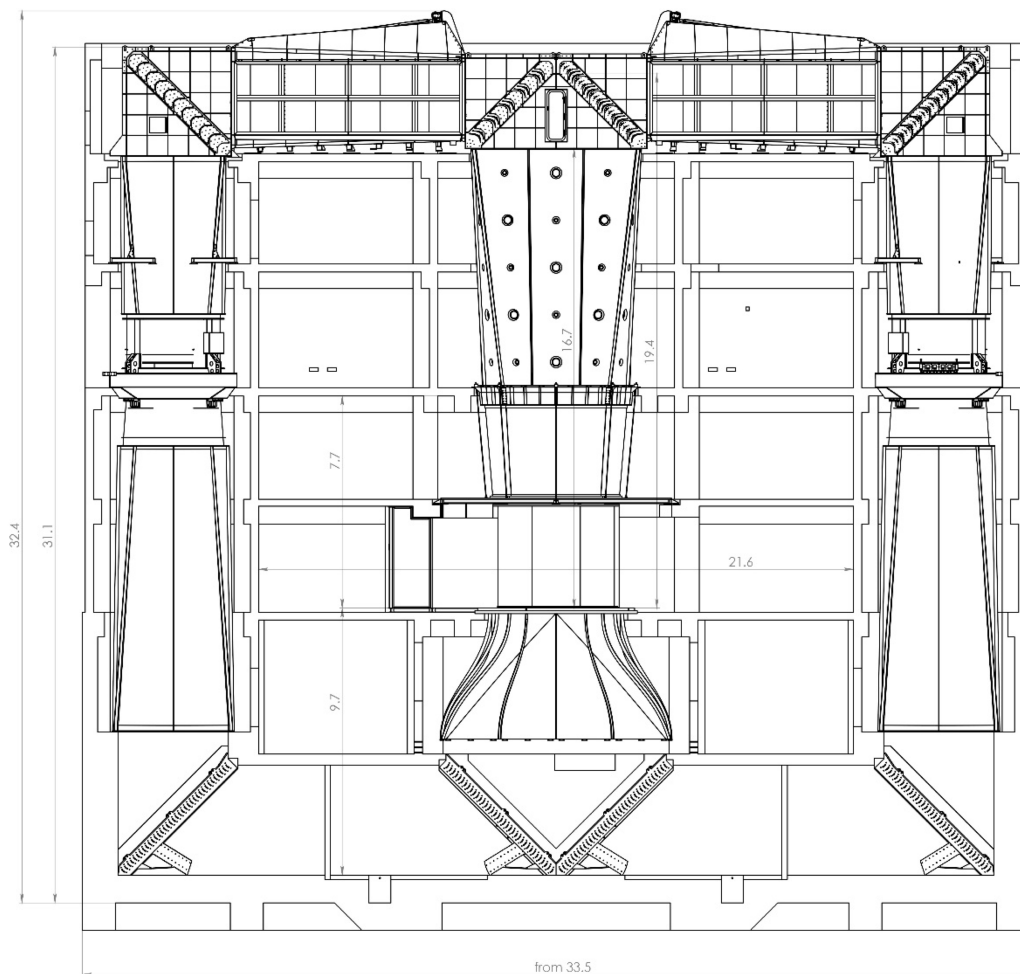


## GENERAL INFORMATION

Wind tunnel model:	TT45V1
Flight chamber diameter:	4,5m
Flight chamber height:	20m
Propulsion:	Electric driven axial fans with total power 1600KW
Pad dimensions:	33m x 11m
Overall height:	33m; the complex can be built partially underground (up to 20 m)



DESCRIPTION	SPECIFICATION
<b>WIND TUNNEL, Specification as follow :</b>	
1 Type of Wind Tunnel	RECIRCULATING
2 Diameter Flight Chamber	4.5 M
3 No of skydivers that can fly at the same time	Up to 6 belly flying skydivers and up to 24 head-down skydivers
4 Configuration on Flight Chamber	1 Instructor w/ 1 Student, 2 Instructor w/ 1 Student or 10 Professional Flyers can fly together at the same time and do manuver movement.
5 The overall height of the flight chamber from the safety net to the highest reachable point	20 m
6 The height of the glass part of the flight chamber	8 m
7 The height of the fiberglass diffuser after the glass part	8 m
8 Material of Glass	Strengthened impact resistance laminated glass w noise insulation. In case of a single crack, glass should allow normal operation. Single cracks should not propogate and cause expasions.
9 Shape of Flight Chamber	A transition from a completely round circle to a rectangular shape.
10 Number of Return Ducts	2 unit
11 The material of the return ducts	Fiberglass
12 Number of axial fans	4 Unit
13 Fan Diameter	3.5 M
14 The overall power capacity of the wind tunnel	1,600 kW
15 Location and orientation of the Axial Fans	Vertically oriented fans in the Return Duct
16 Material of Fan Blade	Made from Carbon Fibre, Light and Strong. If it is broken it is not Endanger for the skydiver.
17 Frequency	50 / 60 Hz
18 Speed of Wind	At least 300 km/h
19 Level of Noice 2 meter from flying chamber for the speed 160 km/h	Not higher than 60 dBA
20 Operator Room	Is equipped with high-end controlling terminal with UHD touchscreen display to control all the parameters of the overall facility.
21 Equipment for Students	- Jump suit - Half face Helmets - Goggles - Sport shoes
22 Equipment for Instructors	- Jump suit - Full face Helmets - Sport shoes