Changes: 230x280 A-CNC-R

2.8.2018 - change of parameter - weight 780 Kg





- Drive of machine is solved by worm gear box with maintenanceless oil filling. Three-phases electromotor with double winding, with a frequency converter for a fluent regulation of the blade speed from 20 to 100 m/min. Sturdy flange with shaft. Termoprotection of engine.
- The cooling system distributes cutting emulsion to the band guides.
- Massive base with a tank for chips. Base is designed for manipulation manipulation with machine by pallet truck and also by any hight lift truck.
- Indication of blade tightening and opening of the cover.
- Controlling 24 V.
- Machine is equipped with hydraulic system which controles all functions of that maschine. It pushes the arm to cut, pulls up the arm, opens and closes vices, moving of feeder.

Basic accessories of machine:

- Slide of cut pieces.
- Band saw blade.
- Set of spanners for common service.
- Manual instructions in eletronic form (CD).

Operating cycle:

The machine automatically grips the material in the main vice and the feeder moves into a position determined by the processor (i.e. the required length of the cut and a constant added length); the feeder-vice's jaw stays open. The arm moves into the cut; after cutting the material, it moves into the upper position. The feeder moves by the constant added length (exactly to a position determined by the processor) and the feeder jaw grips the material. The vice is released; the feeder moves the material into the zero position (by the required length). The main vice grips, the feeder-vice is released and the entire cycle is repeated. The operator only removes the sawn material.



Cutting parameters

Cutting parameters							
5		0°	45°	60°	∕_45°	60°	a a a a a a a a a a a a a a a a a a a
0	D [mm]	230	180	100	Х	Х	Х
	D [mm]	150*	110*	80*	Х	Х	Х
b	axb [mm]	280x210	180x150	100x70	Х	Х	280x130

* Recommended values. Recommendations of band blade producers are to be followed when choosing to cut full material, their dimensions are limited by available size of the teeth for the specific type of the band.

^o Cutting of the bundle withnout upper vice HP. HP = accesory for additional prie. The cutting parameters are limited when using.

ATTENTION: automatic cutting cycle: only for 90 degree (0 degree) and 45 degree. Semiautomatic cutting cycle (without material feeding into the cut and feeder device in a very left position): for angle cutting to the right 60 degrees.

the second free second s	A: One feed step of the material max	500	mm
1 2	A: One feed step of the material Min	3	mm
	A: Multiple feed	9999	mm
	B:The shortest rest in automatic cycle (c+d)	120+20	mm
		*	
SP State and	The smallest divisible diameter	5	mm
	The smallest divisible diameter in automatic	15	mm
	cycle		

* d = recommended value. The customer may change the value depending the weight or grade of the material.

performance parameters				
drive of the blade	kW	1,5		
drive of the hydraulic agregate	kW	0,85		
pump of the cooling emulsion	kW	0,09		
electroengine of the drive of the worm chip extractor-accesories	kW	0,12		
installed power of the machine Pi	kW	2,35		
electric input of the machine Ps	kW	3,84		
cutting speed – fluently set	m/min	20-100		
diameter of the blade	mm	2720x27x0,9		
electric connection		3x400V, 50 Hz, TN-S		

control			
Feed of the Frame to the cut	Hydraulically		
Feed of the material	Hydraulically		
Clamping of material	Hydraulically		
Angle turning	Manually		
Angle turning fixation	Manually		
Bend tension	Manually		
Cleaning of the blade	Pasive cleaning brush		

Parameters					L B	
Lenght	Width	Height		Height of the table	Weight	
[L]	[B]	[Hmin]	[Hmax]	[V]	(kg)	∖ <u></u> ⊣+,∦ _ ⊢ H <u>⊢</u> ,
2305	2260	1405	1780	800	780	