# TKE 355-345 PF

Single Head Cutting-Off Machines

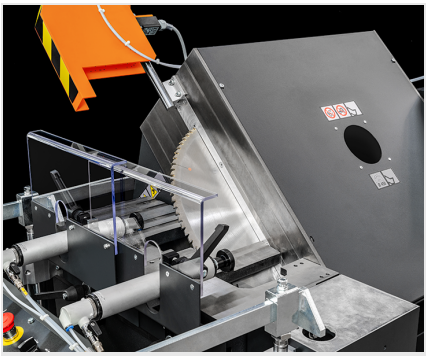



Single head cutting-off machine with horizontal blade feed and left loading side, pneumatic double side tilting of the cutting head in fixed positions: 45° to the left plus 90°, 45° and 22°30’ to the right. A special positive stop also allows cutting atintermediate angles.

**Emmegi S.p.A.**
Via delle Industrie, 2
20044 - Arese (MI)
ITALY

Tel 39 02356961
P.IVA 01978870366
info@tekna.it
www.tekna.it

The right to make technical alterations is reserved.



## Head 45°/ 22°30’

Applied technical solutions ensure fast and precise angular positioning of the head, which can be equipped with 450- and 550-diameter cemented carbide blades. Thus the distinct vocation of this machine for the production of windows and doors is outlined, ensuring reliability and precision over time.



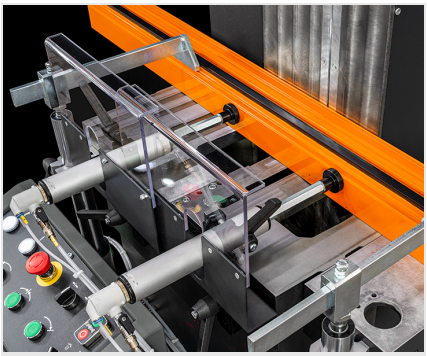
## Safety systems

The machine is equipped with a localised blade protection system, which does not interfere with the positioning of the workpiece but, at the same time, ensures the safety of the operator.



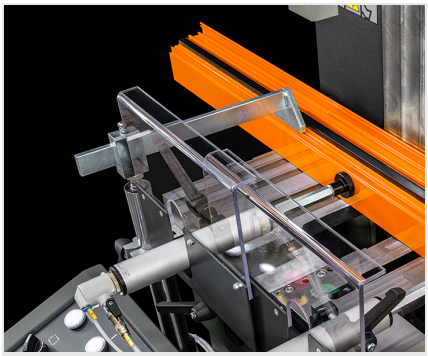
## Control

Control console that allows the implementation of left and right head tilt through the use of quick and intuitive controls. With the unloading/measuring roller conveyor stand on the right side, the length of the workpiece to be cut is determined, referenced to the centre of the blade.



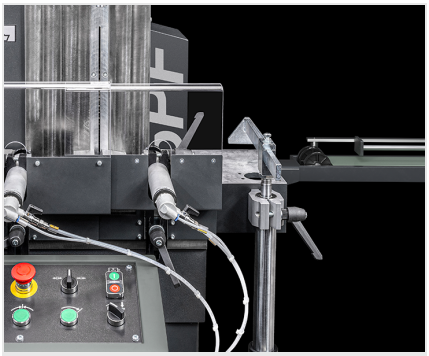
## Vices

The cutting-off machine is equipped with a horizontal and vertical vice assembly (optional), which is characterised by extremely fast positioning and effective clamping.



## Vertical pneumatic vice (Optional)

If necessary, you can install a left vertical vice or a pair of vertical vices (both left and right) to perfectly clamp profiles of even more complex shapes.



## Provision for loading the profile from the right (Optional)

The machine is designed to accommodate a special roller conveyor positioned on the right side. Their function is to support profiles of considerable length and to ensure correct positioning of the workpiece in the machine.

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**TKE 355-345 PF** / SINGLE HEAD CUTTING-OFF MACHINES

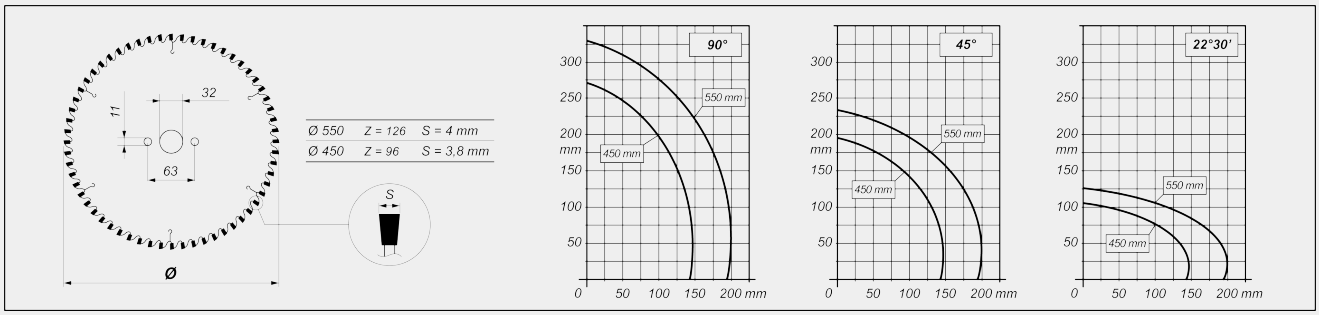
## BLADE

| | |
|---|---|
| Made of Widia (based on model) (mm) | Ø = 450 ; Ø = 550 |

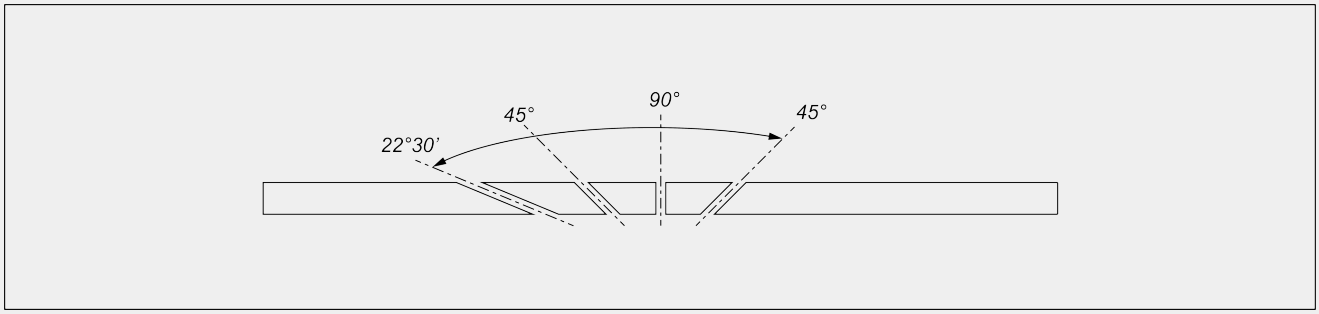
## BLADE FEED

Hydro-pneumatic ●

## CUTTING DIAGRAM




## CUTTING UNIT TILTING




Mechanical adjustment of intermediate angles

## CUTTING AREA PROTECTION

Local, pneumatically control ●

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## LUBRICATION SYSTEM

| | |
|---|---|
| Micro-mist lubrication system with water and oil emulsion | ● |

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## WORKPIECE LOCKING

| | |
|---|---|
| Pair of pneumatic horizontal vices | ● |
| Pair of pneumatic vertical vices | ○ |
| Provision for profile loading from the right | ○ |

## MOTOR

| | |
|---|---|
| Three-phase (kW) | 2,2 |

Included ● Available ○

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