



COMMERCIO MACCHINE UTENSILI

20050 SOVICO (MI) - Via per Cascina Greppi, 81
Tel.: 039.2011710 - Fax: 039.2011711 - E-mail: info@comaf.it

PUNZONATRICI / PUNCHING MACHINES

CODICE INTERNO Internal Code	DESCRIZIONE MACCHINA Description
4959	MURATEC-WIEDEMANN MOD. VECTRUM 3046 ALPHA

Caratteristiche tecniche:

Campo di lavoro / Working area	mm	1250x2000 RIPOSIZIONABILE
Potenza di lavoro / Working strenght	ton	30
Control / Control	tipo / type	FANUC MOD. 16-P
Stazioni / Turret stations	N.	44 (4 INDEX)
Max n. colpi / Max strokes number	N./min	1000
Massimo spessore / Max thickness	mm	6.35
Corsa punzone programmabile / Adjustable punch stroke	mm	-6 / +27,3
Velocità mazza / Ram speed	mm/sec	50-600
Distanza matrice-torretta superiore / Die-upper turret distance	mm	22.3
Anno / Production year		1998

Altro / Other:

IDRAULICA

**POSSIBILE USARE LAMIERA PROF. 1525mm CON ROTAZIONE MANUALE /
POSSIBILITY TO USE 1525mm METAL SHEET DEPTH IF MANUAL ROTATION**

MAX PESO LAMIERA: 150Kg

INCAVO 1350mm

PORTAPUNZONI MOD. VULCAN

PORTAMATRICI MOD. 114

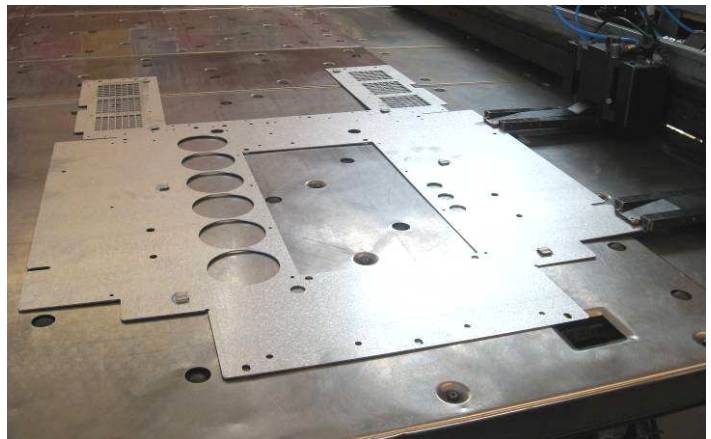
5900x4200XH2500mm

15.5 ton



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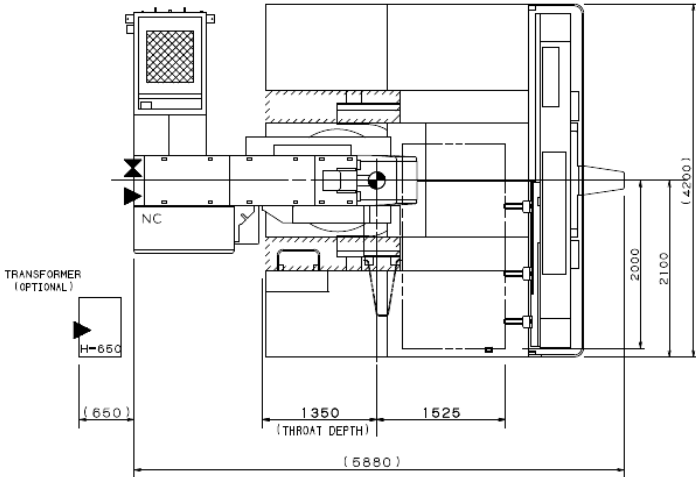


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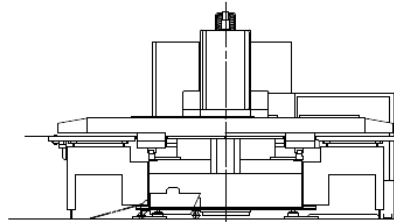
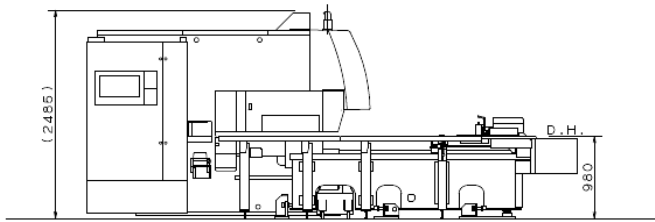
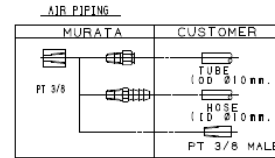
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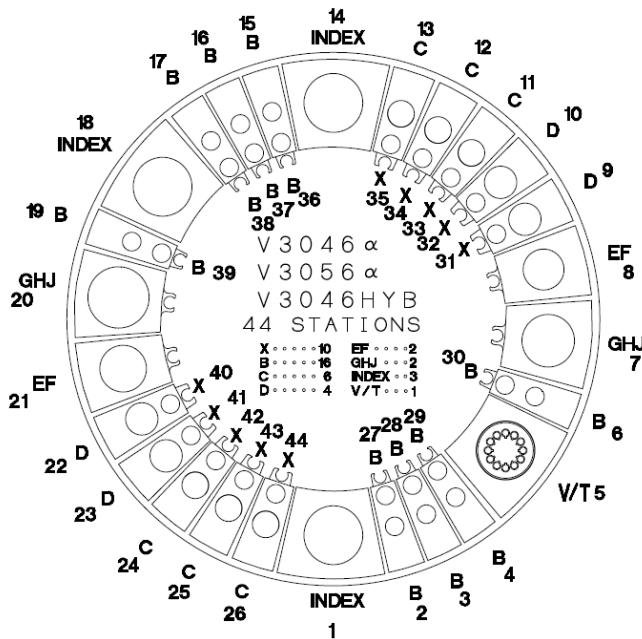


1. POWER SUPPLY : 3 phase 50/60Hz±1Hz 200/220V±10%
 CAPACITY : 39KVA
 GROUNDING RESISTANCE : LESS THAN 100 ohm
2. PNEUMATIC SUPPLY : PRESSURE MORE THAN 5.0kg/cm² (490KPa)
 FLOW : 0.10m³/min.
 PIPING : REFER BELOW
3. SUPPLY POINT : PRIMARY POWER : ▲
 PRIMARY AIR : ✕
4. // HATCHED AREA IS TABLE WORKING RANGE

NOTE:
 2m Cable to be attached for connection
 between transformer and machine.



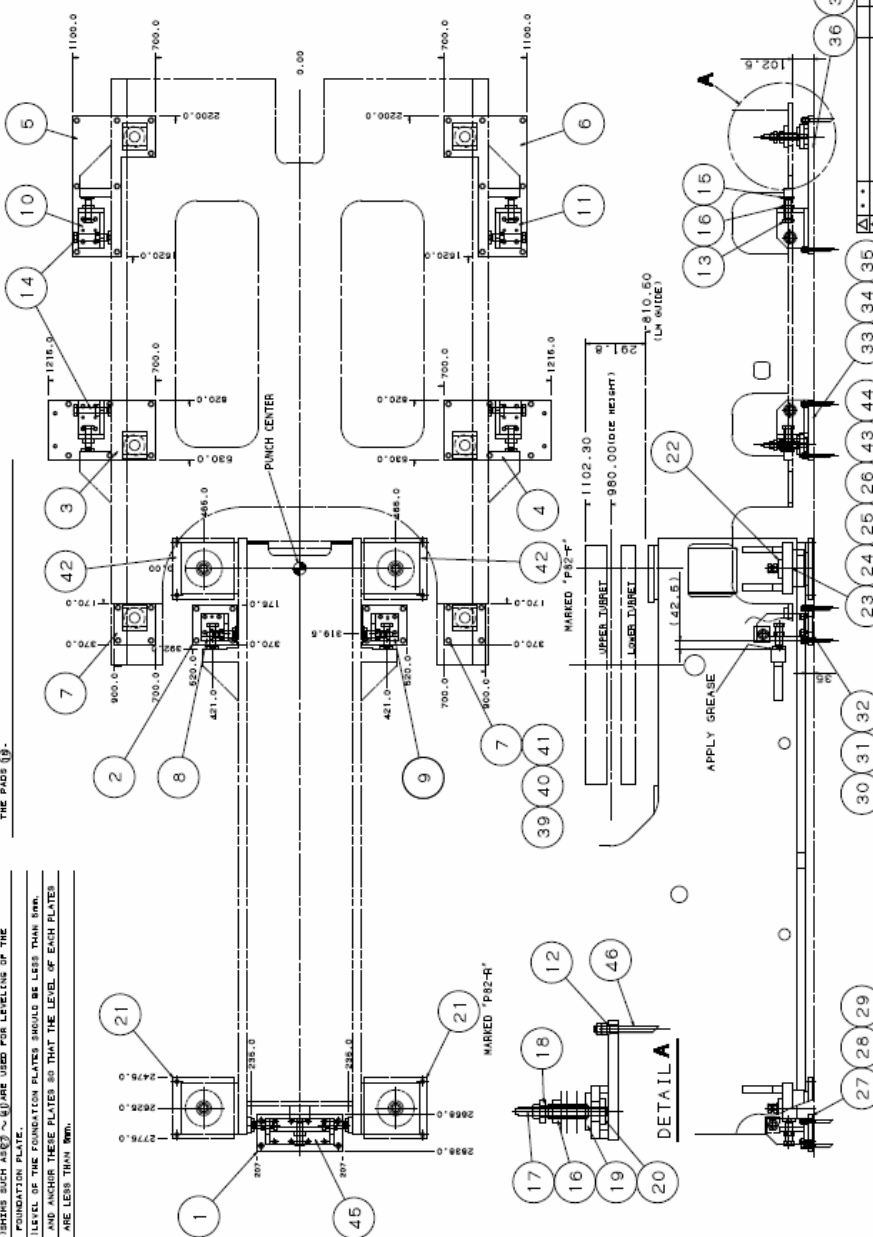
(9809 82066)



Date	Ver	Scale	No.	SEPT026801
Check	••	MESSRS	V3-Series 44st. 3IT.1VT	
Draw	1997-2-23	H.A.	M	MURATA MACHINERY LTD.

PRECAUTIONS FOR INSTALLATION

- 1) PREPARE CONCRETE FOR FOUNDATION BASE, WHICH WILL GIVE ADEQUATE STRENGTH AT LEAST 21 DAYS FROM PREPARATION OF IT.
- 2) THE DEPTH OF CONCRETE SHOULD BE MORE THAN 150MM.
- 3) THE FOUNDATION SHOULD HAVE THE ANCHOR-STRENGTH OF STAINLESS STEEL.
- 4) THE LEVEL AND PLATNESS OF CONCRETE FLOOR SHOULD BE WITHIN 2MM OF LEVEL.
- 5) THE DIMENSIONS IN THE FLOOR PLAN SHOW THE DISTANCE FROM THE PUNCH CENTER OUT TRACK.
- 6) DIMENSIONAL TOLERANCE OF THE FOUNDATION PLAN SHOULD BE WITHIN 0.5MM.
- 7) SHIMS SUCH AS ①-④ ARE USED FOR LEVELING OF THE FOUNDATION PLATE.
- 8) LEVEL OF THE FOUNDATION PLATES SHOULD BE LESS THAN 5MM, AND ANCHOR THESE PLATES SO THAT THE LEVEL OF EACH PLATES ARE LESS THAN 5MM.



12) THE TABLE BASE SHOULD BE INSTALLED SO THAT THE SPAS IN BETWEEN THE FILLER TABLE AND THE BOTH SIDER TABLES OF CARTRIDGE ARE TO BE EQUAL IN RELATION TO 3-AXIS, AND THE GAP BETWEEN THE FILLER TABLE AND THE CENTER TABLE ARE APPROX. 5MM TO 7-AXIS.

13) THE TABLE BASE HEIGHT SHOULD BE ADJUSTED WITH 8 LEVELING SCREWS SO THAT THE DISTANCE BETWEEN THE SURFACE OF THE Y-AXIS LA GUIDE AND THE UPPER SURFACE OF THE UPPER TUBRET IS WITHIN 201.850.1MM.

14) AFTER LEVELING, A FEEL GAUGE SHOULD BE INSTALLED ON THE CROSS ALDICE. SURFACE MACHINED IN FRONT OF THE PRESS FRAME.

15) AFTER CONFIRMING THE LEVEL OF THE TABLE BASE, TIGHTEN ALL NUTS AND BOLTS TO LOCK THE MACHINE.

8) THE ANCHOR BOLTS SHOULD BE FASTENED WITH THE CHEMICAL ANCHOR. REFER TO THE INSTRUCTION MANUAL OF THE ANCHOR.

9) DIMENSIONS FROM THE FLOOR LINE TO THE 800 HEIGHT SHOULD BE WITHIN 2MM AS STANDARD.

10) SHIMS ①-④ ARE USED FOR ADJUSTMENT OF THE LEVELING OF THE PRESS FRAME SO THAT LEVEL OF X AND Y-AXIS SURFACE OF THE UPPER TUBRET.

11) AFTER LEVELING, THE PRESS FRAME IS GUIDED IN THE Z-Y DIRECTION WITH ⑤, ⑥, ⑦, ⑧ AND TO PREVENT THE FRAME FROM SLIPPING, AND BRIDGE SHOULD BE APPLIED IN BETWEEN THE PRESS FRAME AND THE PADS ⑨.

* SEND IN ADVANCE

ITEM NO.	PARTS NO.	PARTS NAME	TYPE	QTY
1	F82-83010-60	FOUNDATION PLATE(I)	M16X40	4
2	F37-83030-60	FOUNDATION PLATE(II)	M16X40	2
3	F37-83030-60	FOUNDATION PLATE(II)	M16X40	2
4	F37-83030-60	FOUNDATION PLATE(II)	M16X40	2
5	F37-83030-60	FOUNDATION PLATE(II)	M16X40	2
6	F37-83030-60	FOUNDATION PLATE(II)	M16X40	2
7	F37-83030-60	FOUNDATION PLATE(II)	M16X40	2
8	F22-83031-60	WORKING PLATE(I)	M16X40	4
9	F22-83041-60	WORKING PLATE(II)	M16X40	2
10	F37-83100-60	WORKING PLATE(III)	M16X40	2
11	F37-83110-60	WORKING PLATE(IV)	M16X40	2
12	F22-83230-60	COLLAR	M16X40	4
13	F22-83050-60	LEADING SCREW BOLT	M16X40	4
14	F37-83120-60	BOLT	M16X40	4
15	F22-83060-60	LEADING SCREW PHE	M16X40	15
16	F05-83190-60	LEADING SCREW NUT	M20	21
17	F05-83070-62	BOLT	M20	6
18	F05-83180-60	LEADING SCREW BOLT	M20	6
19	F05-83200-60	NUT	M20	6
20	F01-21900-61	NUT	M20	6
21	F82-83070-60	INK MOUNT ASSY	M20	2
22	P12-63110-62	WANT BUSHING	M20	4
23	P12-63013-60	SHIM 9.0	M20	8
24	F12-63010-60	SHIM 1.6	M20	20
25	F12-63011-60	SHIM 1.0	M20	8
26	F12-63012-60	SHIM 0.5	M20	8
27	F82-83090-60	SHIM(TO-6)	M20	4
28	F82-83100-60	SHIM(TO-6)	M20	4
29	F37-83100-60	SHIM(TO-6)	M20	8
30	F37-83120-60	SHIM (5)	M20	8
31	F37-83120-60	SHIM (6)	M20	8
32	F37-83180-60	SHIM (7)	M20	12
33	F37-83190-60	SHIM (7)	M20	8
34	F37-83200-60	SHIM (8)	M20	8
35	F37-83210-60	SHIM (9)	M20	12
36	F37-83220-60	SHIM (10)	M20	8
37	F37-83230-60	SHIM (11)	M20	8
38	F37-83240-60	SHIM (12)	M20	12
39	F37-83270-60	SHIM	M20	12
40	F37-83290-60	SHIM	M20	8
41	F37-83300-60	SHIM	M20	8
42	F82-83080-60	INK MOUNT ASSY	M20	2
43	F37-83320-60	SHIM 0.1	M20	4
44	F37-83330-60	SHIM 0.05	M20	4
45	F82-83020-60	WORKING PLATE	M16X40	1
46	Z05-35149-10	HEAVY ANCHOR P-15	M16	8
47	Z05-35149-10	HEAVY ANCHOR P-15	M16	8

ITEM NO.	PARTS NO.	PARTS NAME	TYPE	QTY
36	F37-83220-60	SHIM (10)	M20	8
37	F37-83230-60	SHIM (11)	M20	8
38	F37-83240-60	SHIM (12)	M20	12
39	F37-83270-60	SHIM	M20	12
40	F37-83290-60	SHIM	M20	8
41	F37-83300-60	SHIM	M20	8
42	F82-83080-60	INK MOUNT ASSY	M20	2
43	F37-83320-60	SHIM 0.1	M20	4
44	F37-83330-60	SHIM 0.05	M20	4
45	F82-83020-60	WORKING PLATE	M16X40	1
46	Z05-35149-10	HEAVY ANCHOR P-15	M16	8
47	Z05-35149-10	HEAVY ANCHOR P-15	M16	8

FOUNDATION

1/10

PSD-G0652-10

井田機械株式会社