CHECKLIST

INSPECT COMPONENTS PRIOR TO ERECTION	
INSPECT TOWER PRIOR TO USE	
TOWER UPRIGHT AND LEVEL	
CASTORS LOCKED/LEGS CORRECTLY ADJUSTED	
GUARDRAILS FITTED	
DIAGONAL BRACES FITTED	
STABILISERS/OUTRIGGERS FITTED AS SPECIFIED	
PLATFORMS LOCATED & WINDLOCKS ON	
TOEBOARDS LOCATED	
REFER TO THIS CHECKLIST BEFORE USING EACH TI	ME

FITTING TOEBOARDS

Lock yellow plastic toeboard clips over rung and deck claw as shown. Position as (A) on right hand deck claw. On other side of the working platform, position the clip as (B). Place 25mm thick toeboards into slots in toeboard clips as shown.



INTRODUCTION

This BOSS User Guide is designed to provide you with step by step instructions to ensure your system is erected easily and safely using the 3T (Through the Trapdoor) method. Before assembly, please read the Safety Notes carefully. The law requires that operatives must be competent and qualified to erect the tower. If another person is involved, please pass on these instructions.

For further information on the safe use of Mobile Access Towers consult the PASMA Guide or EN 1298.

TOWER COMPONENTS



STABILITY: STABILISERS & OUTRIGGERS

Stabilisers are used when the tower is to be used occasionally, frequent movement will require Outriggers. Attach one stabiliser to each corner of the tower at approx. 45 degrees. Secure top clamp below castings, bottom clamp as low as possible. If Clamp is obstructed, release and move. Ensure clamps are rigidly fixed to limit movement.

With SP10 and SP15 Stabilisers, extend telescopic leg until in contact with ground.

When moving, check for obstructions and lock feet about 25mm off the ground, unlock castors, and move. After moving, check all castors are in ground contact and lock Stabiliser feet.



...have you been trained? The law requires that personnel erecting towers must be competent and qualified to do so. PASMA accredited Mobile Access Tower training available at HSS Training Solutions 0845 766 7799



...any comments? If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below e-mail: safety@hss.com

©HSS Hire Service Group Ltd 2024 No. 508/06 HSS Hire, Building Two, Think Park, Mosley Road,

Trafford Park, M17 1FQ

Web Site: www.hss.com

QUANTITY SCHEDULE BOSS 1450 LADDERSPAN TO EN1004

1.45 m X 1.8 m INTERNAL/EXTERNAL USE					INTER	NAL US	SE ONLY			
BOSS 1450 WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT	4.2 m 2.2 m	5.2 m 3.2 m	6.2 m 4.2 m	7.2 m 5.2 m	8.2 m 6.2 m	9.2 m 7.2 m	10.2 m 8.2 m	11.2 m 9.2 m	12.2 m 10.2 m	Additional Lift 1.0 m
1.8 m SIDE TOEBOARD	2	2	2	2	2	2	2	2	2	
1.2 m END TOEBOARD	2	2	2	2	2	2	2	2	2	
TOEBOARD HOLDER	4	4	4	4	4	4	4	4	4	
1.8 m FIXED DECK	1	1	1	1	1	1	1	1	1	
1.8 m TRAPDOOR DECK		2	2	3	3	4	4	5	5	1
1.8 m HORIZONTAL BRACE (RED)	6	10	10	14	14	18	18	22	22	4
2.1 m DIAGONAL BRACE (BLUE)	4	6	8	10	12	14	16	18	20	2
1.45 m 2-RUNG LADDER FRAME	1		1		1		1		1	1
1.45 m 2-RUNG SPAN FRAME	1		1		1		1		1	1
1.45 m 4-RUNG LADDER FRAME	1	2	2	3	3	4	4	5	5	
1.45 m 4-RUNG SPAN FRAME	1	2	2	3	3	4	4	5	5	
150 mm CASTOR WHEEL	4	4	4	4	4	4	4	4	4	
ADJUSTABLE LEG	4	4	4	4	4	4	4	4	4	
SP7 TELESCOPIC STABILISER	4	4	4	А	4	4	4	4	4	
TOWER (SELE-WEIGHT) kg	103	174	188	223	237	272	286	320	334	34
1.45 m X 2.5 m	(2.5 m INTERNAL/EXTERNAL USE INTERNAL USE					SE ONLY				
			1.0		1				1	-
LADDERSPAN PLATFORM HEIGHT	4.2 m 2.2 m	5.2 m 3.2 m	6.2 m 4.2 m	7.2 m 5.2 m	8.2 m 6.2 m	9.2 m 7.2 m	10.2 m 8.2 m	11.2 m 9.2 m	12.2 m 1 0.2 m	Additional Lift 1.0 m
LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD	4.2 m 2.2 m	5.2 m 3.2 m 2	6.2 m 4.2 m	7.2 m 5.2 m 2	8.2 m 6.2 m 2	9.2 m 7.2 m 2	10.2 m 8.2 m	11.2 m 9.2 m 2	12.2 m 10.2 m 2	Additional Lift 1.0 m
BOSS 850 WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD	4.2 m 2.2 m 2 2	5.2 m 3.2 m 2 2	6.2 m 4.2 m 2 2	7.2 m 5.2 m 2 2	8.2 m 6.2 m 2 2	9.2 m 7.2 m 2 2	10.2 m 8.2 m 2 2	11.2 m 9.2 m 2	12.2 m 10.2 m 2 2	Additional Lift 1.0 m
BOSS BSO WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD TOEBOARD HOLDER	4.2 m 2.2 m 2 2 4	5.2 m 3.2 m 2 2 4	6.2 m 4.2 m 2 2 4	7.2 m 5.2 m 2 2 4	8.2 m 6.2 m 2 2 4	9.2 m 7.2 m 2 2 4	10.2 m 8.2 m 2 2 4	11.2 m 9.2 m 2 4	12.2 m 10.2 m 2 2 4	Additional Lift 1.0 m
BOSS BSO WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD TOEBOARD HOLDER 2.5 m FIXED DECK	4.2 m 2.2 m 2 2 4 1	5.2 m 3.2 m 2 2 4 1	6.2 m 4.2 m 2 2 4 1	7.2 m 5.2 m 2 2 4 1	8.2 m 6.2 m 2 2 4 1	9.2 m 7.2 m 2 2 4 1	10.2 m 8.2 m 2 2 4 1	11.2 m 9.2 m 2 2 4	12.2 m 10.2 m 2 2 4 1	Additional Lift 1.0 m
BOSS BOS WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD TOEBOARD HOLDER 2.5 m TRXED DECK 2.5 m TRXPDOOR DECK	4.2 m 2.2 m 2 2 4 1 1	5.2 m 3.2 m 2 2 4 1 2	6.2 m 4.2 m 2 2 4 1 2	7.2 m 5.2 m 2 2 4 1 3	8.2 m 6.2 m 2 2 4 1 3	9.2 m 7.2 m 2 2 4 1 4	10.2 m 8.2 m 2 2 4 1 4	11.2 m 9.2 m 2 2 4 1 5	12.2 m 10.2 m 2 2 4 4 1 5	Additional Lift 1.0 m
BOSS BS0 WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD TOEBOARD HOLDER 2.5 m FIXED DECK 2.5 m TRAPDOOR DECK 2.5 m HORIZONTAL BRACE (RED)	4.2 m 2.2 m 2 2 4 1 1 6	5.2 m 3.2 m 2 2 4 1 2 10	6.2 m 4.2 m 2 2 4 1 2 10	7.2 m 5.2 m 2 2 4 1 3 14	8.2 m 6.2 m 2 2 4 1 3 14	9.2 m 7.2 m 2 2 4 1 1 4 18	10.2 m 8.2 m 2 2 4 1 1 4 18	11.2 m 9.2 m 2 2 4 1 5 22	12.2 m 10.2 m 2 2 4 1 5 5 22	Additional Lift 1.0 m
BOSS 850 WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD TOEBOARD HOLDER 2.5 m FIXED DECK 2.5 m TRAPDOOR DECK 2.5 m HORIZONTAL BRACE (RED) 2.7 m DIAGONAL BRACE (BLUE)	4.2 m 2.2 m 2 2 4 1 1 6 4	5.2 m 3.2 m 2 2 4 1 2 10 6	6.2 m 4.2 m 2 2 4 1 1 2 10 8	7.2 m 5.2 m 2 2 4 1 3 14 10	8.2 m 6.2 m 2 2 4 1 3 14 12	9.2 m 7.2 m 2 2 4 1 4 18 14	10.2 m 8.2 m 2 2 4 1 1 4 18 16	11.2 m 9.2 m 2 2 4 1 5 22 18	12.2 m 10.2 m 2 2 4 4 1 5 5 22 20	Additional Lift 1.0 m 1 1 4 2
BOSS BS0 WIDE WORKING HEIGHT 2.5 m SIDE TOEBOARD PLATFORM HEIGHT 1.2 m END TOEBOARD	4.2 m 2.2 m 2 4 1 1 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1	5.2 m 3.2 m 2 2 4 1 2 10 6	6.2 m 4.2 m 2 4 1 1 2 10 8 1	7.2 m 5.2 m 2 2 4 1 3 14 10	8.2 m 6.2 m 2 4 1 3 14 12 1	9.2 m 7.2 m 2 2 4 1 1 4 18 14	10.2 m 8.2 m 2 2 4 1 4 18 16 1	11.2 m 9.2 m 2 4 1 5 22 18	12.2 m 10.2 m 2 2 4 4 1 5 22 20 20 1	Additional Lift 1.0 m 1 4 2 1
BOSS BOS WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD 1.2 m END TOEBOARD 2.5 m TRAPDOR DECK 2.5 m TRAPDOR DECK 2.5 m TRAPDOR DECK 2.5 m TRAPDOR DECK 2.5 m TRAPDOR DECK 1.45 m 2.RUNG SPAN FRAME 1.45 m 2.RUNG SPAN FRAME	4.2 m 2.2 m 2 4 1 1 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1	5.2 m 3.2 m 2 2 4 1 2 10 6	6.2 m 4.2 m 2 4 1 2 10 8 1 1 1	7.2 m 5.2 m 2 4 1 3 14 10	8.2 m 6.2 m 2 4 1 3 14 12 1 1	9.2 m 7.2 m 2 4 1 4 18 14	10.2 m 8.2 m 2 2 4 1 1 4 18 16 16 1 1	11.2 m 9.2 m 2 2 4 1 5 22 18	12.2 m 10.2 m 2 2 4 1 5 5 22 20 1 1 1	Additional Lift 1.0 m 1 4 2 1 1 1 1
BOSS BOS WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD 2.5 m TRXPDOOR DECK 2.5 m TRXPDOOR DECK 2.5 m TRXPDOOR DECK 2.5 m HORIZONTAL BRACE (RED) 2.7 m DIAGONAL BRACE (BLUE) 1.45 m 2.RUNG LADDER FRAME 1.45 m 4.RUNG SPAN FRAME 1.45 m 4.RUNG SPAN FRAME	4.2 m 2.2 m 2 2 4 1 6 4 1 1 1 1 1 1 1 1	5.2 m 3.2 m 2 2 4 1 2 10 6 - 2 2 2 - 2 - 2 - 2 - - - - - - - - - - - - -	6.2 m 4.2 m 2 2 4 1 2 10 8 1 1 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 10 10 10 10 10 10 10 10 10	7.2 m 5.2 m 2 2 4 1 3 14 10 	8.2 m 6.2 m 2 2 4 1 3 14 12 1 1 1 3	9.2 m 7.2 m 2 2 4 1 4 18 14 14 14	10.2 m 8.2 m 2 2 4 1 4 18 16 1 1 4	11.2 m 9.2 m 2 2 4 1 5 22 18 	12.2 m 10.2 m 2 2 4 1 5 22 20 1 1 5	Additional Lift 1.0 m 1 4 2 1 1 1
BOSS BOS WIDE WORKING HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD TOEBOARD HOLDER 2.5 m FIKED DECK 2.5 m TRAPDOOR DECK 2.5 m TRAPDOOR DECK 2.5 m TRAPDOOR LEK 2.5 m TAPDOORAL BRACE (BLUE) 1.45 m 2.RUNG LADDER FRAME 1.45 m 4.RUNG SPAN FRAME 1.45 m 4.RUNG SPAN FRAME	4.2 m 2.2 m 2 4 1 1 6 4 1 1 1 1 1 1	5.2 m 3.2 m 2 2 4 1 2 10 6 - 2 2 2 2 2 2 2 2 2 2 2 2 2	6.2 m 4.2 m 2 2 4 1 1 2 10 8 8 1 1 1 2 2 2	7.2 m 5.2 m 2 2 4 1 3 14 10 	8.2 m 6.2 m 2 2 4 1 3 14 12 1 1 1 3 3 3	9.2 m 7.2 m 2 2 4 1 1 4 18 14 14 4 4 4	10.2 m 8.2 m 2 2 4 1 4 18 16 1 4 4	11.2 m 9.2 m 2 4 1 5 22 18 5 5	12.2 m 10.2 m 2 2 4 1 5 22 20 1 1 1 5 5 5	Additional Lift 1.0 m 1 4 2 1 1 1 1
BOSS BSO WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD 1.2 m END TOEBOARD 2.5 m TRXED DECK 2.5 m TRAPDOOR DECK 2.5 m TRAPDOOR DECK 2.5 m TRAPDOR LBRACE (RED) 2.7 m DIAGONAL BRACE (RED) 1.45 m 2.4UNG LADDER FRAME 1.45 m 4.4UNG LADDER FRAME 1.45 m 4.4UNG SPAN FRAME 1.45 m 4.4UNG SPAN FRAME 1.45 m 4.4UNG SPAN FRAME 1.50 mm CASTOR WHEEL	4.2 m 2.2 m 2 4 1 1 6 4 1 1 1 1 1 4	5.2 m 3.2 m 2 2 4 1 2 10 6 - - 2 2 4 - - - - - - - - - - - - -	6.2 m 4.2 m 2 2 4 1 2 10 8 1 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	7.2 m 5.2 m 2 2 4 1 3 14 10 	8.2 m 6.2 m 2 4 1 3 14 12 1 1 1 3 3 4	9.2 m 7.2 m 2 2 4 1 1 4 18 14 	10.2 m 8.2 m 2 2 4 11 16 1 1 4 4 4 4 4 4 4 4	11.2 m 9.2 m 2 2 4 1 5 22 28 28 5 5 5 4	12.2 m 10.2 m 2 2 4 1 5 22 20 1 1 5 5 4	Additional Lift 1.0 m 1 4 2 1 1 1 1 1
BOSS BSO WIDE WORKING HEIGHT LADDERSPAN PLATFORM HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD 2.5 m FIXED DECK 2.5 m TRAPOOR DECK 1.45 m 2.4 UNG LADDER FRAME 1.45 m 4.4 UNG LADDER FRAME 1.45 m 4.4 UNG SPAN FRAME 1.45 m 4.4 UNG SPAN FRAME 1.50 mm CASTOR WHEEL ADJUSTABLE LEG	4.2 m 2.2 m 2 4 1 1 6 4 1 1 1 1 1 4 4 4	5.2 m 3.2 m 2 2 4 1 2 10 6 - - 2 2 4 - 4 - - - - - - - - - - - - -	6.2 m 4.2 m 2 2 4 1 2 10 8 1 1 1 2 2 4 4 4 4 4	7.2 m 5.2 m 2 2 4 1 3 14 10 3 3 3 3 4 4 4	8.2 m 6.2 m 2 2 4 1 1 3 14 12 1 1 1 3 3 3 4 4	9.2 m 7.2 m 2 2 4 1 1 4 18 14 14 14 14 14 14 14 14 14 14 14 14 14	10.2 m 8.2 m 2 2 4 18 16 1 1 4 4 4 4 4 4 4 4	11.2 m 9.2 m 2 2 4 1 5 22 18 5 5 5 4 4	12.2 m 10.2 m 2 2 4 1 5 22 20 1 1 5 5 4 4 4	Additional Lift 1.0 m 1 4 2 1 1 1
BOSS BSO WIDE WORKING HEIGHT 2.5 m SIDE TOEBOARD 1.2 m END TOEBOARD TOEBOARD HOLDER 2.5 m FIKED DECK 2.5 m TRAPDOOR DECK 2.5 m TRAPDOOR DECK 2.5 m TRAPDOOR DECK 2.5 m TRAPDOOR LECK 2.5 m TAPDOORAL BRACE [RUE] 1.45 m 2.RUNG SPAN FRAME 1.45 m 2.RUNG SPAN FRAME 1.45 m 4.RUNG SPAN FRAME 1.45 m 4.RUNG SPAN FRAME 1.45 m 4.RUNG SPAN FRAME 1.50 mm CASTOR WHEEL ADJUSTABLE LEG SPT TELFECOPIC STABILISER SPT TELFECOPIC STABILISER	4.2 m 2.2 m 2 4 1 1 1 6 4 1 1 1 1 4 4 4 4 4 4	5.2 m 3.2 m 2 2 4 1 2 10 6 - - 2 2 4 - 4 - - - - - - - - - - - - -	6.2 m 4.2 m 2 2 4 1 1 2 10 8 1 1 2 2 4 4 4 4 4 4 4 4 4	7.2 m 5.2 m 2 2 4 1 3 14 10 3 3 3 4 4 4 4	8.2 m 6.2 m 2 2 4 1 1 3 14 12 1 1 1 3 3 4 4 4	9.2 m 7.2 m 2 2 4 1 1 4 18 14 14 14 14 14 14 14 14 14 14 14 14 14	10.2 m 8.2 m 2 2 4 1 1 4 16 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4	11.2 m 9.2 m 2 4 1 5 22 18 5 5 5 4 4 4	12.2 m 10.2 m	Additional Lift 1.0 m 1 4 2 1 1 1

Operating & Safety Guide 508

508/06



Boss Alloy Access Towers

Designed to the European Standard ENIOO4, the BOSS Alloy Tower provides the ideal platform for light work. Two versions are available: 1450 mm & 850 mm/wide, each with either I.8 m or 2.5 m déck lengths.



NUMBER OF WORKING PLATFORMS ALLOWED NOMBER OF WORKING PLATFORMS ALLOWED The number of working levels is based on fully loading each single deck to the maximum of 275 kg. A deck is defined as a single unit, but a working platform can be either one or two decks. The 275 kg limit applies to each such working level, regardless of the number of decks.

Under normal circumstances only two such working levels are permissable, as with the taller structures/lengths self-weight will be a limiting factor. Maximum Safe Working Load for the tower structure is

950 kg

950 kg. Should heavier loads than these be required for particular applications, your local Branch will be able to provide guidance. The quantities in the schedule will enable towers to be built safely and therefore comply with the requirements of the Work at Height Regulations 2005. They include double guardrails to all platforms, and toeboards will need to be added if any levels are used as working platforms and / or for storage of materials. BS1139 requires platforms at least every 4m, and these measures will exceed that requirement.

BALLAST: 1450 LADDERSPAN

Internal/External use - There is no requirement for ballast on 1450 towers if using stabilisers as detailed in the QUANITY SCHEDULE and the stabilisers have been fully deployed in accordance with the user guide.

STABILISERS

For Internal use only, SP10 stabilisers may be fitted on 1.45 m x 1.8 m towers up to 10.2 m platform height or 12.2 m platform height for 1.45 m x 2.5 m towers. o improve rigidity, larger stabilisers can be used at a over level than shown in the table.

IUMBER OF WORKING PLATFORMS ALLOW/ED

0.05111 × 1.01	"	INTER							INTER	VAL U.	
BOSS 850 WIDE LADDERSPAN	WORKING HEIGHT PLATFORM HEIGHT	4.2 m 2.2 m	5.2 m 3.2 m	6.2 m 4.2 m	7.2 m 5.2 m	8.2 m 6.2 m	9.2 m 7.2 m	10.2 m 8.2 m	11.2 m 9.2 m	12.2 m 10.2 m	Additional Lift 1.0 m
1.8 m SIDE TOEBOARD)	2	2	2	2	2	2	2	2	2	
0.6 m END TOEBOARD)	2	2	2	2	2	2	2	2	2	
TOEBOARD HOLDER		4	4	4	4	4	4	4	4	4	
1.8 m TRAPDOOR DEC	K	1	2	2	3	3	4	4	5	5	1
1.8 m HORIZONTAL BR	RACE (RED)	6	10	10	14	14	18	18	22	22	4
2.1 m DIAGONAL BRA	CE (BLUE)	4	6	8	10	12	14	16	18	20	2
1.45 m 2-RUNG LADDE	ER FRAME	1		1		1		1		1	1
1.45 m 2-RUNG SPAN I	FRAME	1		1		1		1		1	1
1.45 m 4-RUNG LADDE	ER FRAME	1	2	2	3	3	4	4	5	5	
1.45 m 4-RUNG SPAN I	FRAME	1	2	2	3	3	4	4	5	5	
150 mm CASTOR WHE	EL	4	4	4	4	4	4	4	4	4	
ADJUSTABLE LEG		4	4	4	4	4	4	4	4	4	
SP7 TELESCOPIC STABI	LISER	4	4	4							
SP10 TELESCOPIC STAE	BILISER				4	4	4			4	
	lka	106	139	151	198	210	758	270	789	316	19
085 m X 2 5 r	n					210	250	270			
0.05 117 2.5 1											
Boss 850 Wide Ladderspan	WORKING HEIGHT PLATFORM HEIGHT	4.2 m 2.2 m	5.2 m 3.2 m	6.2 m 4.2 m	7.2 m 5.2 m	8.2 m 6.2 m	9.2 m 7.2 m	10.2 m 8.2 m	11.2 m 9.2 m	12.2 m 10.2 m	Additional Lift 1.0 m
2.5 m SIDE TOEBOARD		2	2	2	2	2	2	2	2	2	
0.6 m END TOEBOARD	l.	2	2	2	2	2	2	2	2	2	
TOEBOARD HOLDER		4	4	4	4	4	4	4	4	4	
2.5 m TRAPDOOR DEC	K	1	2	2	3	3	4	4	5	5	1
2.5 m HORIZONTAL BR	ACE (RED)	6	10	10	14	14	18	18	22	22	4
2.7 m DIAGONAL BRAG	CE (BLUE)	4	6	8	10	12	14	16	18	20	2
1.45 m 2-RUNG LADDE	R FRAME	1		1		1		1		1	1
1.45 m 2-RUNG SPAN F	RAME	1		1		1		1		1	1
1.45 m 4-RUNG LADDE	R FRAME	1	2	2	3	3	4	4	5	5	
1.45 m 4-RUNG SPAN F	RAME	1	2	2	3	3	4	4	5	5	
150 mm CASTOR WHE	EL	4	4	4	4	4	4	4	4	4	
ADJUSTABLE LEG		4	4	4	4	4	4	4	4	4	
SP7 TELESCOPIC STABI	LISER	4	4	4							
SPTU TELESCOPIC STAE	ILISEK				4	4	4	0	4	۵	
TOWER (SELE-WEIGHT)	ka	117	158	172	226	239	294	307	334	362	27

The number of working levels is based on fully loading each single deck to the maximum of 275 kg.

The number of working levels will be limited by the total Safe Working Load of the tower. The Maximum Safe Working Load for the tower structures shown is 950 kg. For heights in excess of these, and for heavier loads, consult your local HSS Hire for quidate. for guidance.

The quantities in the schedule will enable towers to be The quantum and therefore comply with the requirements of the Work at Height Regulations 2005. They include double guardraits to all platforms, and toeboards will need to be added if any levels are used as working platforms and / or for storage of materials

BS1139 requires platforms at least every 4m, and these measures will exceed that requirement.

BALLAST 850 LADDERSPAN: - Internal/External use. Stabiliser requirements are based on calculations from BS1139:

Above 8.2 m, the schedule is for internal use only.

For Internal use only, towers may be erected up to 12.2 m platform height without ballast.

For External use, towers fitted with a 2.5 m length platform must have ballast fitted as follows

- 7.2 m platform height = 25 kg ballast
- 8.2 m platform height = 75 kg ballast

Ballast is used at the base to stabilise towers against Bailast is used at the base to stabilise towers against overturning. It must be of solid materials [i.e. not water or loose sand] and should not be positioned to overload individual legs. Ballast should be secured against accidental removal, and be supported on the lowest rung of the bottom frame.

STABILISERS

The QUANTITY SCHEDULE shows the recommended stabilisation. In circumstances where there is restricted ground clearance for stabilisers outriggers, contact your local HSS Hire for advice.

SP10 stabilisers may be fitted up to 6.2 m platform height Externally and 9.2 m Internally.

Fitting SP15 stabilisers at heights lower than these will increase rigidity and provide additional stability.





USAGE ADVICE

- Schedule
- Ensure the ground on which the mobile access tower is to be erected and moved, is capable of
- supporting the tower. The MAXIMUM Safe Working Load (the combined weight of the user/s, tools and materials) that may be placed on the Tower is the Total Weight less the Self Weight of the Tower.

- x 2.5 m Tower with a Platform Height of 4.2 m has a Self Weight of 201 kg.
- So for the second (1450) placed side by side
- rs must always be climbed from the inside during assembly and using the built-in ladder provided
- Adjustable Legs should only be used for levelling. Do not use boxes or step ladders on the platform to gain additional height.

LIFTING OF EQUIPMENT

er components should be firmly secured by a reliable lifting material (eq rope), employing a reliable Knot (eg clove hitch), to ensure safe fastening.

MOVEMENT

- ould only be moved by manual effort, and only from the base

- MUCCEMENT: The tower should only be moved by manual effort, and only from the base. When moving the tower, beware of live electrical apparatus, particularly overhead, plus wires or moving parts of machinery. No personnel or materials should be on the tower during movement. Caution should be exercised when wheeling a tower over rough, uneven or sloping ground, taking care to unlock and lock castors. If stabilisers are fitted, they should only be lifted sufficiently above the ground to clear ground obstructions. The height of the tower, when being moved, should not exceed 2.5 times the minimum base dimensions, or 6 metres overall height.

MAINTENANCE

All components and their parts should be regularly inspected to identify damage, particularly to welds. Lost or broken parts should be replaced, and any tubing with indentations greater than 5mm should be All con put to one side for manufacturer repair. Adjustable leg threads should be cleaned and lightly lubricated to keep them free running.

DURING USE

Beware of high winds in exposed, gusty or medium breeze conditions. We recommend that in wind speeds over 7.7 metres per second (17 m.p.h.), cease working on the tower. If the wind becomes a strong breeze, expected to reach 11.3 metres per second (25 m.p.h.), tie the tower to a rigid structure. If the wind is likely to reach gale force, over 18 metres per second (40 m.p.h.), the tower should be dismantled.

Wind Description	Beaufort Scale	Beaufort No.	Speed in m.p.h.	Speed in m/sec.
Medium Breeze	Raises dust and loose paper, twigs snap off.	4	8-12	4-6
Strong Breeze	Large branches in motion, telegraph wires whistle.	6	25-31	11-14
Gale Force	Walking is difficult.	8	39-46	17-21

vare of open ended buildings which can cause funneling effect

- Do not abuse equipment. Damaged or incorrect components should never be used. Raising and lowering components, tools, and/or materials by rope should be conducted within the tower base. Ensure that the safe working load of the supporting decks and the tower structure is
- The assembled tower is a working platform and should not be used as a means of access to other structure
- ware of horizontal forces (eg power tools) which could generate instability. Maximum horizontal force 20 kg
- The stairway towers featuring an inclined staircase access are for use with personnel frequently carrying
- tools and/or materials. Mobile towers are not designed to be suspended please refer to your supplier.