



## **FIX 650**

Single head cutting-off machines



Single-head, rising blade cutting-off machine for large sections. Designed for cutting at 90° only. The product's distinctive characteristic lies in the superior quality of the cut section, combined with repeatability and accuracy. The blade feed is pneumatic.



### Vices

The workpiece is clamped using horizontal and vertical vices, which are characterised by extremely fast positioning. The robustness of the mechanical structure used ensures the extreme rigidity of workpiece clamping on the work benches.



### Blade

The cutting-off machine is equipped with a 650 mm-diameter Widia blade mounted on a pneumatic feed system, which ensures the rigidity of the system and, at the same time, the power needed to process profiles with large sections.



### Control

The control console allows user-friendly and intuitive machine operation. Machine management control is complemented by the vice pressure adjustment system and the ability to adjust the blade output speed.



### Cutting zone

To enable maximum utilization of the large cutting capacity, which ensures the machinability of large profiles, the cutting zone features a sturdy structure designed to ensure maximum stiffness. This is with regard to both the horizontal plane and the vertical square.





**FIX 650 / SINGLE HEAD CUTTING-OFF MACHINES**

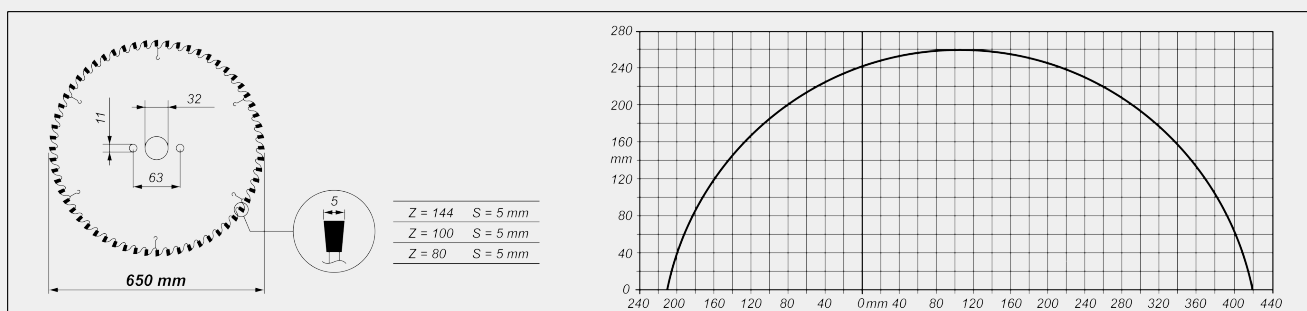
**BLADE**

Made of Widia (mm) Ø = 650  
 Swarf conveyor for blade ●

**BLADE FEED**

Hydro-pneumatic ●

**CUTTING DIAGRAM**



**CUTTING AREA PROTECTION**

Full guard manually operated ●  
 Automatic opening of the blade protection ○

**LUBRICATION SYSTEM**


Minimal oil diffusion lubrication system ●

**WORKPIECE LOCKING**

Pair of vertical pneumatic vices with pressure reducer plus pressure gauge ●  
 Pair of horizontal pneumatic vices with pressure reducer plus pressure gauge ●  
 Additional horizontal vice ●

**MOTOR**

Three-phase brakemotor ●  
 Brake intervention time (s) 10  
 Power (kW) 5,5

**SUCTION**Pre-set for swarf exhauster Included  Available