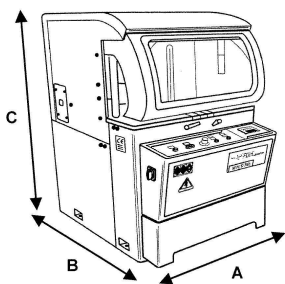


## SPRING 55 THETA



Single head sawing machine with  $\varnothing$  550 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
1106	1393	1563	790

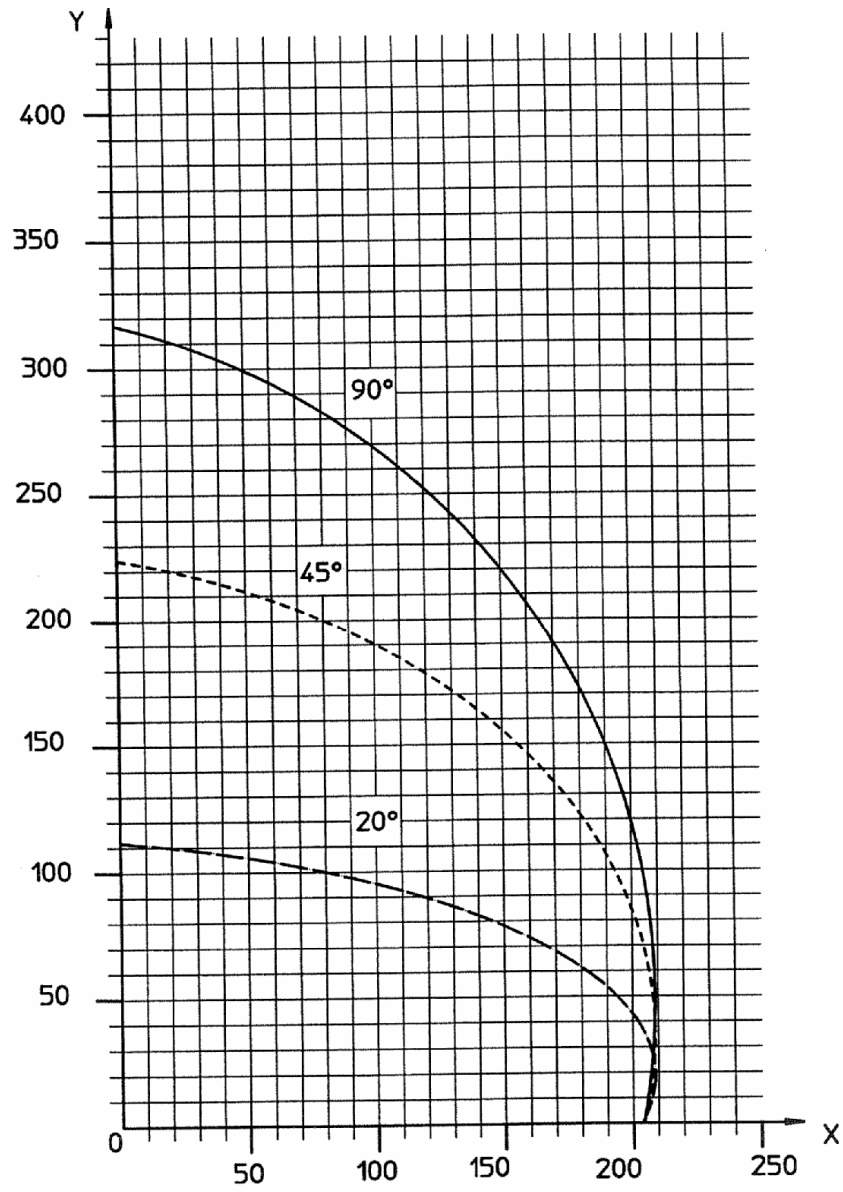
### **Technical characteristics:**

- Tungsten carbide  $\varnothing$  550 mm saw blade
- Oleopneumatic saw blade advance (adjustable blade exit speed – quick return)
- Adjustable end of stroke blade exit
- 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
- Axis position reading by encoder
- Integral guard kit with automatic closing
- 2 pneumatic telescopic horizontal vices and 2 vertical vices
- Microdrop cutting lubrication using pure oil
- Set up for the installation of chips and fumes collectors
- Chips collected in dedicated drawer
- Motor – tungsten carbide saw blade transmission by belt
- Double working pressure servo-controlled in low pressure
- Working pressure: 7 bar
- Total dimensions 1105 x 1395 x 1565h mm, weight 790 Kg.
- Saw blade motor, three phase 4 HP (2.94 Kw) – 2800 rpm. eurovoltage 230/400V– 50Hz; 275/480V – 60 Hz).
- Saw blade holding spindle  $\varnothing$  32
- Work cycle air consumption 13 NI

### **CHOPPER**

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

### CUTTING DIAGRAMM



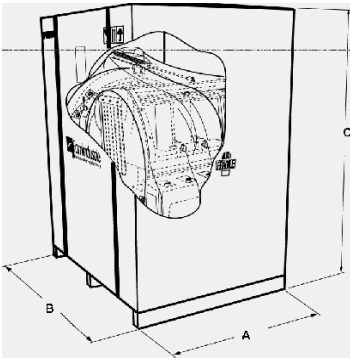
### STANDARD ACCESSORIES:

n°	Description:	Code
1	Ø 550 mm tungsten carbide saw blade	
	Micro-drop blade lubrication system using pure oil	
2	Vertical vices	
2	Telescopic horizontal vices	
1	Integral guard system	
	Compressed air gun with spiral hose (for machine cleaning)	
	Set up for forced evacuation of chips and fumes collectors	
	Carton pallet packing with heat-shrink plastic bag	

### OPTIONALS:

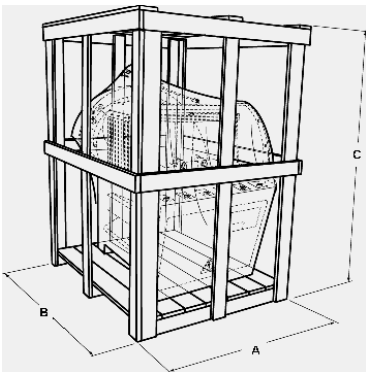
n°	Description	Code
1	Set of calmping supports (profile type to be specified)	On estimate
	Discharge roller table with length stop: manual, displayed, controlled	See roller table
1	3000mm cutting length	PR 24201
1	4200 mm cutting length	PR 25170
1	6000mm cutting length	PR 25213
	Loading roller table with vertical rollers	
1	3000mm cutting length	PR 22077
1	4200 mm cutting length	PR 25169
1	Additional roller for roller tables	PR 22166
	Additional charge for special voltage and cycles Standad motor 230/400V three-phase 50Hz	ZG 79250
	Additional charge for plant version UL-CSA (Tha additional charge includes the plant with cables and special components)	ZG 79158
	Carton packing	FF 74188
	Crate packing	FC 74189

Carton pallet packing with heat-shrink plastic bag:



A (mm)	B (mm)	C (mm)	Kg
1130	1040	1600	810

Crate packing:



A (mm)	B (mm)	C (mm)	Kg
			840