



Moving-head saw cutting machine

Model 602S, 604S & 606S

This range of travelling or moving-head servo saw machines are designed for the precise cutting of rigid plastic pipe & profile.

The main benefits to the user are:

- High accuracy cutting with Lenze AC servo controlled moving head
- Servo ensures perfect synchronisation with extrusion linespeed.
- Pneumatic clamping with adjustable side guides.
- Ultra-robust framework for a long life-span.
- Easy-to-use controls with 178 mm (7") colour touch-screen operation panel as standard.
- New technology reduces maintenance downtime.



Mode of Operation

Servo Saw Cutting Technology:

A range of versatile travelling saw cutting machines. The up-stroke circular saw blade can cut through most rigid plastic extrusions to leave a clean, square, cut end.

The saw carriage moves along at a speed to match the extrusion linespeed. The movement is controlled fully automatically so that the carriage always maintains its position relative to the movement of the extruded material.

The carriage movement is driven by a high performance AC brushless servo motor for improved cut length accuracy.

A pneumatic clamp system grips the extrusion during the cut. Profiled blocks can be supplied to hold the extrusion better as the saw blades pass through the material.

Adjustable side guides are also provided to ensure that the extrusion remains square to the cut. These guides are on a counter-rotating screw thread so they can be moved in & out whilst remaining parallel to each other.

A full colour 6" (152 mm) Lenze touch-screen control panel is used to control the machine. Lenze servo drives operate the moving-head cutter table.

Machine guarding is provided to a very high level with all access points fully protected by coded magnetic interlocks.

A range of tilt/tip tables are available to go with the saw machine.



Series 6 Saw Range - Standard version				
Model	Max. capacity - round (mm)	Max. capacity - flat (mm)	Carriage travel (mm)	Saw motor size (kW)
602S	40	140	300	1.1
604S	100	260	600	2.2
606S	150	400	600	4.0

We reserve the right to change machine specifications without notice.

www.gillardcutting.com

for more information on our product range.

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