



## 40' X 30' X 20' Mobile Stage Specifications

[www.mbprosound.net](http://www.mbprosound.net)

### Contents

---

Technical specifications

Page 1

Rigging plan

Page 2

Side view

Page 3

Front view

Page 4

Stage floor

Page 5



**MB Pro Sound & Staging • 1704I Bridlepath Ct • Lutz, FL 33558**  
**Phone: 813-376-3840 • Fax: 813-746-1681**



[www.mbprosound.net](http://www.mbprosound.net) • [john@mbprosound.net](mailto:john@mbprosound.net)

### Trailer

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| Width                        | 8'-2"                                            |
| Length                       | 43'-8"                                           |
| Height                       | 13'-6"                                           |
| Nominal gross vehicle weight | 31 560 lbs                                       |
| Static load on axles         | 21 040 lbs                                       |
| Additional weight allowed    | 26 960 lbs**                                     |
| Cargo space                  | 7'-10" x 7'-0" x 40'-0" (2 194 ft <sup>3</sup> ) |

### Overall dimensions (stage)

|        |                                       |
|--------|---------------------------------------|
| Depth  | 26'-10" (32'-10" incl. FOH)           |
| Width  | 43'-8 (61'-8" with PA wings)          |
| Height | 27'-3" to 29'-3" (30'-3" with blocks) |

### Stage dimensions

|                          |                        |
|--------------------------|------------------------|
| Floor dimensions         | 40'-0" x 30'-0"        |
| Ground to floor height   | 5'-0" to 7'-0" Support |
| 750" (8'-0" with blocks) |                        |
| Clearance under trussing | 19'-9"                 |
| Clearance under roof     | 21'-6"                 |

### Other specifications

|                                          |                                               |
|------------------------------------------|-----------------------------------------------|
| Floor materials                          | Plywood over steel                            |
| Load bearing capacity of the floor       | 150 lb per square foot                        |
| Roof materials                           | Fiberglass bonded to steel structure          |
| Front of house (FOH) supports dimensions | 6'-0"                                         |
| PA wings dimensions                      | 9'-0"                                         |
| Hanging pipes                            | Six (6) industry-standard 2" nominal diameter |
| Maximum load bearing : Roof              | 20 000 lbs *                                  |
| Maximum load bearing : FOH supports      | 750 lbs *                                     |
| Maximum load bearing : Inside supports   | 500 lbs *                                     |
| Maximum load bearing : PA wings          | 1 000 lbs *                                   |
| Maximum load bearing : Center trusses    | 4 800 lbs *                                   |
| Maximum load bearing : Edge trusses      | 4 200 lbs *                                   |
| Wind resistance                          | 50 m/h / 80 km/h with wind screens            |
| Wind lift resistance                     | 15 lbs per square foot                        |
| Motor                                    | 6.5 HP fuel powered Honda GX200               |
| Install time                             | 2 to 3 hours with 2 technicians               |
| Transport                                | Regular tractor-trailer                       |
| Wind screen (sides and back)             | 16 oz. black Vinagard                         |
| Wind screen openings (doors)             | Two 7'x10'in the back and two - 4'x10'sides   |
| Wind screen openings (wind flaps)        | Four - 6'x3'                                  |
| Stage skirt                              | Black Novathene TG                            |
| Stairs                                   | 36" wide                                      |

\* Refer to rigging plan

\*\* Estimated

All dimensions and specifications are subject to change without prior notice

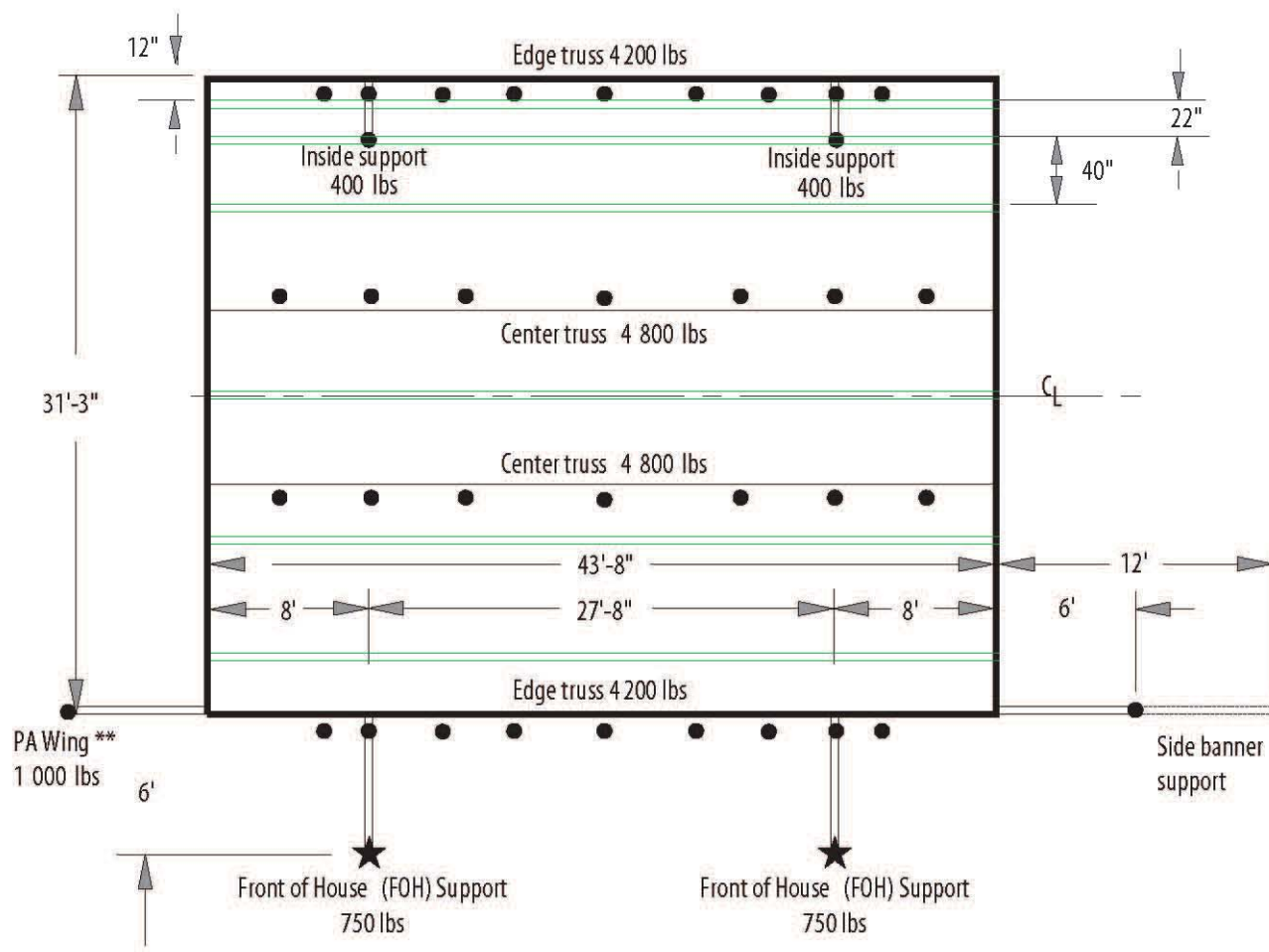
**MB Pro Sound & Staging • 1704l Bridlepath Ct • Lutz, FL 33558**  
**Phone: 813-376-3840 • Fax: 813-746-1681**



## RIGGING PLAN

Model 40 30 20

[www.mbprosound.net](http://www.mbprosound.net) • [john@mbprosound.net](mailto:john@mbprosound.net)



### Maximum load

20 000 lbs

### Distribution

|              |            |
|--------------|------------|
| A: 2 400 lbs | D: 900 lbs |
| B: 1 800 lbs | E: 750 lbs |
| C: 1 300 lbs | F: 650 lbs |
|              | G: 400 lbs |

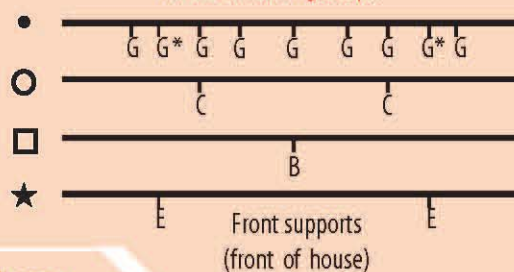
### Center truss

1 of the 3 following setups



### End truss

1 of the 4 following setups

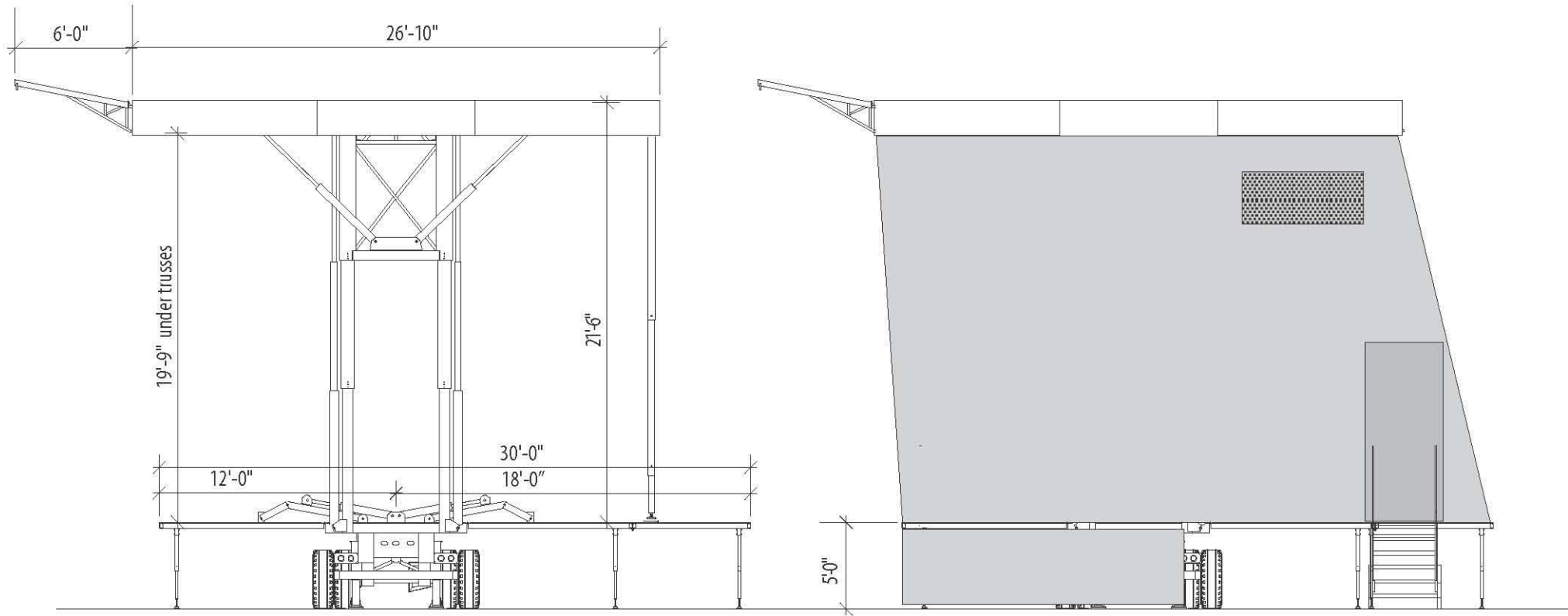


### Notes

- \* Inside supports replace corresponding rigging points
- \*\* PA wings may be used with any rigging combination

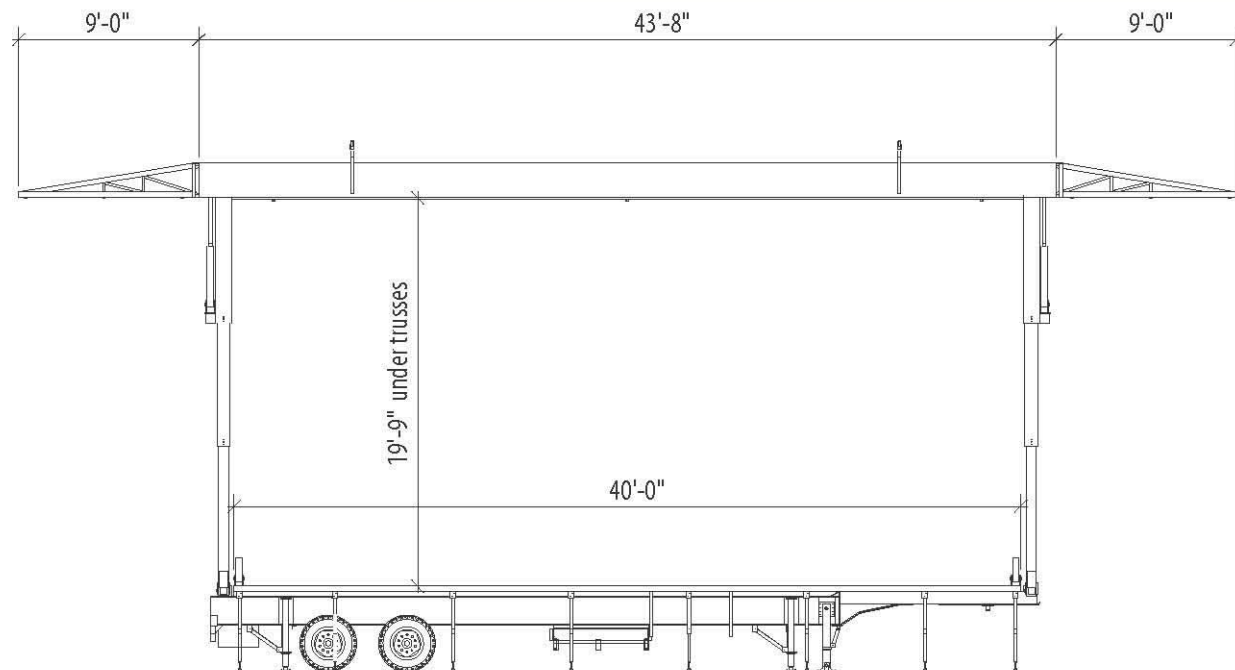
**MB Pro Sound & Staging • 1704l Bridlepath Ct • Lutz, FL 33558**

**Phone: 813-376-3840 • Fax: 813-746-1681**

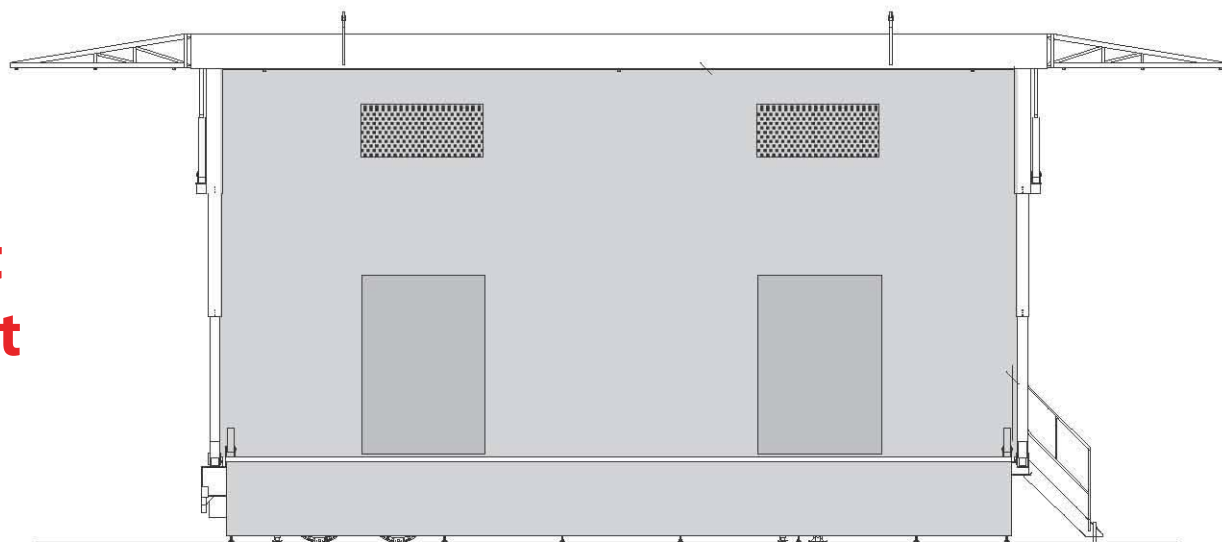
**MB**  
PRO SOUND  
&  
**STAGING**[www.mbprosound.net](http://www.mbprosound.net) • [john@mbprosound.net](mailto:john@mbprosound.net)

**MB Pro Sound & Staging • 1704l Bridlepath Ct • Lutz, FL 33558**  
**Phone: 813-376-3840 • Fax: 813-746-1681**

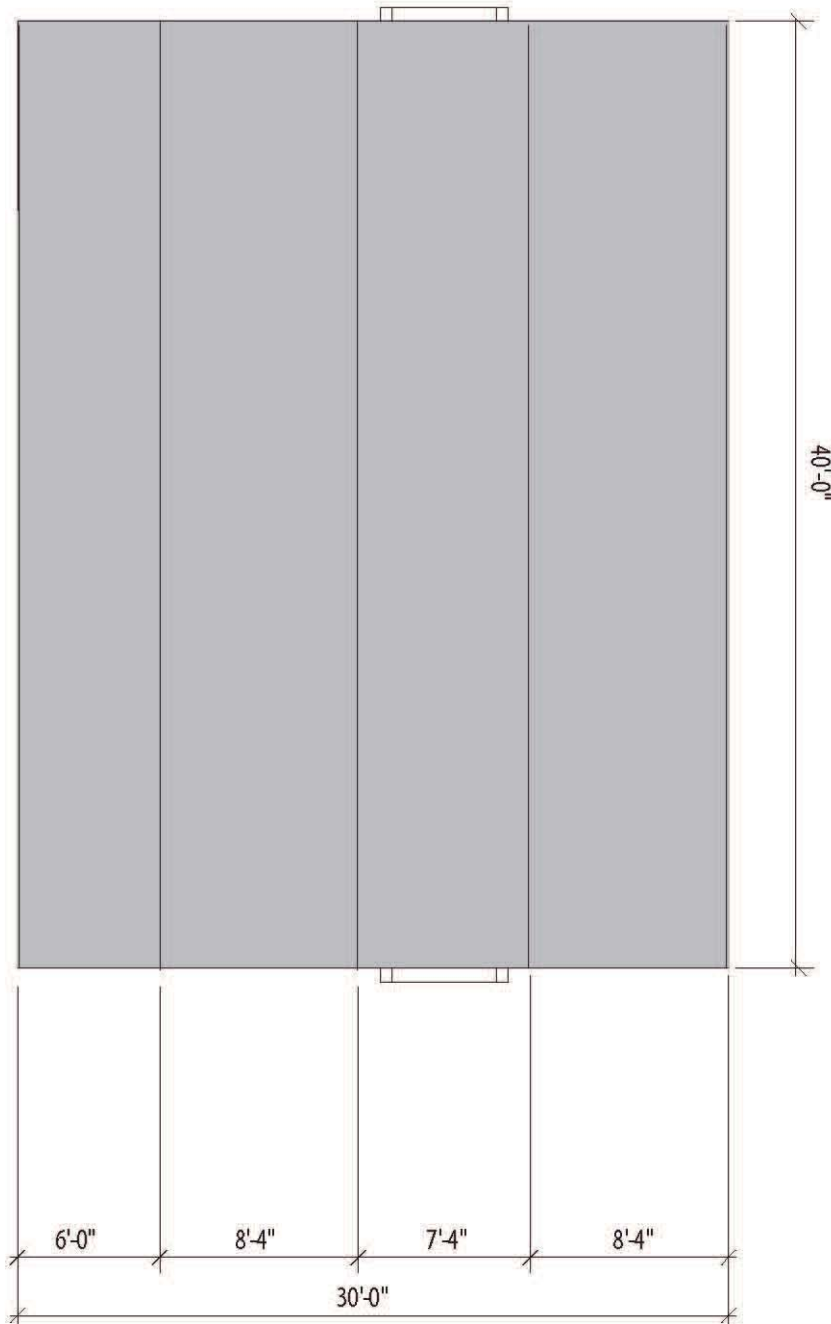




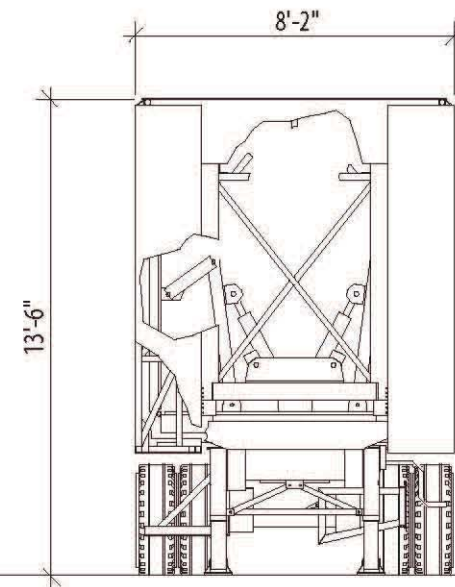
**[www.mbprosound.net](http://www.mbprosound.net)**  
**[john@mbprosound.net](mailto:john@mbprosound.net)**



**MB Pro Sound & Staging • 1704l Bridlepath Ct • Lutz, FL 33558**  
**Phone: 813-376-3840 • Fax: 813-746-1681**



[www.mbprosound.net](http://www.mbprosound.net)  
[john@mbprosound.net](mailto:john@mbprosound.net)



**MB Pro Sound & Staging • 1704l Bridlepath Ct • Lutz, FL 33558**  
**Phone: 813-376-3840 • Fax: 813-746-1681**