandarley is the market leader in high quality hydraulic guillotine shears and offers a variety of smart solutions for cutting sheet metal. The fully automatic cutting centre is one of these innovations that contributes to productivity and customer-specific efficiency.

Unfold the future

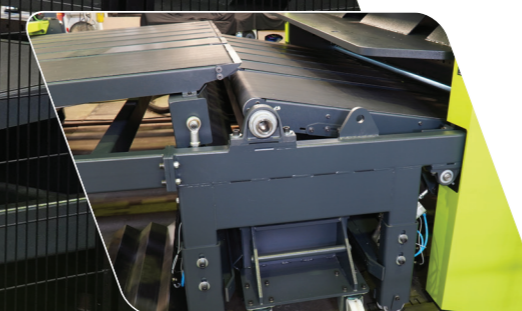
Fully automatic cutting centre

- Special version of the hydraulic guillotine shear
- Automatic sheet feed system
- Product discharge system.
- Energy-efficient hybrid drive with lower CO2 emissions
- User-friendly Touch screen operation
- Only 22 litres of oil
- Less noise pollution
- Integrated safety system

Wide range of applications

The cutting centre is ideal for cutting cold and hot rolled steel (max 6mm), stainless steel (max 4mm) and aluminum (max 6mm). The cutting centre can be used for various applications and is ideal for:

- Where high demands are made on repeat accuracy.
- Cutting pre-punched sheets into components.
- The clean and square cutting of single pieces from large sheets.
- Precise cutting of single pieces with the option to return the cut sheet at to the front of the machine using the return to sender system.
- Easy handling and support of very thin sheet material during the cutting process.



Automatic sheet feed & product discharge system

Automatic sheet feed & product discharge system

The fully automatic cutting centre is equipped with an automatic sheet feed and product discharge system. The automatic sheet feed system consists of a centrally placed CNC pre-stop unit with a flat table with roller balls and equipped with 6 hydraulic clamps

Automatic sheet feed:

- Max. plate size: 3050 x 1525 x 6mm
- Min. Plate thickness 0.5mm
- Min. Plate width (clamping distance) 300mm
- Clamp width 60mm
- Number of terminals 6
- Max. Adjustment range CNC stop 3500mm
- Min. residual strip 46mm
- Positioning speed of CNC stop 400mm/sec

Product discharge system:

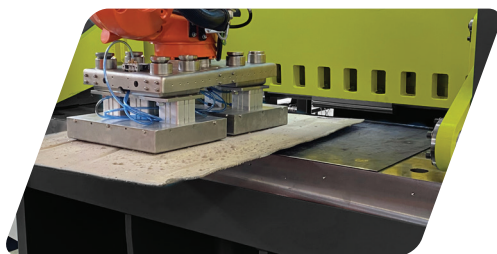
The automatic product discharge system comprises of 2 conveyor belts placed one behind the other. The first conveyor belt has a hold-up function and a return device (Return to Sender).

The second transport can be lifted and then serves as a scrap flap through which the residual strips fall into a scrap bin. After cutting, the sheet is discharged or transported for the next operation, fully automatically, for optimum productivity.

Working Safety

With the fully automatic cutting centre you can work at lightning speed without risk. SafanDarley makes this possible by means of a fencing/light screen combination that shields the cutting centre. With this built-in safety feature, the built-in hydraulic clamps will retain the plate if the light beam is interrupted whilst the machine is in operation.

Smart solutions for cutting sheet metal



Automatic cutting of nickel, copper and cobalt cathodes



Right-angled setup for easy cutting of long sheet metal



Fully automated cutting centre with CNC pre-stop and conveyor system



Wide range of storage and stacking systems

SafanDarley B.V., Kwinkweerd 11, NL-7241 CW Lochem | P.O. Box 96, NL-7240 AB Lochem

Tel.: +31 (0)573 222 222, Fax: +31 (0)573 222 299 | E-mail: info@safandarley.com | Website: www.safandarley.com

Watch our corporate movie here:

