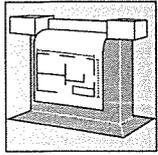


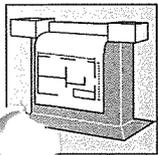
FOUNDATION PLAN

5-350-94-4040



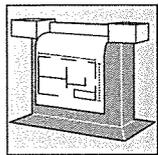
INFO

5-350-94-5150



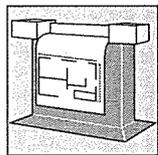
SETTING UP PLAN

5-350-94-5760



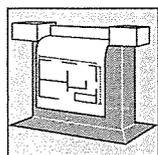
MACHINE EQUIPMENT PLAN

9-817-08-9581



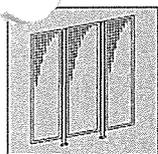
EQUIPMENT

9-817-09-4820



GENERAL OUTLINE

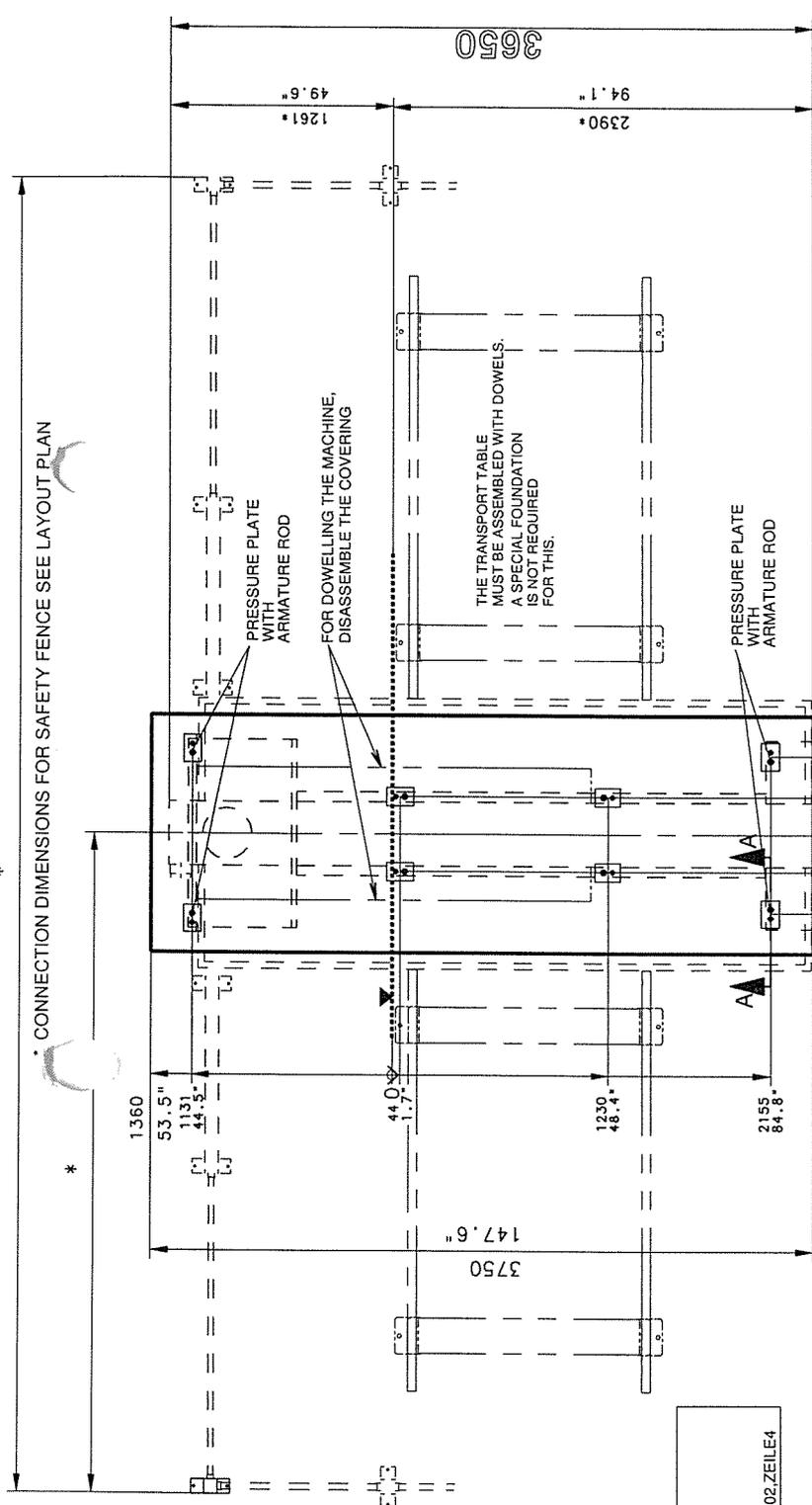
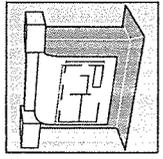
9-817-09-5860



5.6.1

Protective fence
Protected door

9-081-56-1030



* CONNECTION DIMENSIONS FOR SAFETY FENCE SEE LAYOUT PLAN

FLOOR SURFACE FOR MAT INFORMATION REFER TO SHEET DIN-18202, ZEILE 4

- Schnitt A-A -
M %

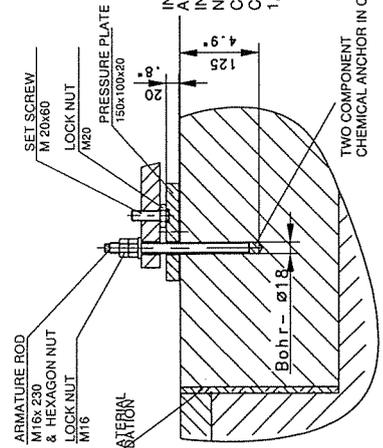
10MM 0.39% EXPANSION JOINTS AROUND THE STRIPPED BOUNDS

DEPTH ACCORDING TO NATURE OF GROUND FLOOR LOAD APPROX. 200N/CM2 AREA OF THE MACHINE BEDS MIN. CONCRETE THICKNESS = 200 CONCRETE QUALITY C25/30 XC1 CAPABLE OF BEARING THE FOUNDATION HAS TO BE AT GROUND LEVEL EVENNESS OF FLOOR: TOLERANCE = +/- 10MM +/- 0,4"

IN CASE OF FLEXIBLE AND UNIFORM UNDERGROUND, WE RECOMMEND STRIP FOUNDATIONS

THE CUSTOMER MUST DESIGN THE FOUNDATION WEEKE SHALL EXCEPT NO LIABILITY IN THIS REGARD.

SUBJECT TO CHANGE

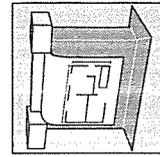


TAWA DOOR
OPTIMAT BHX 500
0-250-14-2439



5-350-94-4040
FOUNDATION PLAN

Documentation D.9



5-350-94-5150
INFO

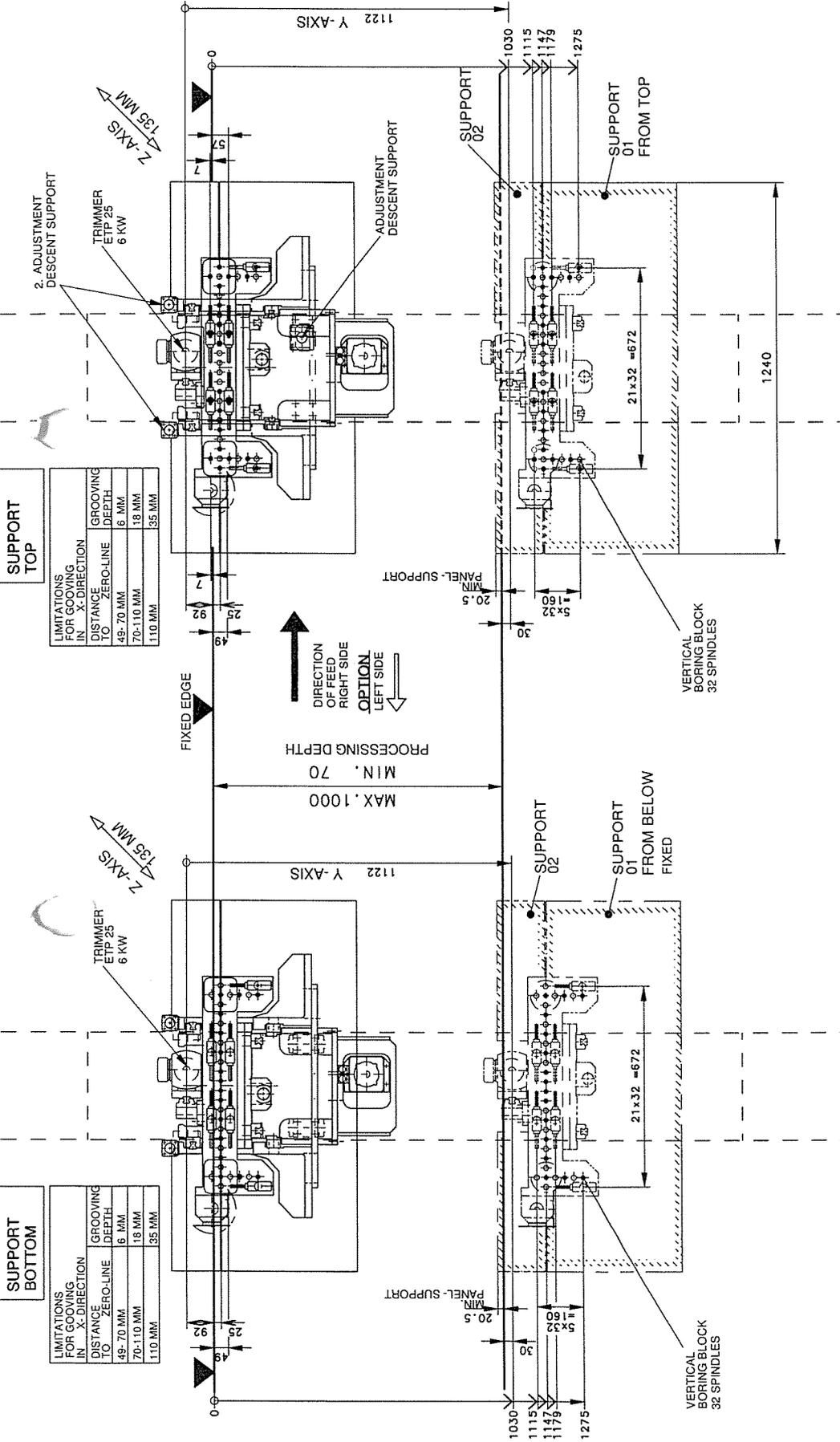
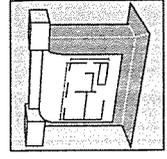
Documentation D.9

SPEED	X -AXIS	CLAMPS	138 M/MIN
	Y -AXIS		80 M/MIN
	Z -AXIS		50 M/MIN
	Z -AXIS	PRESSURE PLATE	27 M/MIN
PNEUMATIC	STANDARD COMPRESSED AIR QUALITY ACCORDING TO ISO 8573-1 QUALITY CLASS 4 IN CASE OF WATER CONTENT QUALITY CLASS 3 IN CASE OF TOTAL OIL CONTENT AND SOLID IMPURITIES		
	CONNECTION		R 1"
DUST COLLECTION	AIR PRESSURE IN SUPPLY LINE MIN.	7 BAR	100 PSI
	COMPRESSED AIR CONSUMPTION		CA.2500 NL/MIN
ATTENTION WEIGHT RELIEF AM EXTRACTION HOSE	EXTRACTION PORT :		Ø 280 HEIGHT APPROX. 2550
	TOTAL DUST EXTRACTION CAPACITY		MIN. 5500 M3/H
ELECTRIC/ELECTRONIC	AIR VELOCITY	MIN.25 M/SEC	
	LOSS OF PRESSURE	MIN.2500 PA	
THE MACHINE IS NOT DESIGNED FOR A CONNECTION TO A NETWORK WITH FAULT CURRENT PROTECTION SWITCH	PROTECTION MODE		IP53
	OPERATING VOLTAGE		3* 415 VOLT, r5%
	FREQUENCY		50 Hz
	NOMINAL CURRENT APPROX.	35 A	
	RECOMMENDED BACK-UP FUSE	50 A	
	TOTAL CONNECTED LOAD APPROX.	19,5 KW	
LOADING MEASURE	LENGTH CA.		* MM
	WIDTH CA.		* MM
	HEIGHT APPROX. :		* MM
FOUNDATION	WEIGHT OF MACHINE APPROX	5500KG	
	SURFACE PRESSURE IN THE AREA OF THE POINTS OF SUPPORT.	1,20 N/MM2	
	THICKNESS OF CONCRETE MIN.	200 MM 7,9"	
	CONCRETE QUALITY C25/30 XC1 CAPABLE OF BEARING PRESSURE AND TENSION		
	THE FOUNDATION HAS TO BE AT GROUND LEVEL		
FOR THE ROOM CONDITIONS DURING MACHINE OPERATION PLEASE SEE OUR SAFETY REGULATIONS			

SUBJECT TO CHANGE

TAWA DOOR
OPTIMAT BHX 500
0-250-14-2439





SUPPORT TOP

LIMITATIONS FOR GOOVING IN X-DIRECTION	
DISTANCE TO ZERO-LINE	6 MM
GROOVING DEPTH	18 MM
70-110 MM	35 MM

SUPPORT BOTTOM

LIMITATIONS FOR GOOVING IN X-DIRECTION	
DISTANCE TO ZERO-LINE	6 MM
GROOVING DEPTH	18 MM
70-110 MM	35 MM

SUBJECT TO CHANGE

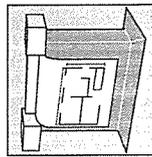
- ✦ BORING SPINDLE
- ANTICLOCK-WISE ROTATION

EQUIPMENT SALES NO.: 0025

STAND: 02/2007

TAWA DOOR
 OPTIMAT BHX 500
 0-250-14-2439



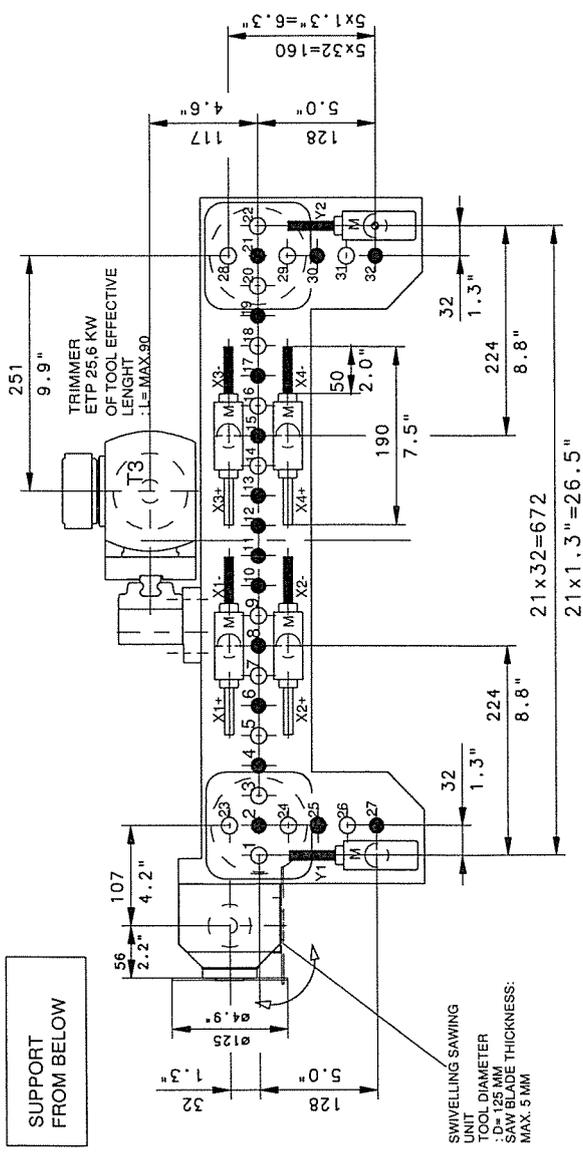
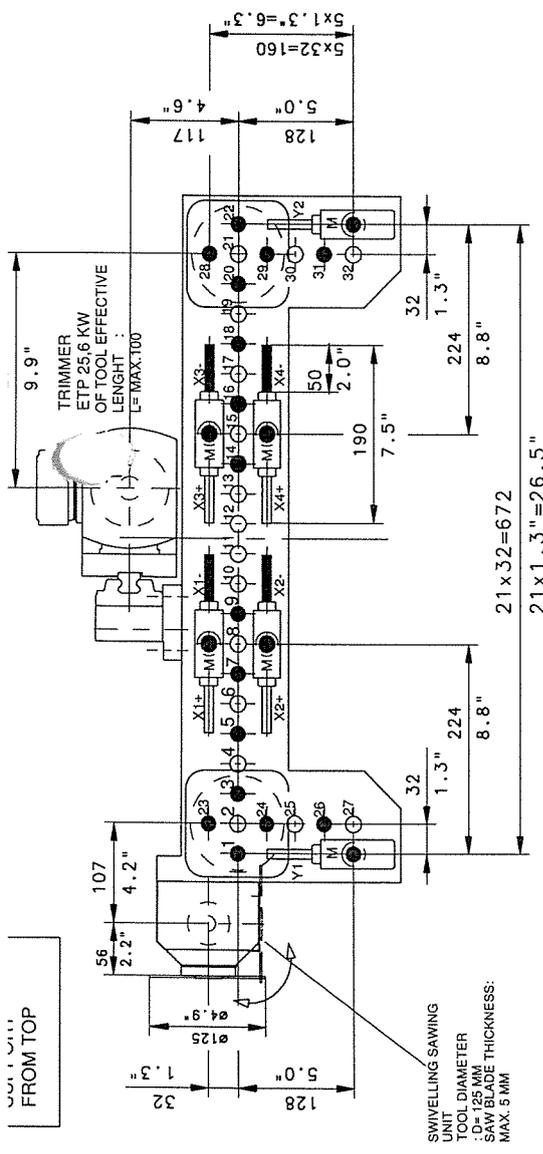


9-817-09-4820
EQUIPMENT
Documentation D.9

VERT. BORING SPINDLE		HORIZ. BORING SPINDLE	
1	T10	17	T26
2	T11	18	T27
3	T12	19	T28
4	T13	20	T29
5	T14	21	T30
6	T15	22	T31
7	T16	23	T32
8	T17	24	T33
9	T18	25	T34
10	T19	26	T35
11	T20	27	T36
12	T21	28	T37
13	T22	29	T38
14	T23	30	T39
15	T24	31	T105
16	T25	32	T107
TRIMMING UNIT			
T1	TOOL SHANK DIAMETER : D= 25H7 MM OF TOOL EFFECTIVE LENGHT : L= MAX.100		

DRILL	TOOL SHANK DIAMETER : D= 10 MM
DRILL	TOTAL TOOL LENGTH : L= 70 MM
CHUCK	23.28 = DRILL MAX. Ø 35 MM
CHUCK	1-22.24-27-29-32 = DRILL MAX. Ø 23 MM
CHUCK	HORIZ. = DRILL MAX. Ø 15 MM
MAXIMUM ROTATIONAL SPEED : 7500 1/MIN	

VERT. BORING SPINDLE		HORIZ. BORING SPINDLE	
1	T60	17	T76
2	T61	18	T77
3	T62	19	T78
4	T63	20	T79
5	T64	21	T80
6	T65	22	T81
7	T66	23	T82
8	T67	24	T83
9	T68	25	T84
10	T69	26	T85
11	T70	27	T86
12	T71	28	T87
13	T72	29	T88
14	T73	30	T89
15	T74	31	T100
16	T75	32	T101
TRIMMING UNIT			
T3	TOOL SHANK DIAMETER : D= 25H7 MM OF TOOL EFFECTIVE LENGHT : L= MAX.90		

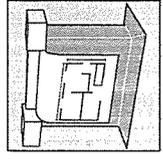


● BORING SPINDLE
— ANTICLOCK-
WISE ROTA- TION

SUBJECT TO CHANGE

TAWA DOOR
OPTIMAT BHX 500
0-250-14-2439

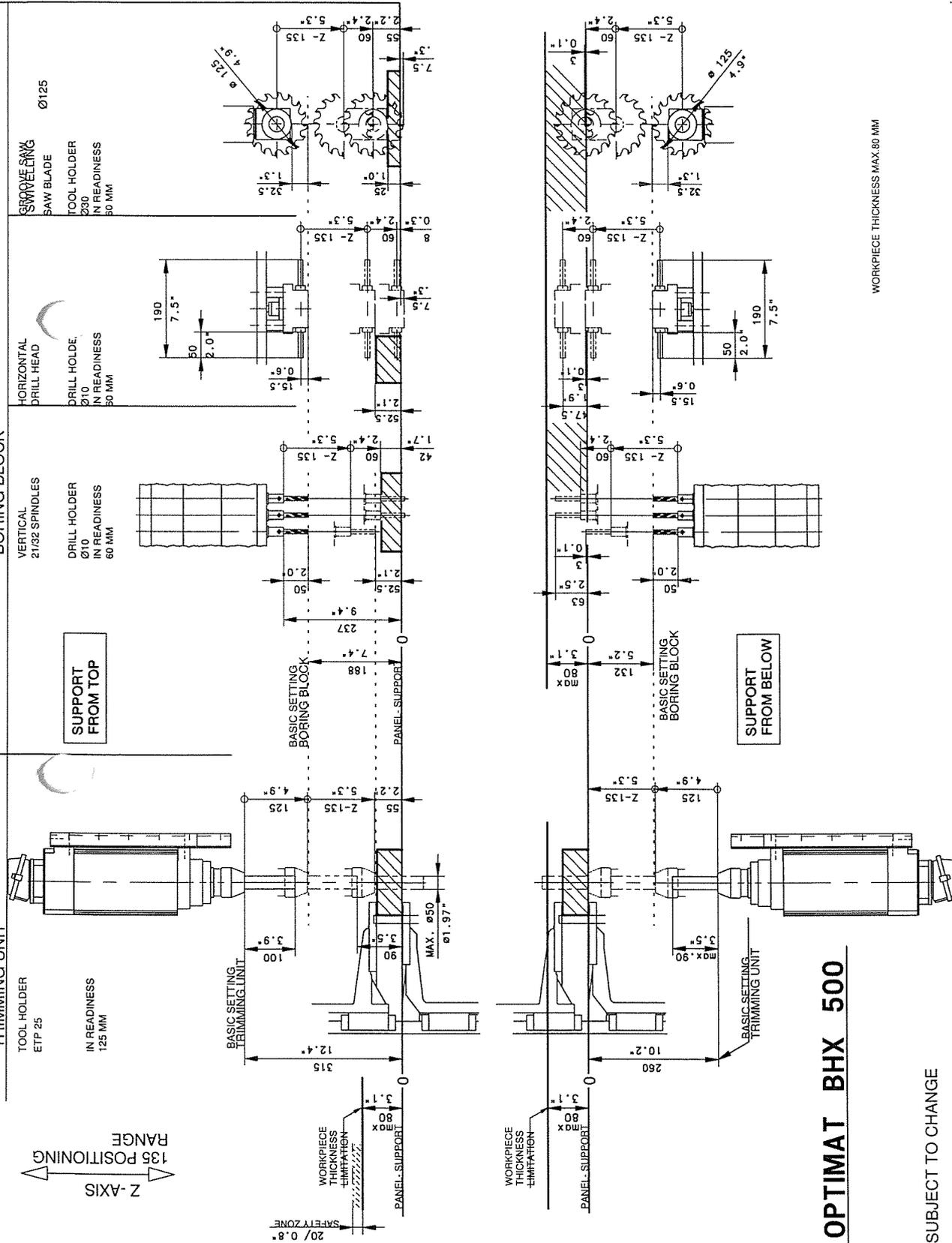




9-817-09-5860

GENERAL OUTLINE

Documentation D.9

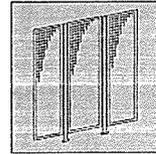


OPTIMAT BHX 500

SUBJECT TO CHANGE

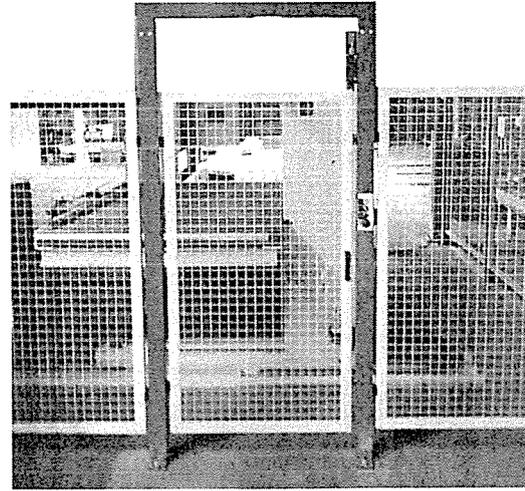
TAWA DOOR
OPTIMAT BHX 500
0-250-14-2439





The protective fence prevents unauthorized access to danger zones.

Features	Values
Fence components	
System width	300 ... 2000 mm
System height	1800 / 2200 mm
Door components	
System width	750 ... 1250 mm
System height	1800 / 2200 mm
Door clear width	670 ... 1170 mm
Door clear height	2120 mm



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Contents:

1	Connection	2
2	Operation	2
2.1	First commissioning.....	2