

## **PNEUMATIC PUNCHING-MACHINE**

**MODEL : P - 20 - O**

**PROFILES : NEW TEC**

**SYSTEM : NEW TEC 150**

**ACCESSORIES : NEW TEC**

**CODE : PNZ8 (3190333)**



# **INSTALLATION, OPERATION AND MAINTENANCE MANUAL**

**TRANSLATION FROM ORIGINAL VERSION**

## INDEX

<b>INDEX</b>	<b>2</b>
<b>OVERHAUL RECORD</b>	<b>2</b>
<b>1. USE AND PRESERVATION OF THE MANUAL</b>	<b>3</b>
<b>2. MARKING DATA AND CHECKS TO BE CARRIED OUT ON DELIVERY</b>	<b>4</b>
2.1 MACHINE IDENTIFICATION PLATE	4
2.2 CE MARKING	4
<b>3. HANDLING</b>	<b>4</b>
3.1 HANDLING INSTRUCTIONS	5
3.2 NON-PERMISSIBLE HANDLING OPERATIONS	5
<b>4. ESSENTIAL OPERATIONS FOR THE MACHINE INSTALLMENT</b>	<b>6</b>
4.1 ANCHORAGE	6
4.2 ORIGINAL "OEMME" WORK-BENCH ANCHORAGE AND CONNECTIONS (OPTIONAL, NOT DELIVERED WITH THE MACHINE)	6
<b>5. MACHINE SAFETY</b>	<b>7</b>
<b>6. MACHINE APPLICATION</b>	<b>7</b>
6.1 AIM OF APPLICATION	8
6.2 PLACE OF WORK	8
6.3 NON-PERMISSIBLE OPERATION	8
6.4 CONTROL PROCEDURE AND DEVICES	8
6.5 STOPPING AND STANDING IDLE	8
<b>7. MACHINE TECHNICAL DESCRIPTION</b>	<b>8</b>
<b>8. OPERATION INSTRUCTIONS</b>	<b>8</b>
<b>9. MAINTENANCE INSTRUCTIONS</b>	<b>9</b>
9.1 MAINTENANCE PREPARATION	9
9.2 MAINTENANCE PROGRAM	9
9.3 EXTRAORDINARY MAINTENANCE	9
<b>10. INSTRUCTIONS FOR SOLVING ORDINARY PROBLEMS</b>	<b>9</b>
10.1 LIST OF THE MOST COMMON PROBLEMS	9
10.2 ASSISTANCE SERVICE	10
<b>11. TECHNICAL SPECIFICATIONS</b>	<b>11</b>
<b>12. WORKING, ACCESSORIES, SPARE PARTS AND USE</b>	<b>12</b>
12.1 PROFILES INTRODUCTION TABLE	15

## OVERHAUL RECORD

<i>Revision</i>	<i>Date</i>	<i>Modifications</i>	<i>Notes</i>
00	March 97	—	—

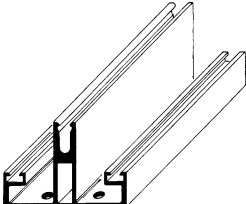
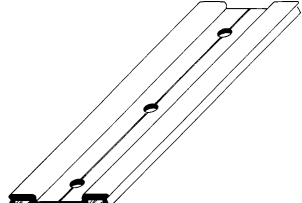
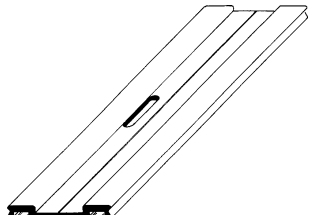
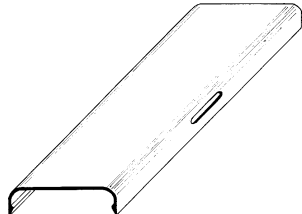
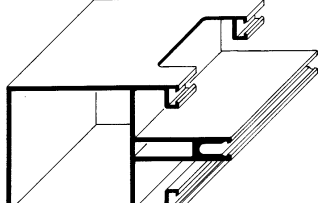
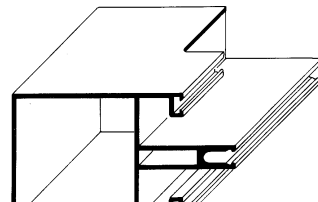
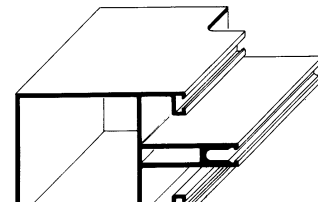
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## 11. TECHNICAL SPECIFICATIONS

Table

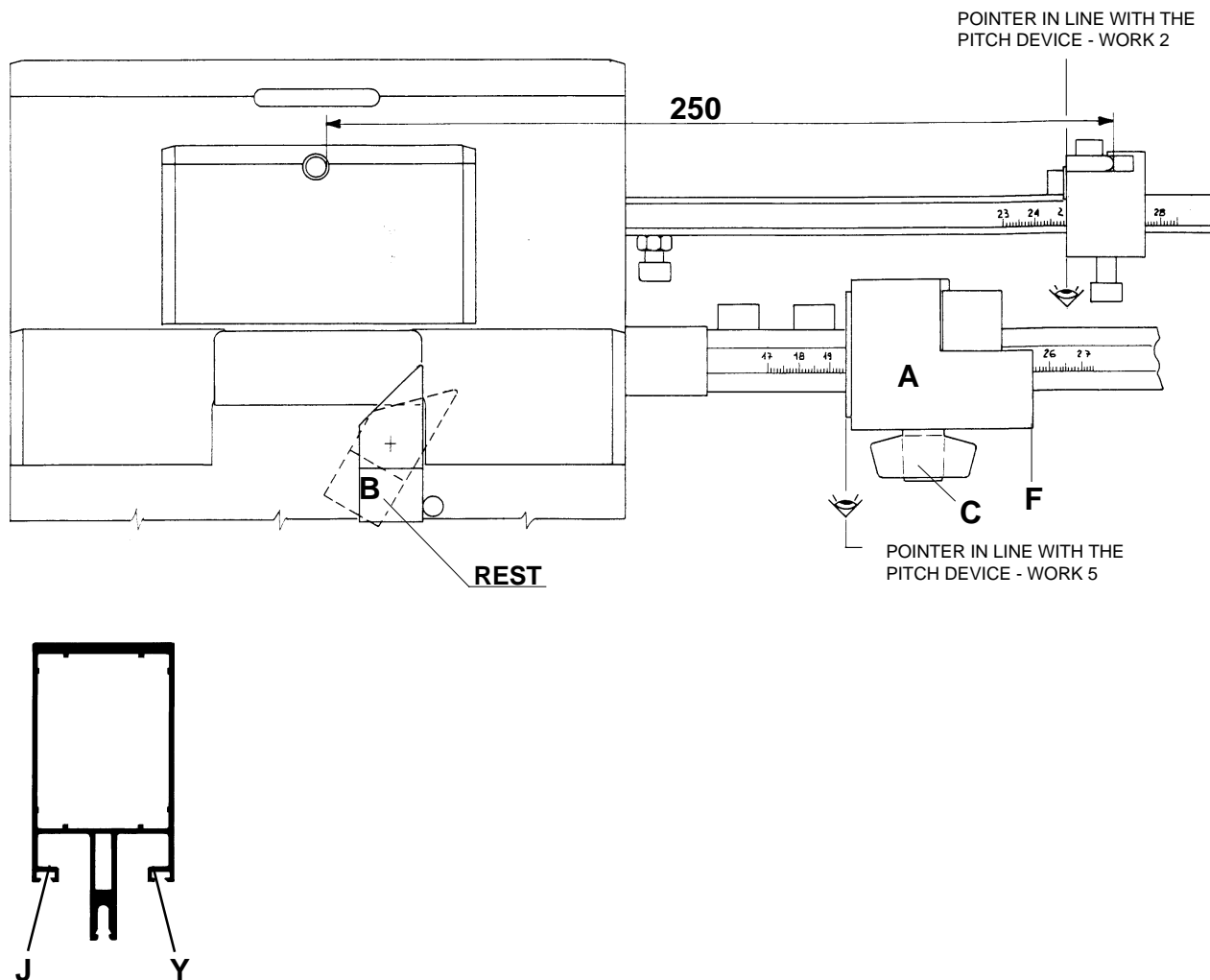
<b>Specification</b>	<b>Value</b>	<b>Unit</b>	<b>Note</b>
Working temperature	0 ÷ 40	°C	
Temperature of storage	-10 ÷ 50	°C	
Maximum altitude	2000	m.a.s.l.	
Storage humidity	80 @ 20° C	R.H. %	
Max. working environment humidity	70	R.H. %	
Working pressure	Min 6 - Max 7	bar	
Thrust	1950	kg	
Cycle	-	-	Double effect
Air consumption	1,6	NI/cycle	
Overall size	240x360x240	mm	Length x Width x Height
Weight	See plate	kg	Total machine

The noise level of the machine is less 70 dB, if installed on a work-bench.

<p><b>1</b></p> <p>HOLES Ø 6 FROM END.</p>		<p>PUNCH Ø 6 MATRIX</p> <p>CODE 23.61.52 CODE 23.54.68</p>	<p>B B</p>
<p><b>2</b></p> <p>HOLES Ø 7 ON PRESSURE.</p>		<p>PUNCH Ø 7 MATRIX</p> <p>CODE 24.02.01 CODE 23.54.75</p>	<p>B B</p>
<p><b>3</b></p> <p>WATER DRAINAGE SLOT 5 X 40.</p>		<p>PUNCH MATRIX</p> <p>CODE 23.54.71 CODE 23.54.78</p>	<p>B B</p>
<p><b>4</b></p> <p>WATER DRAINAGE SLOT 4 X 40.</p>		<p>PUNCH MATRIX</p> <p>CODE 23.54.70 CODE 23.54.97</p>	<p>B B</p>
<p><b>5</b></p> <p>NOTCHING ON MULLION 20 X 66.</p>		<p>PUNCH CENTRAL MATRIX RIGHT MATRIX LEFT MATRIX</p> <p>CODE 23.54.67 CODE 23.54.76 CODE 23.54.72 CODE 23.54.73</p>	<p>B B B B</p>
<p><b>6</b></p> <p>NOTCHING ON MULLION 20 X 63.</p>		<p>PUNCH CENTRAL MATRIX RIGHT MATRIX LEFT MATRIX</p> <p>CODE 23.54.67 CODE 23.54.76 CODE 23.54.72 CODE 23.54.73</p>	<p>B B B B</p>
<p><b>7</b></p> <p>NOTCHING ON MULLION 20 X 33.</p>		<p>PUNCH CENTRAL MATRIX RIGHT MATRIX LEFT MATRIX</p> <p>CODE 23.54.67 CODE 23.54.76 CODE 23.54.72 CODE 23.54.73</p>	<p>B B B B</p>

**ATTENTION: TO AVOID MISTAKES IN THE WORKINGS WITH BEATINGS TO BE REGISTERED, MAKE A CONTROL CUT AND CHECK THE RIGHT POSITION OF THE STOPS WITH THE TOOL.**

### WORKING DIAGRAM 2 AND 5



#### BLANKING OF MULLION (J)

TO MAKE BLANK IN SERIES AT THE SAME DISTANCE, ADJUST THE REST DEVICE (A) AT THE MEASURE THAT YOU WANT. AFTER THE FIRST BLANKING, PUT FORWARD THE PROFILE AND INSERT IN THE REST (F). COME BACK WITH THE PROFILE (THE PROFILE MUST JAM) AND PRESS THE PEDAL AT THE SAME TIME, BEFORE MAKING THE SECOND BLANKING. REPEAT THE OPERATIONS TO MAKE ALL OTHER BLANKINGS THAT YOU WANT.

#### BLANKING OF MULLION (Y)

**N.B.:** TAKE AWAY THE DEVICE (A) TURNING THE BUTTERFLY KNOB (C) OUT BEFORE BEGINNING THE WORK OF THE OPPOSITE SIDE.

TO MAKE A BLANKING (OR BLANKINGS) EXACTLY IN THE OPPOSITE SIDE OF THE ONE (-S) YOU MADE IN MULLION (J), INTRODUCE THE PROFILE WITH THE NEW WORKING SIDE (Y), INSERT THE REST (B) THE BLANKING OPPOSITE THE POSITION WHERE YOU WANT A NEW BLANKING. COMEBACK SLIGHTLY (THE PROFILE MUST JAM) AND MAKE THE BLANKING.

### WORKING DIAGRAMS 6 AND 7

