

Alligator 240 CNC

Automatic CNC Bandsaw for Metal Cutting



Features and Functions: The maximum length of a single feed is 500 mm. The required workpiece length is easily set with a hand lever and displayed on the digital meter. The Alligator 240 CNC is equipped with a more powerful motor and a frequency changer allowing for setting optimum saw blade speed between 25 and 100 m/mi. The optimum setting of saw blade speed towards the workpiece increases the productivity of the machine and the saw blade life.

Material Feed and Cutting Accuracy: The machine design enables cutting the material in angle without material handling. The material is stable between the fixed and moving gripping jaws. The cutting angle is set by turning the band saw head including the rotary table Y after releasing the arresting lever Z of the table. The band saw head must be elevated while it is being turned so that the saw blade is above the bearing surface of the vice. When the required angle has been set (acc. to angle scale), secure the rotary table with the arresting lever Z of the table. The fixed stop serves for constant setting of the limit angles

Control Panel and Software: The machine is equipped with a central control panel.

SAWS (UK) LTD, Wealden Industrial Estate, Farningham Road, Crowborough, East Sussex, TN6 2JR
Phone 0844 880 4511 Fax 0844 880 4954 sales@sawsuk.com

Vat Number : 449 6364 12 Reg No.: 02453610



Construction and Stability: The machine's design is based on robust steel parts, providing exceptional stability even when cutting heavy workpieces. The base includes a removable chip container and allows for the installation of a screw chip conveyor.

Saw Band and Arm Design: The machine uses a 27mmx0.9 mm industrial bandsaw blade, which can handle various materials, including stainless steel and tool steel. The arm casting with cavities includes running wheels with an optimal diameter, ensuring less bending stress of the blade. All electrical wiring and the coolant delivery system are concealed in hollow parts of the arm for protection.

Technical Improvements: The machine has undergone technical adjustments and changes to enhance quality, user comfort, and service life. It offers simple intuitive control through ergonomically positioned controls on a separate central panel.

Safety and Maintenance: The machine is equipped with safety features such as automatic stop when the blade breaks. The industrial electric motor with a worm gearbox provides a noiseless and maintenance-free drive of the saw band. It is connected to a complete cooling system with a powerful pump for effective cooling.

In summary, this bandsaw is designed to be versatile and efficient, with CNC capabilities for precise and automated cutting. It offers a range of control options, a sturdy construction for stability, and various technical improvements to ensure accuracy and durability. The design focuses on user comfort, safety, and maintenance efficiency.



Cutting Capacity

	90°	45° \
Round	240	190
Square	235	180
Rectangle	235 x 240	190 x 130

Technical Specifications

Speed Range	25 – 100 M/min
Blade	2710 x 27 x 0.9mm
Drive Motor	2.2Kw
Hydraulic Motor	0.55 Kw
Coolant Pump	0.12 Kw
Net Weight	740 Kg
Working height	810mm
Feed rate of material	1.8 / 4.2 / 6.6 m/min.
Machine dimensions	2100 x 1500 x 1450

PRICES

USED ALLIGATOR 240 CNC

Please Call

Accessories

Hydraulic Vertical Bundle Clamp

Included

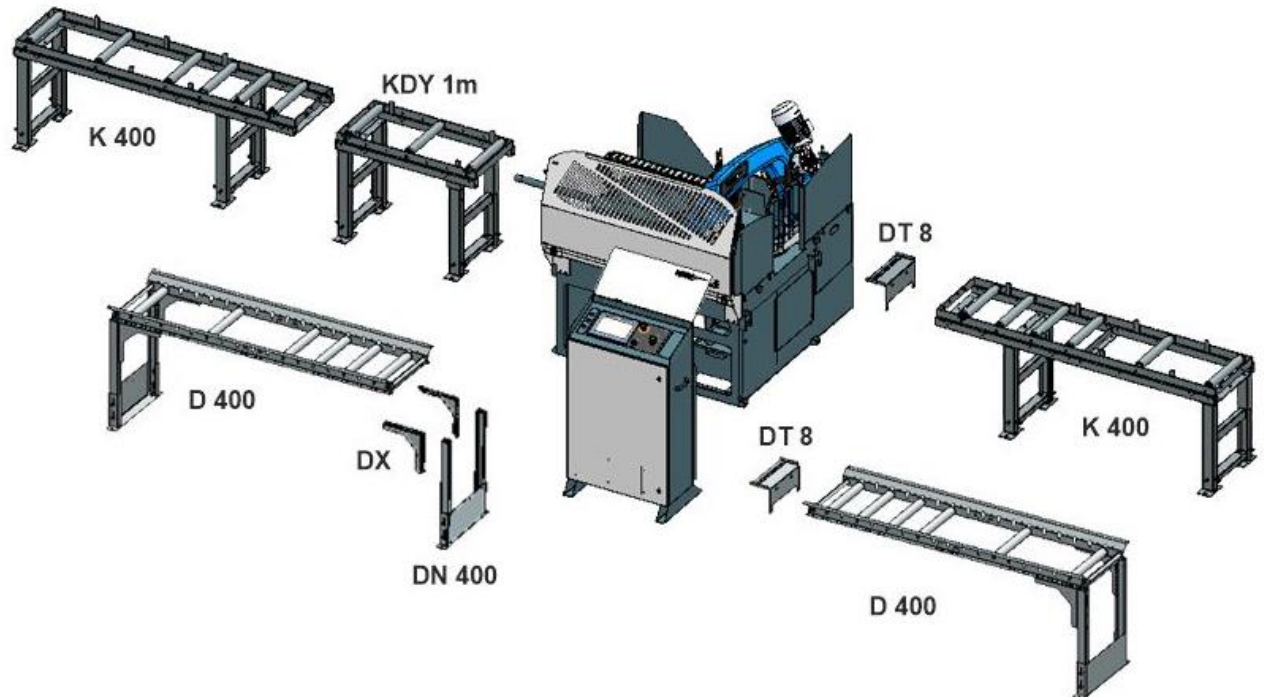
- ALL PRICES SHOWN ARE EXCLUSIVE OF VAT
- 6 MONTH WARRANTY
- DELIVERY IS CHARGED AT COST
- FULL PAYMENT IS REQUIRED WITH ORDER
- UNLOADING AND ELECTRICAL CONNECTION IS THE CUSTOMER'S RESPONSIBILITY
- QUOTATION VALID FOR 30 DAYS, E&OE

FINANCE IS AVAILABLE ON REQUEST

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Conveyor & Measuring Systems



High quality gravity roller tables and measuring systems for the HD range of band-saws but would suit most sawing machines. Rollers are made from machined steel and fitted to bearing blocks.

K Table has six rollers as shown above. The pitch is closer near the saw to cope with shorter pieces.

KS Table would be the extension table after the K table. These tables have 4 rollers per 2 metre table.

K400 1m (comes with 1 leg) £995
K400 2m (comes with 2 legs) £1,495

KDY400 1m (comes with 2 legs) £1,295

KO Manual Measuring System – 2m £595
KO Manual Measuring System – 3m £650

KOD Digital Measuring System – 2m £2,195
KOD Digital Measuring System – 3m £2,495

D400 x 2 metre (comes with 1 leg) £595
D400 x 3 metre (comes with 2 leg) £850
DT 8 Connector Output + One Conveyor Leg £215

DO Manual Measuring System - 2 metre £395
DO Manual Measuring System - 3 metre £425
DOD Digital Measuring System - 2 metre £950
DOD Digital Measuring System - 3 metre £1,050



Blades

Alligator 240 CNC Vari Pitch BM42 Alligator Blade £34.27

On all blade orders we offer free UK carriage over £125, 10% off on 6+ blades, 15% off on 10+ blades & 20% off 20+ blades.

Consumables

Successful machining requires 3 main elements:

The Machine

The Blade

Sawing Fluid

Saws UK develop, manufacture & market Alligator Bandsaw blades & sawing fluid.

Please contact us on **0800 521 292** for technical advice to optimise your performance.

Sawing Fluid

EP5000 Alligator Sawing Fluid 25L £144.00

EP5000 Alligator Sawing Fluid 5L £42.50

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