



Chapter 3

## 3.0 - TECHNICAL DATA

### 1. Working measures

Length .....	minimum	mm	160
	maximum	mm	*
Width .....	minimum	mm	30
	maximum	mm	250
Thickness .....	minimum	mm	10
	maximum	mm	50

\* Variable according to the infeed and outfeed belt length.

### 2. Working units

#### Profiling unit G

Cutter diameter .....	minimum	mm	160
	maximum	mm	200
	Tooths number (Z)		/
Cutter thickness .....		mm	70
Hole .....		mm	40
Shaft rotation (N) .....		rpm	9000

### 3. Motors power

Profiling unit .....	(2x7,50 kW)	kW	15,00
Change tool .....	(2x0,25 kW)	kW	0,50
Bench translation .....	(1x2,20 kW)	kW	2,20
Inlet-outlet conveyor belt .....	(2x1,10 kW)	kW	2,20
Central conveyor belt .....	(1x0,55 kW)	kW	0,55
Lower belt reference .....	(2x0,18 kW)	kW	0,36

-----  
Total power ..... kW 20,81

Feeding Tension ..... V/Hz 460/60

### 4. Air consumption

Working pressure .....		bar	6
Equalizer .....	[(2x 0,32) x 10]	l/min	6,4
Conveyor belt equalizer .....	[(2x 0,70) x 10]	l/min	14
Change tool shifting .....	[(2x 1,70) x 10]	l/min	34
Short pressure .....	[(2x 0,90) x 10]	l/min	18
Long pressure .....	[(2x 0,90) x 10]	l/min	18
Fence .....	[(2x 0,32) x 10]	l/min	6,4
Fence .....	[(2x 0,62) x 10]	l/min	12,4
Aspiration carter .....	[(1x 2,60) x 10]	l/min	26

-----  
Total air consumption (P) ..... l/min 135,2



Chapter 3

## 5. Dust extraction

### Profiling unit

Number .....	(n.)	2
External diameter .....	mm	120
Extraction speed .....	m/sec	30
Dust hood connection .....	m <sup>3</sup> /h	2440

## 6. Overall dimensions and Weight

Length .....	mm	8040
Width .....	mm	3275
Height .....	mm	2100