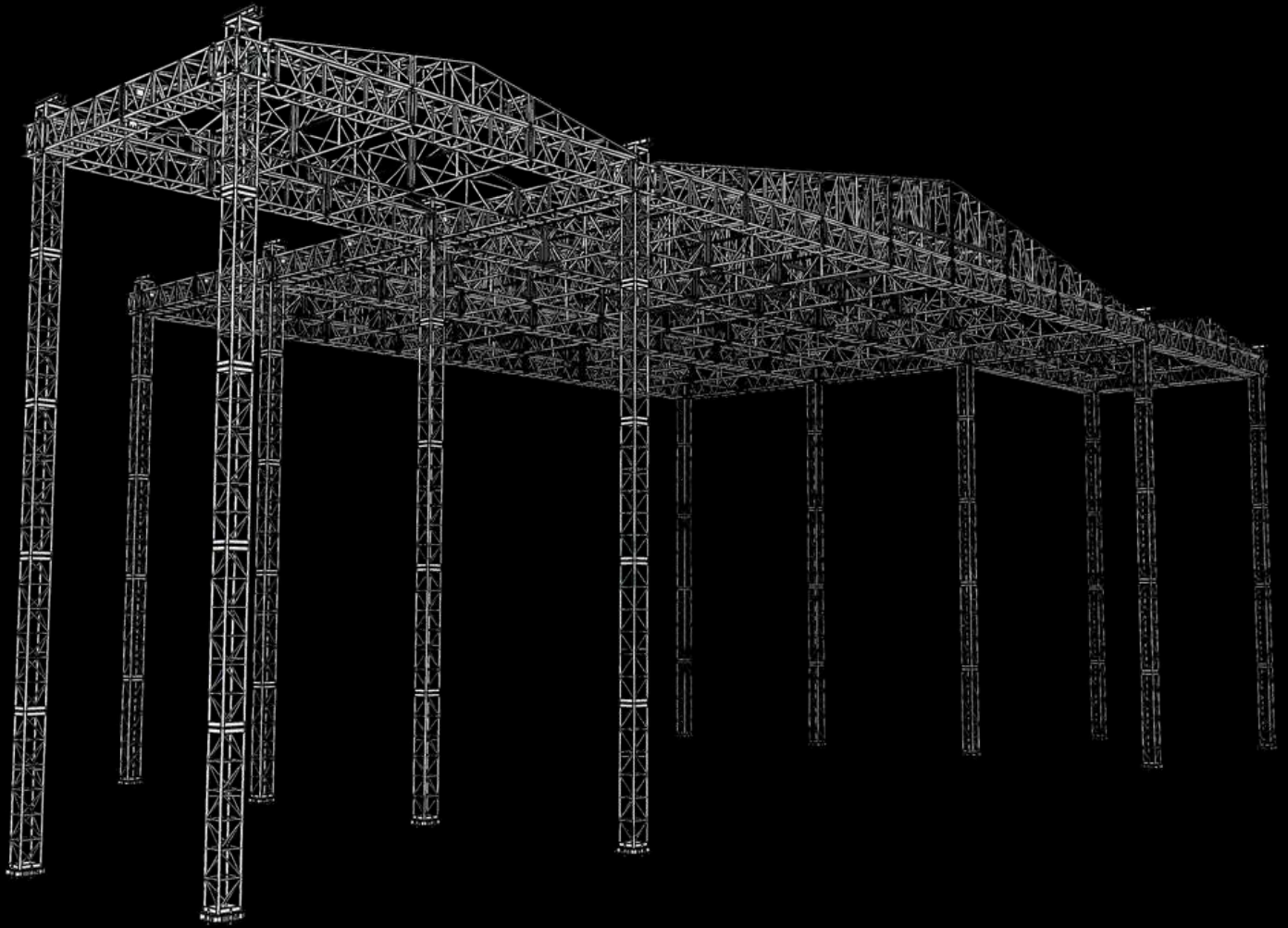


//STRUCTURES

# EHD Roof



**Self Climbing.**  
**Weatherproof.**  
**Strong.**  
**Modular.**

**PROTEC**



# Modular, self climbing roof structure with an impressive internal weight loading capacity.

Extra Heavy Duty Truss has exceptionally high load handling capabilities making it ideal for use in larger outdoor roof structures. Additional facilities allow other roof interface components to work efficiently with this truss.

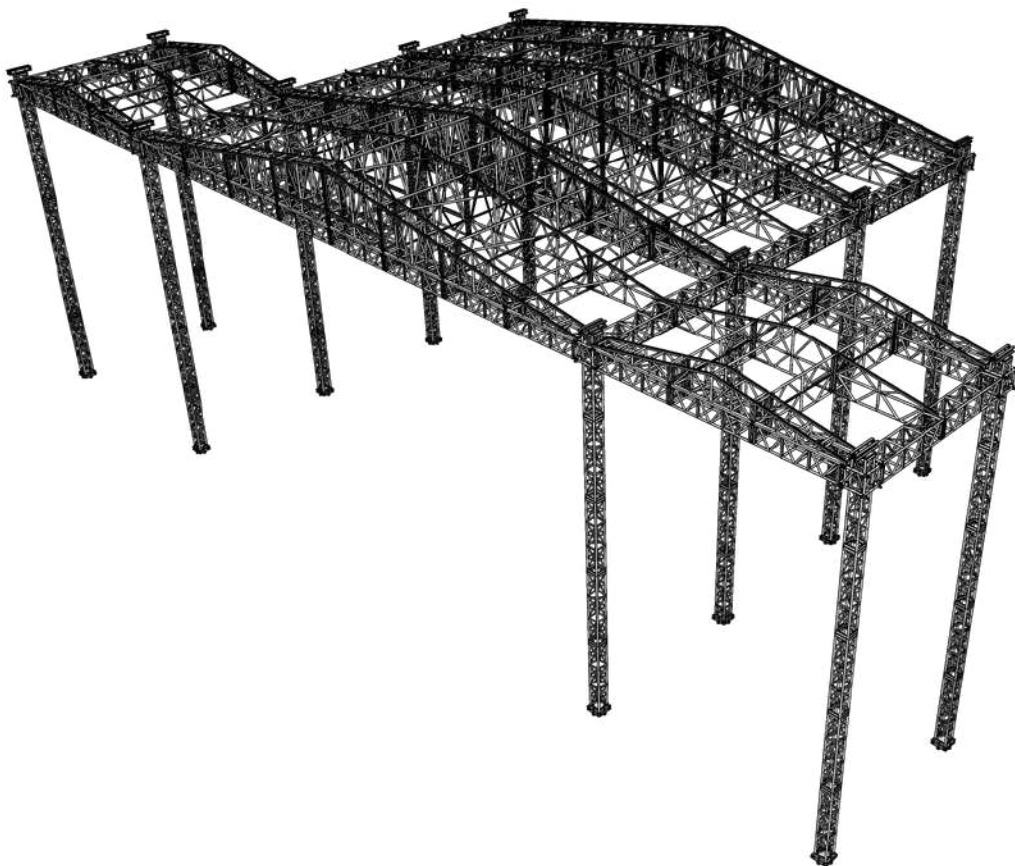
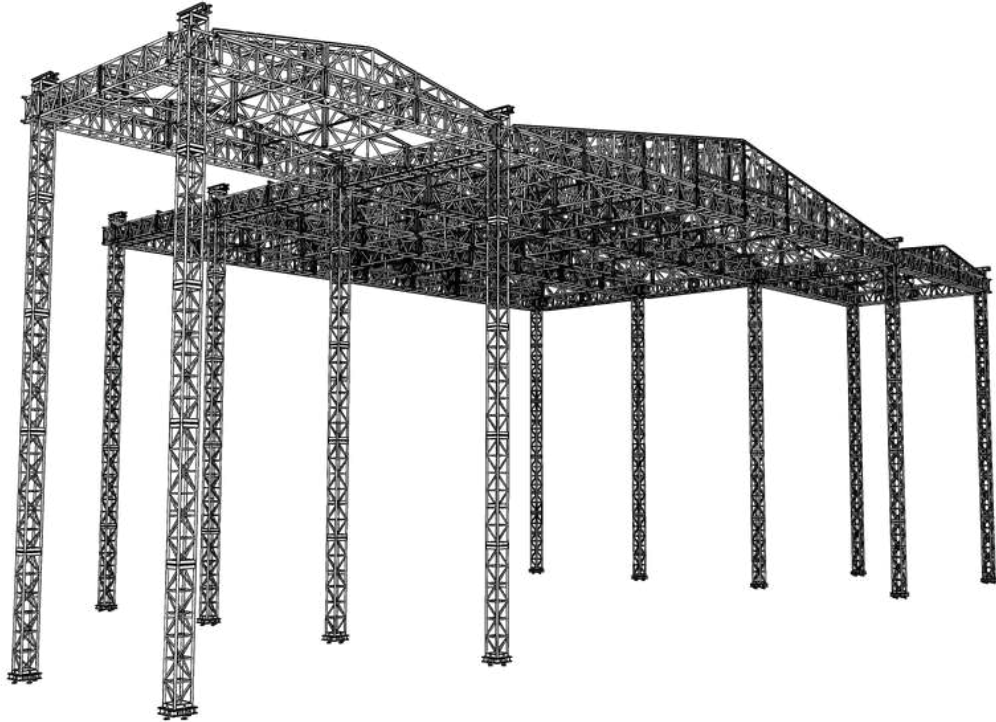
- Full roof & side panel coverage
- Customisable sizing depending on type of project
- Self climbing structure
- High Loading capacity
- Up to 3m Cantilever



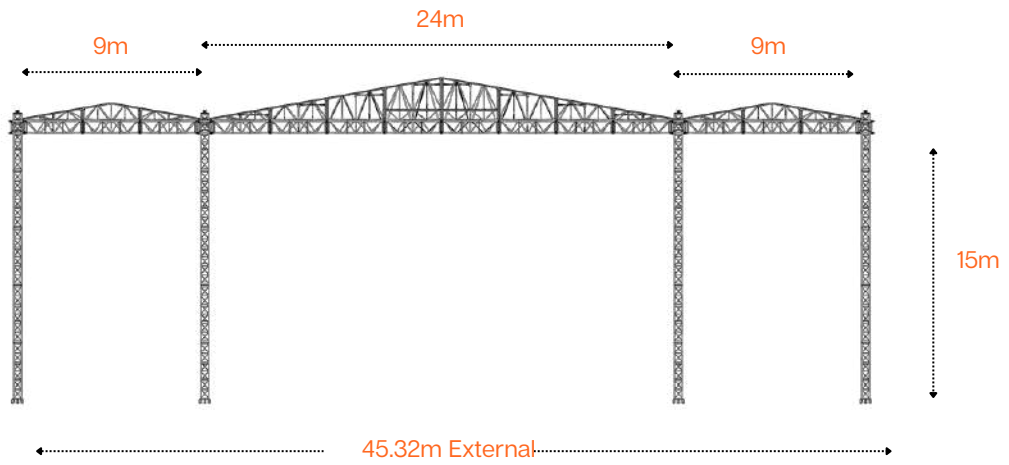


# EHD Roof

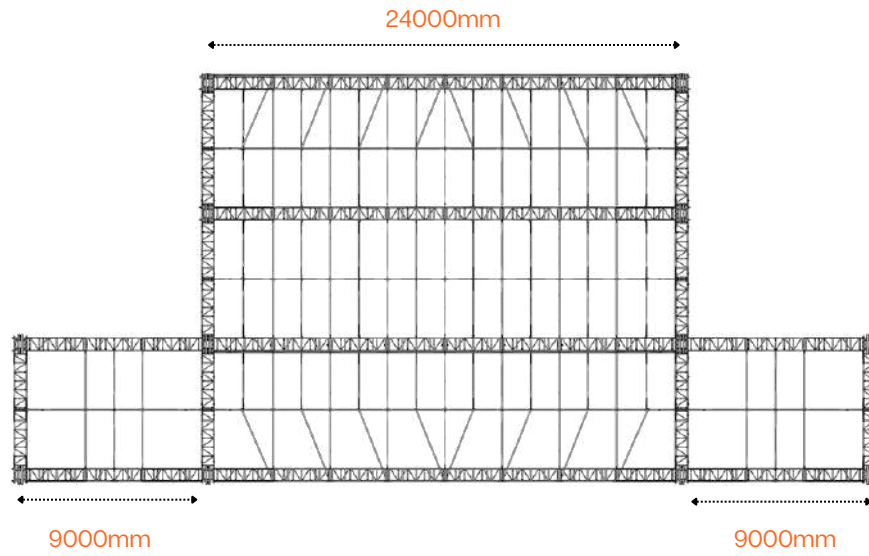
ISO VIEW



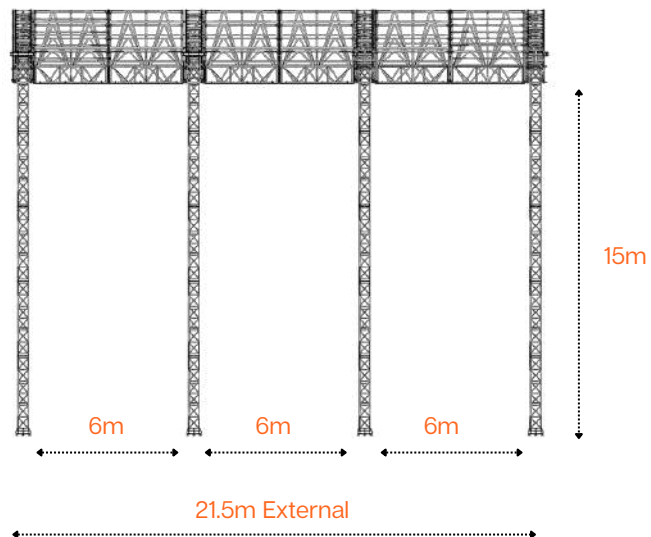
## FRONT VIEW



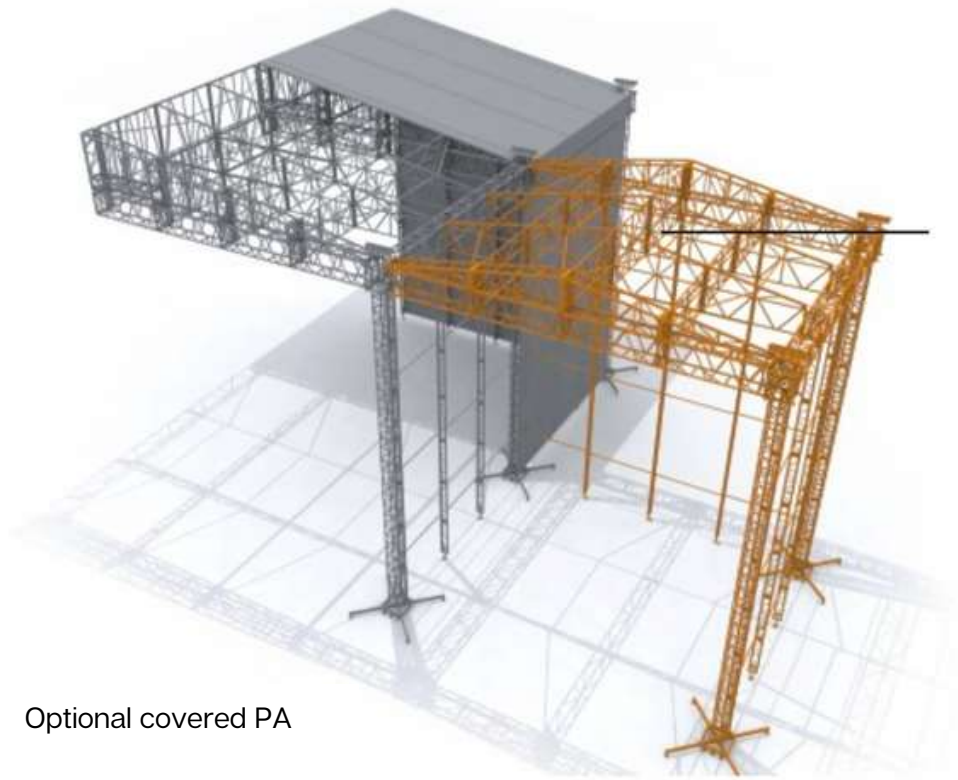
## PLAN VIEW



## SIDE VIEW

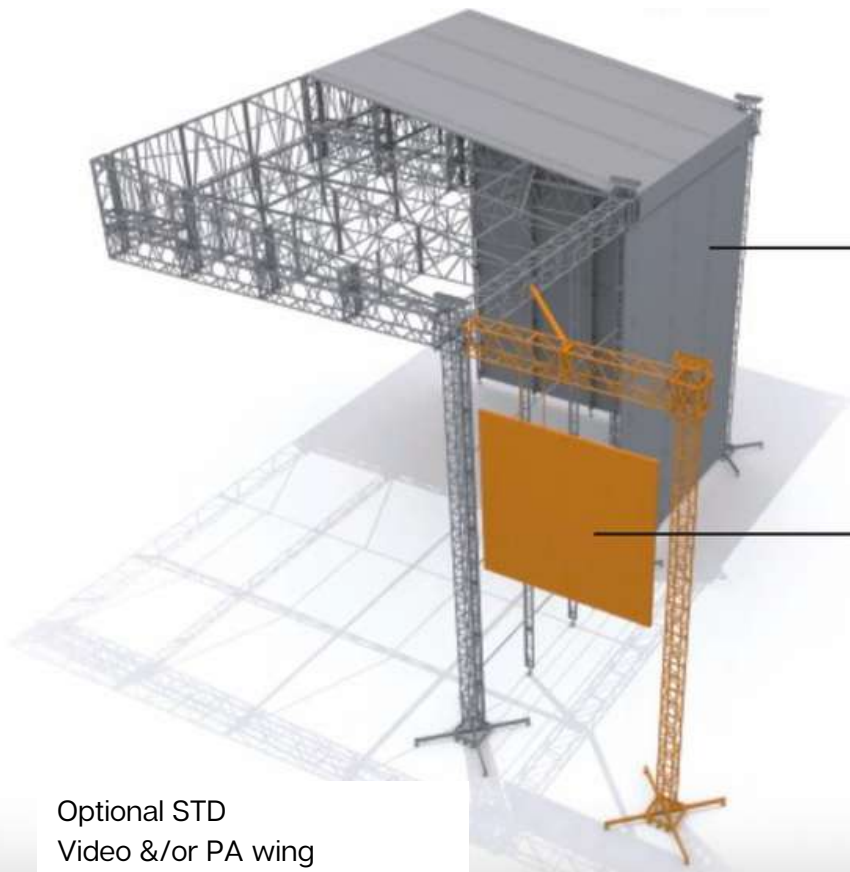


# PITCHED ROOF SYSTEM



PA Wing cover uses same components as the mainroof

Optional covered PA



Optional Side Walls  
14m Drop

Video and PA wings

Optional STD  
Video &/or PA wing



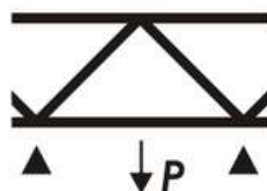
## LOAD TABLE

Span (metres)		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
UDL	bottom chord kg	7747	5994	5627	5382	4689	4037	3609	3180	2752	2324	2080	1835	1590	1427	1264
DEFL	mm	2	4	10	19	32	46	61	79	98	121	147	173	202	234	269
UDL	top chord kg	5668	5056	5056	5056	4689	4037	3609	3180	2752	2324	2080	1835	1590	1427	1264
DEFL	mm	4	4	9	18	31	46	61	79	98	121	147	173	202	234	269
CPL	kg	2345	3466	2854	2181	1886	1631	1468	1315	1152	999	907	815	734	652	581
DEFL	mm	2	5	11	17	24	33	45	57	73	88	109	130	154	176	202
TPL	kg	1427	2263	1682	1488	1295	1101	1019	938	856	775	703	622	550	499	459
DEFL	mm	2	5	9	18	31	43	57	72	90	114	139	162	192	222	255
QPL	kg	887	1590	1427	1223	1101	938	836	744	642	550	499	438	387	347	306
DEFL	mm	2	5	11	19	30	41	56	73	92	112	136	160	188	216	247

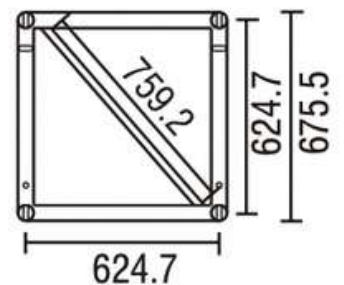
Connection: Fork fitting. Fixings: TFT truss pin and R3 R Clip

Span (metres)		3
UDL	kg	1896
DEFL	mm	6
CPL	kg	642
DEFL	mm	9

### Point Load Mid kN

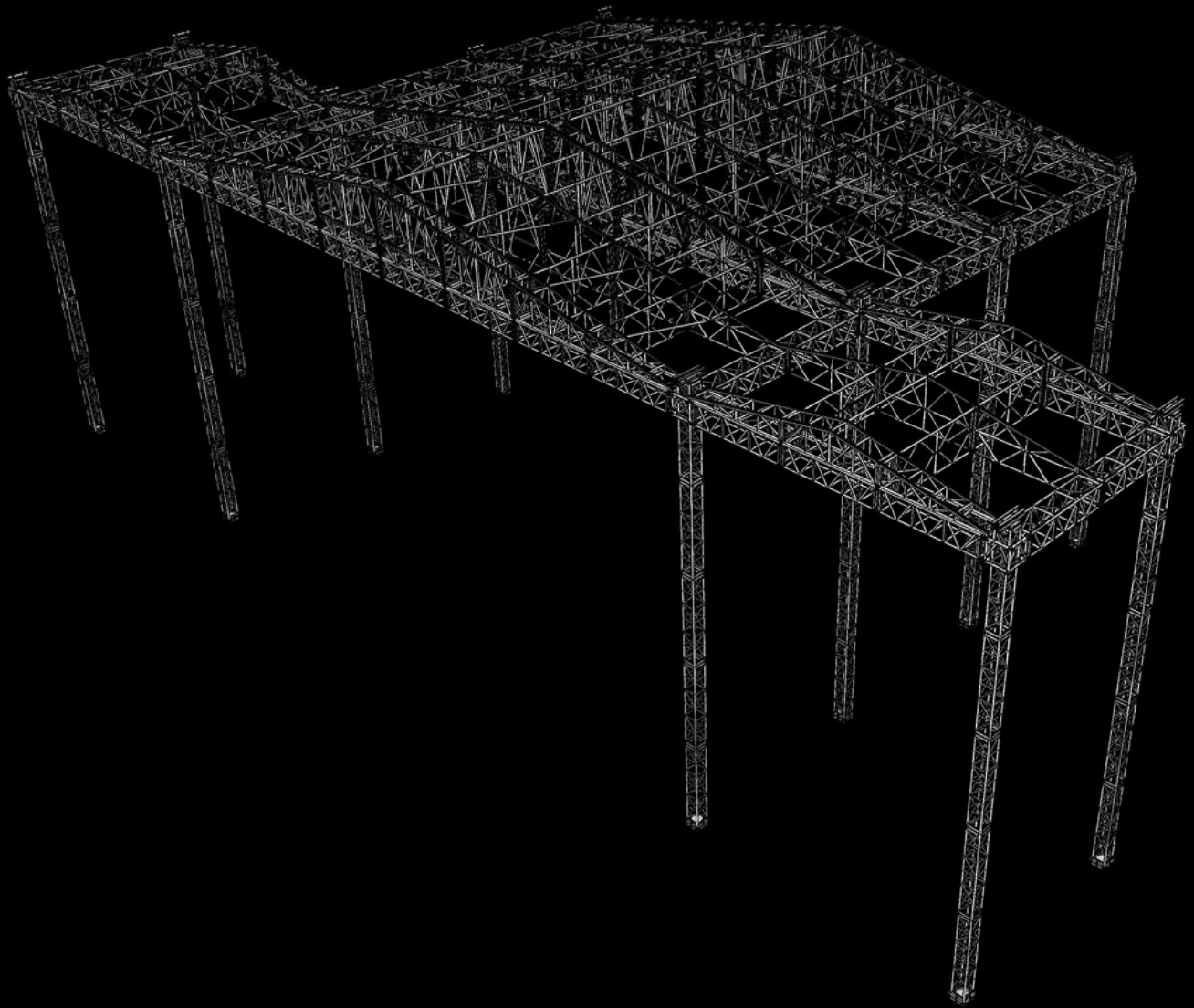


Top: 9.4  
Bottom: 16.2



- All loads are given in Kilograms
- Allowance has been made for self weight of truss
- Allowance has been made for frequent use factor of 85% according to EN17115
- The payload of the truss has been calculated as a permanent action. Should it be necessary o consider the payload as a variable action, the tabulated figures should be reduced to 90% of the given values.





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