## BOSS <br> $1450 / 850$ CUMA FRAME

## Components



CHECKIST
INSPECT COMPONENTS PRIOR TO ERECTION INSPECT TOWER PRIOR TOUSE

TOWER UPRIGHT
CASTORS LOCKED/LEGS CORRECTLY ADJ USTED BRACES \& PLATFORM LEVEL

STABILSERS/OUTRIGGERS FITTED AS SPEQFIED
PLATFORMS LOCATED \& WINDLOCKS ON
HANDRAILS IN PLACE
OEBOARDS LOCATED
RETERTOTHS CAECALIST BERORE USING EACHTIME


USER GUIDF BOSS MOBILE TOWERS 1450/850 C LMA FRAME


## Introduction

This BOSS CUMA User Guide is designed to provide you with step by step instructions to ensure that your systemis erected with the maximumof ease and safety. Before assembly, please read the safety notes carefully. Operatives must be qualified or competent to erect the tower. If the tower is passed on to another person they should also receive these instructions. Erect the tower in the position required. For full information on the application and use of a Mobile Access and Working Tower consult Moble Access and Working Tower consult the PASMA Guide or prEN 1208


## 1450/850 CLIMA ALLOY ACCESS SYSTEM


> insert adjusta
lock castors.
Athach one out
> Ack castors.
Attach one outrigger to each comer of the tower at apporox 45 degre If handle on clamp is obstructed fromtightening, undo and place
handle on other side of clamp. Ensure top clamp is positioned handie on other side of clamp. Ensure top clamp is positioned
immediately under framer ung and tighten using handle justenough to hold clamp in position. After adiusting legs until castors are fimly on the ground, carry out this procedure on lower clamp.
> Cip in plan braces fromtower to outriggers at each end of tower as
shown. Securely tighten all clamps and double check that all castor are firmy in contact with the ground and are locked.
> When moving tower unlock all castors, ensure area is firmand clear of all obstructions both on the ground and above the tower. After moving ensure tower is vertical and that all castors are firmly on the ground and locked.


- becinon

Check that all components are on site and that they are
functioning correctly - See Quantity Schedule.
Check if the ground on which the mobile access tower is to be

- Dected and moved, is capable of supporting the tower.
temporary guardrail brace be employed.
The safe working load is 275 kgs ( 606 lbs ) uniformly distributed maximum concentrated load 150 kgs ( 330 lbs ) per deck up to a This must not be exceeded.
- This

Towers must always be climbed from the inside during assembly

- Do not use boxes or step ladders on the platformto gain additional height.

LIFING OF EQUIPMENT

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

- stabilusers/ballast
fitted when specified.
Ballast is used at the base to stabilise towers against overturning. The QUANTTY SCHEDULE shows the recormended stabilisation. In circumstances where there is restricted ground advice.
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.
MOVBMENT
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 machiner
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 25 times the minimumbase dimensions, or 6 metres overall height.

DURING use
Beware of high winds in exposed, gusty or mediumbreeze conditions. We recommend that in wind speeds over 7.7 metres per second ( 17 mp .h.), cease working on the tower. If the win becomes a strong breeze, expected to reach 11.3 metres per is likely to reach gale force, over 18 metres per second ( $40 \mathrm{mp} . \mathrm{h}$.) the tower should be dismanted.

| Wind <br> Description | Beaufort Scale | Beaufort | Speed in | Speed in |
| :---: | :---: | :---: | :---: | :---: |
| Mediumbreere | Raises dust and loose paper, twigs snap off | 4 | 8.12 | 46 |
| Strong Breeze | Large branches in motion telegraph wires whistle. | , | 25-31 | 11-14 |
| Gale Force | Walking is difficult | 8 | 39.46 | 17-2 |

Beware 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 not exceeded.
The assembled
- The assembled tower is a working platformand
- Beware of horizontal forces (eg power tools) which could
generate instability. Maximumhorizontal force 20 kg .
- The stairway towers featuring an inclined staircase access are
- Mor use with personnel frequently carying tools and/or materiad

Mobile towers are not designed to be suspended - please refer
nes
Ties should be used when the tower goes beyond its safe height beyond the linits of the stabilisers/outriggers or there is a danger of instability. They should be rigid, two way ties fastened to both uprights of the frame with load-bearing right angled or swivel
couplers. Only couplers suitable for the $50.2 m$ mdia. tube of the couplers. Only couplers suitable for the 50.8 molia. tube of the
tower should be used. Ideally ties should secure to either face of a solid structure or by means of anchorages.
The tie frequency may vary depending on the application, but they should, at a minimum be at every 4 metres height

## maintienance

All components and their parts should be regularly inspected to identify damage, particularly to welds. Lost or broken parts should should be put to one side for manufacture repair. Adjustable eleg threads should be cleaned and lightyly lubricated to keep them free rumning.

