

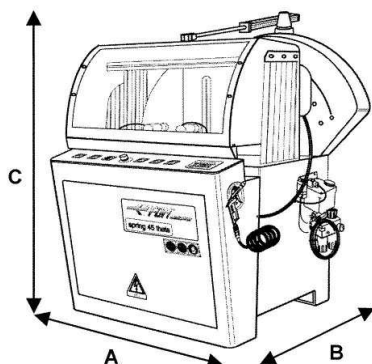
## SPRING 45 THETA



Single head sawing machine with  $\varnothing$  450 mm front blade and electronic cutting angle control. The machine consists of two large single block frames: the machine bed in normalised electro-welded steel and the cutting head unit in cast iron.

This arrangement eliminates any possible problem encountered when assembling the mechanical parts; in addition the structure acquires extreme solidity which allows it to withstand the stresses that arise during machining.

The head drive components are housed in the rear part of the sawing machine; this has allowed openings to be made on the work table that allow offcuts to be evacuated downwards during cutting operations.



A (mm)	B (mm)	C (mm)	Kg
1030	1400	1570	472

**Technical characteristics:**

- Tungsten carbide  $\varnothing$  450 mm saw blade
- Oleopneumatic saw blade advance (adjustable blade exit speed – quick return)
- Cutting angle from 20°Lh to 20°Rh on horizontal axis
- Axis movement by DC motor and worm screw/scroll that guarantees high long term precision
- Integral guard kit around cutting area with automatic closing
- 2 pneumatic horizontal vices
- Set up for the installation of vertical vices
- Cutting lubrication by atomiser
- Set up for the installation of chips and fumes collectors
- Direct motor – tungsten carbide saw blade transmission
- Double working pressure servo-controlled in low pressure
- Working pressure: 7 bar
- Total dimensions 1030 x 1350 x 1630h mm, weight 475 Kg.
- Saw blade motor, three phase 3 HP (2,208 Kw) – 2800 rpm. eurovoltage 230/400V– 50Hz; 275/480V – 60 Hz.
- Saw blade holding spindle  $\varnothing$  32
- Work cycle air consumption 8 NI

**CHOPPER**

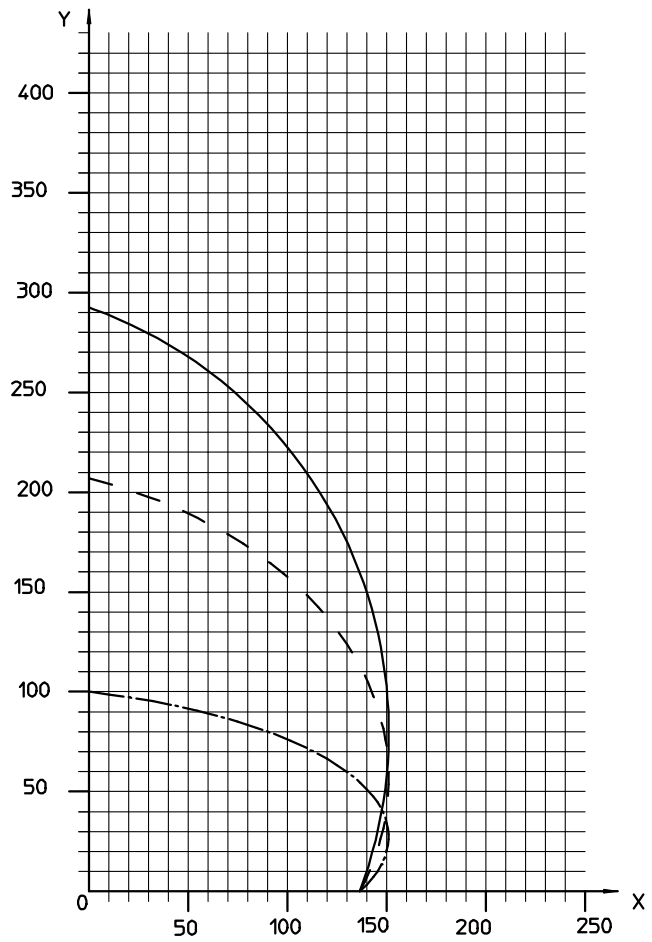
- Industrial type numerical control
- Easy to read back-lit alphanumeric display
- Angle setting positioning with cut counter function

## CUTTING DIAGRAMM

90° head (continuous line)

45° head (line point point line)

20° head (line point)



### STANDARD ACCESSORIES:

n°	Description
1	∅ 450 mm tungsten carbide saw blade
2	Horizontal vices
	Cutting area guard kit

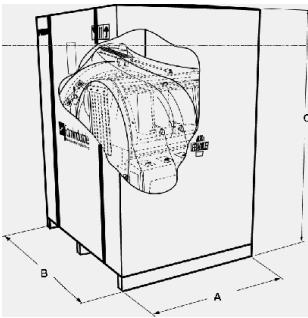
### OPTIONALS:

Description	Code
Set of clamping supports (profile type to be specified)	
Additional vice. (nr.1)	PR 25842
Discharge roller table with length stop: manual, displayed; controlled	
3 mt cutting length	PR 24201
4,2 mt cutting length	PR 25170
6 mt cutting length	PR 25213
Loading roller table with vertical rollers	
3 mt cutting length	PR 22077
4,2 mt cutting length	PR 25169
Additional roller for roller tables	PR 22166
Additional charge for special voltage and cycle (Standard motor 230/400V three-phase 50HZ)	ZG-79250
Additional charge for single-phase motor (Standard motor 230 single-phase 50HZ)	ZG-79127
Additional charge for plant version UL-CSA (the additional charge includes the plant with cables and special components)	ZG-79158

### PACKING

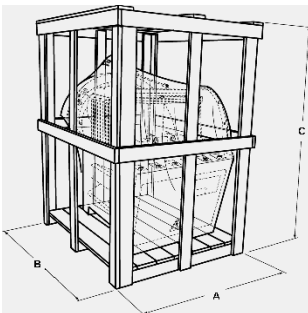
Description	Code
Carton packing	FF 75008
Crate packing	FC 75005

Carton pallet packing with heat-shrink plastic bag:



A (mm)	B (mm)	C (mm)	Kg
1130	1040	1600	500

Crate packing:



A (mm)	B (mm)	C (mm)	Kg
			530