



TECHNICAL SHEET

Mobile 42 30 20 HY

Trailer specifications	
Width	8'-2" / 2.49 m
Length	45'-0" / 13.72 m
Height	13'-1" / 3.99 m
Gross trailer's weight (GVWR)	40 000 lbs / 18 144 kg
Dead load on axle(s)	28 667 lbs / 13 003 kg
Maximum load allowed on axles	40 560 lbs / 18 398 kg
Additional load allowed	± 13 600 lbs / 6 169 kg
Cargo space	6'-0" x 9'-0" x 42'-0" (2 268 ft ³) / 1.83 x 2.74 x 12.8 (64.2m ³)
Overall dimension (open stage)	
Depth	30'-0" (36'-0" with FOH) / 9.14 m (10.97 m with FOH)
Width	45'-0" (63'-0" with lateral supports) / 13.72 m (19.20 m with lateral supports)
Height	25'-7" @ 27'-7" (31'-7" with banner) / 7.80 @ 8.41 m (9.45 with banner)
Stage dimension	
Floor dimension	42'-0" x 30'-0" / 12.80 x 9.14 m
Floor's height from ground	4'-9" @ 6'-9" (with blocks) / 1.45 @ 2.06 (with blocks)
Clearance under truss	19'-4" / 5.89 m
Clearance under roof	20'-10" / 6.35 m
Other specifications	
Floor surface	Plywood on steel
Floor capacity	150 lbs/ft ² / 7.5 kpa
Roof surface	Fiberglass bound on steel
Frontal support (front of house - FOH)	6'-0" / 1.83 m
Lateral support (outrigger) ★	9'-0" - 20'-0" / 2.75 - 6.10 m
Maximum load / roof	21 000 lbs / 9 526 kg *
Maximum load / FOH	1 000 lbs / 455 kg *
Maximum load / inside supports	750 lbs / 340 kg *
Maximum load / lateral supports ★	4 400 - 8 000 lbs / 2 000 - 3 650 kg *
Maximum load / central truss	4 500 lbs / 2 041 kg *
Maximum load / middle truss	2 500 lbs / 1 134 kg *
Maximum load / end truss	3 500 lbs / 1 588 kg *
Wind load	50 m/h / 80 km/h with canvas
Uplift	15 lbs/ft ² / .75 kpa
Motor	Gaz engine - Honda GX390 13 HP
Setup time	2-3 hrs - 2 technicians
Transport	5th wheel - tractor truck
Windwalls (back and sides) ★	Black vinyl 16 oz. flame retardent
Windwalls openings (doors)	4 - 6' x 8' / 1.83 x 2.44 m
Windwalls openings (wind trap door)	8 - 5' x 3' / 1.52 x 0.91 m
Skirting	Novathene TG black
Stairs	44" / 1.12 m width

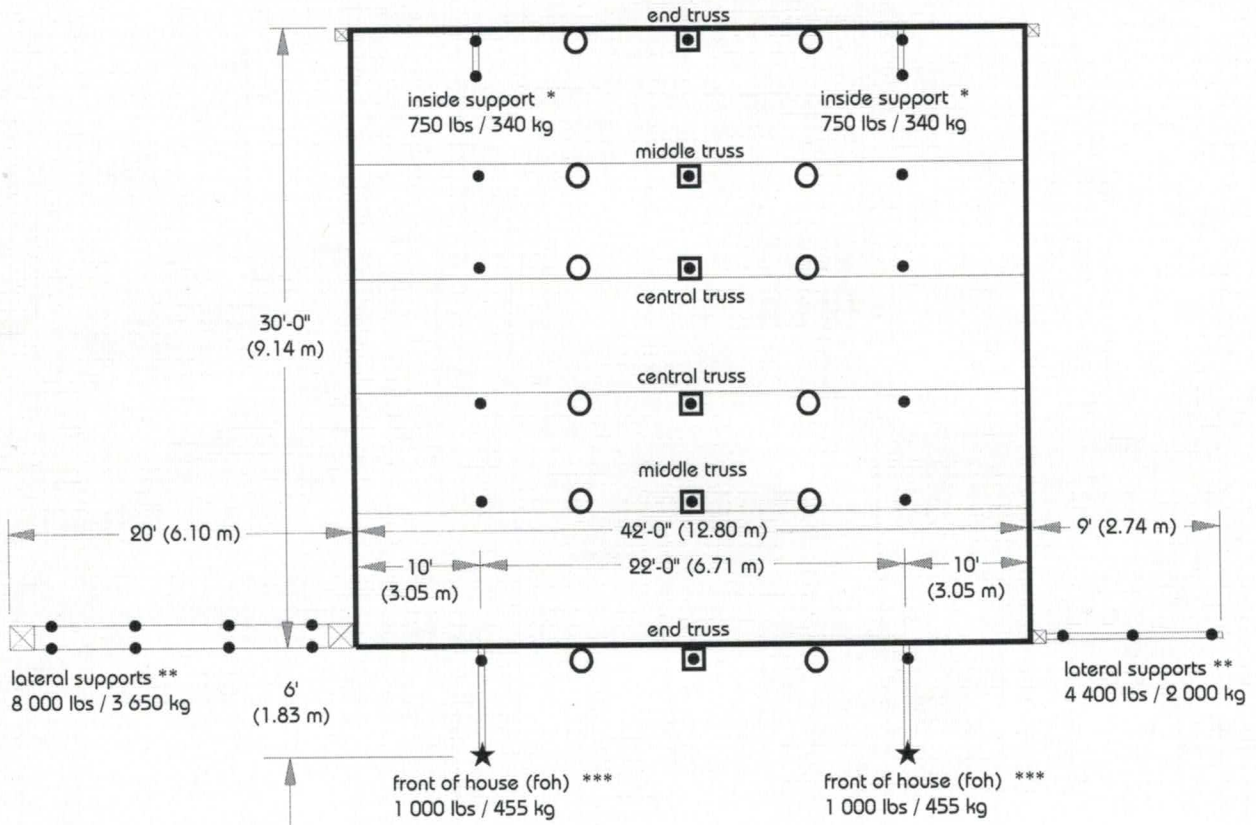
* See rigging plan

★ Options

All dimensions and specifications can be modified without notice

RIGGING PLAN

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maximum load
21 000 lbs / 9 526 kg

	uniform load	□ 1/2	○ 1/3	● 1/4
end truss	3 500 lbs / 1 588 kg	1 750 lbs / 794 kg	1 312 lbs / 595 kg	875 lbs / 397 kg
middle truss	2 500 lbs / 1 134 kg	1 250 lbs / 567 kg	937 lbs / 425 kg	625 lbs / 284 kg
central truss	4 500 lbs / 2 041 kg	2 250 lbs / 1 021 kg	1 688 lbs / 765 kg	1 125 lbs / 510 kg

- * The inside supports replace the corresponding rigging points
- ** Lateral supports may be used with any end truss rigging combination
- *** It's forbidden to rig the end truss when there is a load on the front supports (FOH) ★



STAGE FLOOR - TRAILER

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