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OFFER

1003 DZB

SECOND-HAND AUTOMATIC CNC DRILLING & SAWING LINE

Year of construction: 2005



PURCHASED AS SEEN









AUTOMATIC CNC DRILLING & SAWING LINE
Model 1003 DZB

	System Configuration	
IC	Infeed conveyor (for bars up to 18 mt)	
IC-1	Carriage supporting structure	
IC-2	Carriage	
IC-3	Idle rolls rollerway	
OIC-1/2	Infeed conveyor extension for 18 mt long bars	
OIC-2/1	Infeed transfer tables with catches (15 mt – 5 arms – 8mt depth)	
OIC-4	Increase of rolls number	
WU	Working units	
WU-1	Monospindle horizontal drill heads (no. 2)	
WU-2	Monospindle vertical drill head	
WU-3	Hydraulic double jaw vice assembly	
OWU-2	Marking unit with 36 positions mod. MKT 36 N (1 set of marking characters included)	
OWU-4	Swarf conveyor for the drilling unit	
OWU-5	No. 3 tool-change systems (1 for each drilling head)	
OWU-5/1	Nr.15+3 ISO 45 connections for tool-change system (Weldon)	
OWU-5/2	Tapping device for tool-change system	
SU	Sawing unit	
SU-1	Band sawing unit mod. 1045 BH	
OSU-2	Saw mitering at +60°/-60°	
OSU-3	Vertical hold-downs for the saw	
OSU-X	Chip conveyor for the saw	
OC	Outfeed conveyor (for bars up to 18 mt)	
OC-1	Powered rollerway	
OOC-1/2	Outfeed conveyor extension for 18 mt long bars	
OOC-2/1	Outfeed transfer tables with catches (15 mt – 5 arms – 8mt depth)	



HY	<i>Hydraulic and pneumatic system</i>	
HY-1	<i>Hydraulic power pack</i>	
HY-2	<i>Pneumatic system</i>	
EL	<i>Electric system</i>	
EL-1	<i>On board distribution system</i>	
EL-2	<i>Electric cabinet</i>	
OEL-1	<i>Nr. 4 light-guard groups</i>	
CN	<i>Ficep ARIANNA control unit</i>	
TD	<i>Technical documentation</i>	
PA	<i>Standard painting</i>	
SP	<i>Safety protections</i>	
SP-1	<i>Protections on the machine (included)</i>	
SP-2	<i>Outside protections to be agreed as per layout</i>	

Main Technical Specifications

Web and flange drilling of one section only, according to the following specifications:

I-Beams (without camber)

- | | | |
|----------------|---------|------|
| • Web height | min. mm | 80 |
| | max. mm | 1015 |
| • Flange width | min. mm | 42 |
| | max. mm | 450 |

UNP Channels (web downwards)

- | | | |
|----------------|---------|------|
| • Web height | min. mm | 80 |
| | max. mm | 1015 |
| • Flange width | min. mm | 45 |
| | max. mm | 300 |

Angles

- | | | |
|---|---------|-------------|
| • Flange height (unequal flanges as well) | min. mm | 80 x 80 x 8 |
|---|---------|-------------|



	max. mm	250 x 250 x 40
Flats		
• Width	min. mm	100
	max. mm	1015
Square Tubes		
• Size	min. mm	80 x 80
	max. mm	450 x 450
Rectangular Tubes		
• Size	min. mm	80 x 40
	max. mm	1000 x 450
All Beams		
• Max. thickness that can be drilled	mm	50
• Max. length (can be extended with options)	mm	12000
• Minimum length to be transferred	mm	2500
Drilling Capacities		
• Vertical drill head	no.	1
• Horizontal drill heads	no.	2
• Spindles per vertical drill head	no.	1
• Spindles per horizontal drill head	no.	1
• Maximum hole diameter	mm	40
• Spindle rotation motor per head (a.c.)	kW	11
• Program controlled spindle rotation speed with continuous variation	RPM	180 – 2000
Band Sawing Unit model 1045 BH		
• Minimum sawing capacity at 90°	mm	80 x 10
• Maximum sawing capacity at 90°	mm	1015 x 450
• Sawing capacity at 60°	mm	350 x 350
• Sawing capacity at 45°	mm	620 x 450
• Band motor's power	kW	5.5
• Toothed band's size	mm	41 x 1.3
• Toothed band's speed	m/min.	20 – 100
Other Specifications		
• Maximum positioning weight	Kg	5400



• Maximum linear weight of the section	Kg/m	220
• Maximum carriage speed	m/min.	50
• Spindle positioning speed	m/min.	12
• Working level's height	mm	850

