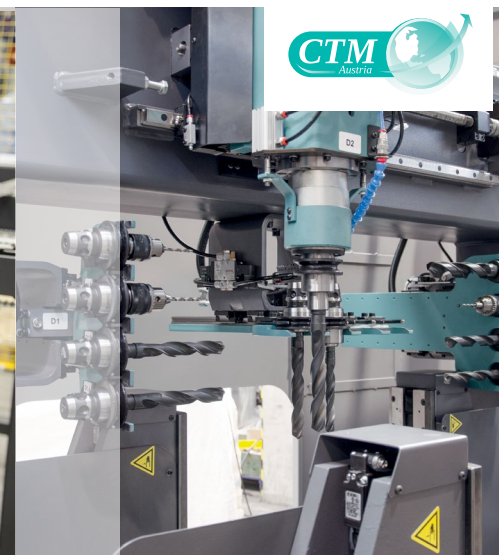




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Ergoline
Fast and easy





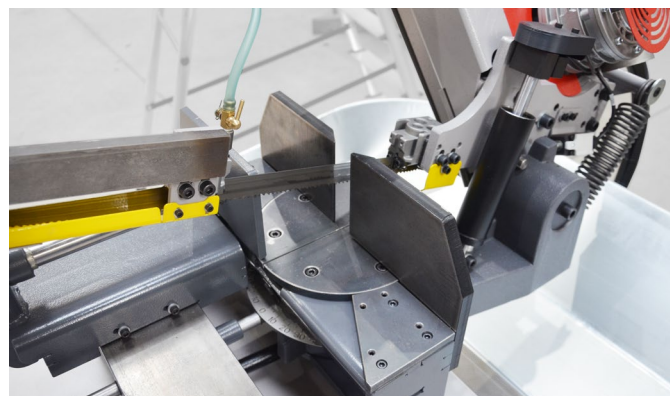
Fast and easy

275.230 DG/310.255 DG

Ergoline

The band saws from Ergoline series belongs in medium size of gravitational bandsaws. Ergoline series is designed for customer who is looking for quality concept in suitable price range. Welded saw arm equipped by 27 mm sawblades which is powered by 1,1 kW two speed driving unit (35 m/min and 75 m/min) guarantee a quality cuts of stell material up to diameter 230 mm.

In the needs to cut material under the angle the Ergoline saw arm can be smoothly adjusted in angle range from - 45° up to 60°. For more favorable cutting in angle has a bandsaw turning table with pre-defined cutting channel. Clamping of material is provided by vice consisting of clamping handle with eccentric fixing lever.



During an angle cutting a clamping vice could be moved from left in to the right side. All of control elements of machine are located on panel which is fixed directly on machine pedestal.



The sawblade tensioning is done manually by turning the control wheel located directly on the saw arm and right tension value is secure by electronic system to will not allow run a machine without correct tension or stop machine in the moment when saw blade is break.

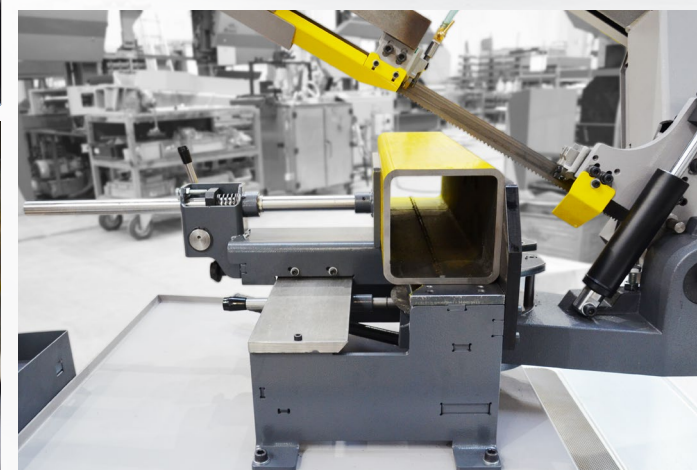
Sawblade cleaning is performed by a constantly rotating steel brush that cleans the sawblade throughout the entire cutting cycle.



All control elements of the bandsaw are located on a simple understandable control panel, mounted on directly on machine pedestal at an optimal height for comfortable operation.



For maximum flexibility during angle cutting is Ergoline equipped by well seeable angle scale visible from operator place. The turning table has integrated cutting channel. This system ensures that during a angle cutting the saw arm with saw blade is always in the same position with cutting channel.



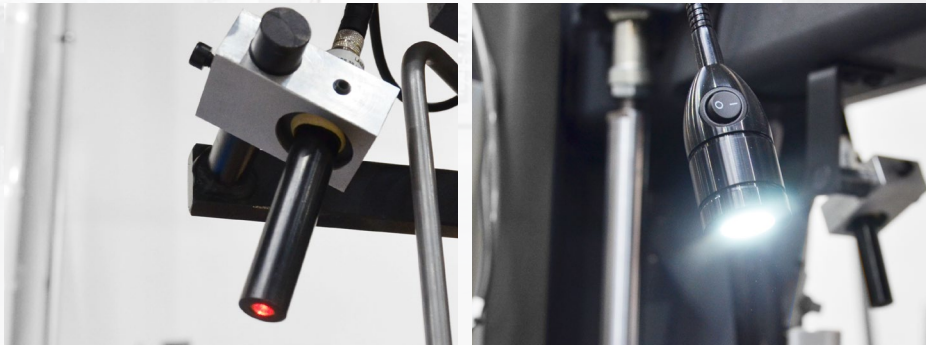
For material clamping, the bandsaw is equipped with a movable clamping vice that offers high flexibility. This vice can be easily moved to either the input or output side of the saw, allowing the operator to clamp material on the left or right side as needed. This feature is particularly beneficial for angular cuts, as it maximizes work efficiency and reduces handling times. Clamping of material ensure a fast clamp clamping system consisting of clamping handle with eccentric fixing lever.

To ensure precise and quality cuts, the bandsaw is equipped with two guide cubes featuring three-sides carbide segments. One of these cubes is adjustable, allowing it to be set at an optimal distance from the material, which minimizes blade deflection and ensure a cutting accuracy. The second cube are fixed and non-adjustable. This cube is designed for keep a stability of the saw blade after cut.



Accessories

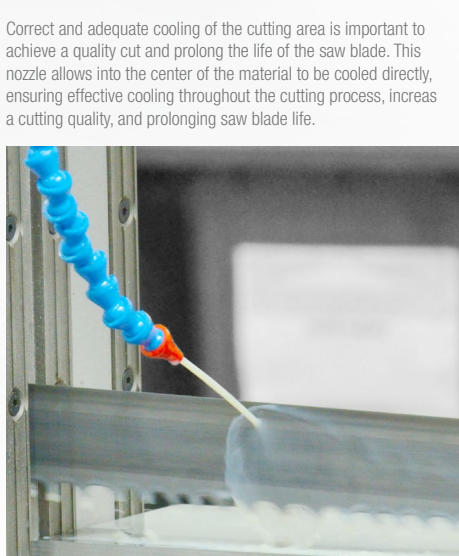
Enhance the visibility and oversight of your bandsaw's working area with halogen lighting. This illumination provides clear, bright light, allowing operators to see every detail of the cutting process, ensuring precision and safety during operation.



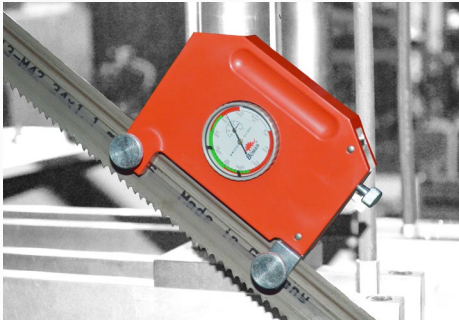
A Laser Liner provides precise marking for the future cut location. The red laser line clearly indicates where the cut will occur, giving the operator an accurate overview and allowing for precise measurement of the required length.



To prolong the life of your bandsaw and ensure comfortable use, it's important to maintain a clean work area. To facilitate this, bandsaws can be equipped with a cleaning pistol that allows you to easily clean the working cleaning pistol.



Correct and adequate cooling of the cutting area is important to achieve a quality cut and prolong the life of the saw blade. This nozzle allows into the center of the material to be cooled directly, ensuring effective cooling throughout the cutting process, increas a cutting quality, and prolonging saw blade life.



Correct tensioning of the saw blade is important to achieving precise cuts and prolonging the saw blade's lifespan. The tenzomat is a measuring tool that enables operators to measure and monitor the tension value of the saw blade.

preparation legs

Designed for storage and preparation of material before cutting.

clamping vice

This vice can be easily moved to either the entry or exit side of the saw, allowing the operator to clamp material on the left or right side as needed during a mitter cutting.

control panel

vertical rollers

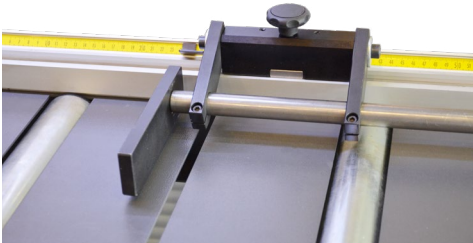
saw arm

The welded construction of saw arm provides the necessary rigidity for enough quality of final cuts. The saw arm can be turned in to angle in the range -45 °(left) up to 60° (right).

lengh stop MNCA

M conveyor

Lenght stops



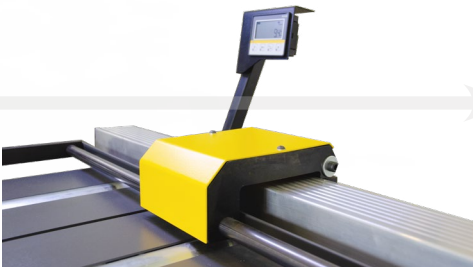
MA

The basic and simple lengths stops for M series conveyors is MA. MA is length stops with band scale for measuring



MRA

MRA has digital display for length showing instead band scale. MRA is fixed on steel rectangular bar guiding and the trolley was sliding on the well sliding segments.



MDA

MDA has digital readout display for showing measuring length together with handwheel for lengths stop positioning make up comfortable and friendly to use device.



MNCA

MNCA is length stops with automatic position of required length. Part of this device is control panel what can be placed directly on conveyor or can be free stand next to bandsaws control panel.

Optimize your sawing process



SawManager is an advanced software solution designed to optimize the cutting process in manufacturing environments. The program is structured to streamline the management of work data, machine parameters, stock materials, and cutting order calculations to maximize efficiency and minimize material wastage.

Key features

Data Management

The software allows for detailed entry and management of work and machine data, facilitating precise control over cutting operations

Optimization Features

SawManager includes cutting order optimization functionality that calculates the most efficient layout of cut pieces, aiming to minimize material waste and enhance productivity

Material Stock Management

It features a Stock database to manage stock materials efficiently, ensuring optimal usage of resources and reducing waste

User-Friendly Interface

The software provides a user-friendly interface with a dedicated Help section, making it accessible to users with varying levels of expertise

Flexible Export Options

Cutting plans can be exported in Excel and CSV formats, supporting various operational workflows and facilitating easy implementation of cutting instructions

Programing from office

With Sawmanager you can make your cutting plan directly from your office. In the moment when you cutting plan will be ready you can sent it by ethernet directly in to machine PLC or use a USB flash disk for data transfer.

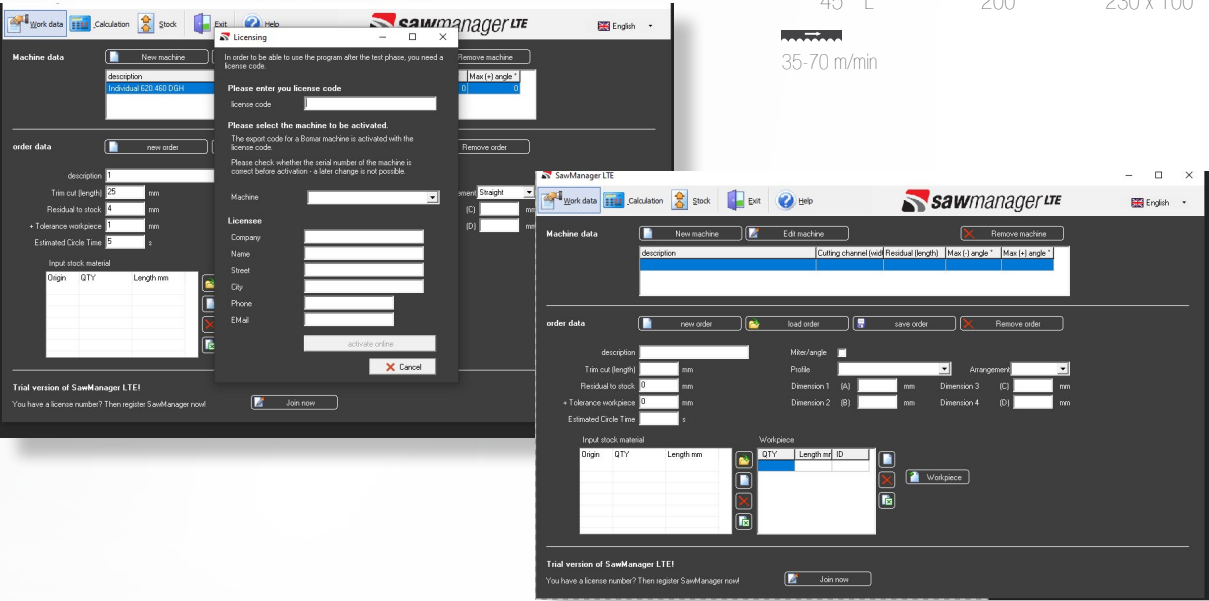
SMART mode

During using a gravity or semi-automatic band saw with an automatic length stop, it is possible to effectively use the Sawmanager application as a practical guide for cutting plans. This system allows users to upload the cutting plan to the length stop PLC system. Once the plan is uploaded, Sawmanager guides the operator through the cutting process, providing clear step-by-step instructions throughout the cycle.

This means that the operator does not have to constantly monitor each stage, as Sawmanager is designed to not hesitate and meaningfully guide the user step by step until the entire cutting plan is successfully completed. In this way, the risk of errors is minimized, efficiency is increased, and time is saved, as the entire process is optimized and simplified.

Fully automatic programming

Sawmanager software enables efficient creation of cutting plans directly from the office, saving time and increasing productivity. The program's intuitive interface allows easy operation, which can be done after a short training. The user can enter the length of the blanks and the number of required final workpieces, define the cutting method and and, if necessary, specify the product sorting position if the cutting line includes a sorting unit.



Technical parameters

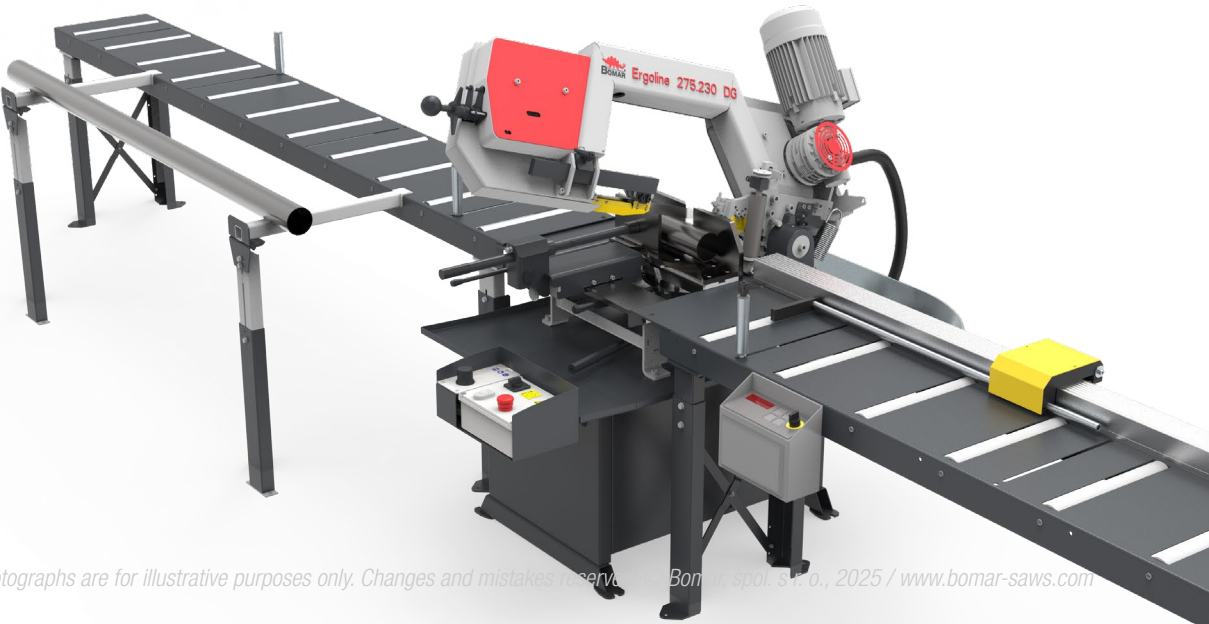
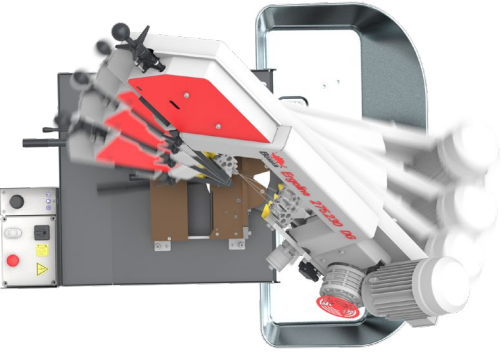
Ergoline 275.230 DG

0 °	230	275 x 155	250 x 200	200 x 200
45 ° R	185	190 x 100	170 x 175	170 x 170
60 ° R	115	115 x 95	115 x 95	95 x 95
45 ° L	170	190 x 90	100 x 200	145 x 145
35-70 m/min				1,1 kW 2 720 x 27 x 0,9 mm

Ergoline 310.255 DG

0 °	255	310 x 205	310 x 205	205 x 205
45 ° R	215	235 x 85	220 x 145	145 x 145
60 ° R	130	150 x 85	150 x 85	85 x 85
45 ° L	200	230 x 100	145 x 205	170 x 170
35-70 m/min				1,1 kW 2 910 x 27 x 0,9 mm

-45 °(left) up to 60° (right)



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