



VERTICAL WIND TUNNEL NOW FOR SALE

Contact Information

Mr. Jorge Restelli
jrestelli@gmail.com



IF YOU ARE LOOKING FORWARD TO BUY A VERTICAL WIND TUNNEL PLEASE SEE THE FOLLOWING PROSPECTUS.

jrestelli@gmail.com

SITUATION

Vertikal Sports is in voluntary liquidation. The extreme games company based in Buenos Aires, Argentina is discontinuing its business, due to political instability in this country. The extreme games park projected did not open to the public and is now selling its assets.

The assets include a state-of-the-art vertical wind tunnel (VWT) that is now FOR SALE.

Because of the complexity of the device here follows some questions and answers that will describe the VWT and the commercial conditions.

GENERAL VIEW OF THE PLACE



This indoor skydiving simulator (VWT) is surrounded by a concrete wall and earth that reduces substantially the vibrations and noise.

The dome is made of iron, polycarbonate material and glass. The rest of the building includes bar & lounge, classrooms and toilets.

Beneath the dome is the engine and hardware.

FAQ

Flying in a vertical wind tunnel

1) Is it safe to fly in a vertical wind tunnel?

Yes. Starters can fly at a height of up to 2 metres and advance flyers can reach a height of 7 metres. Customers are provided with helmets, flying suits, gloves, goggles and ear protectors.

2) Can the propeller hit me?

NO. There are various security levels before reaching the propeller. First it's a netting of individual leads that act as an elastic cushion and beneath this there is a security device that impossibilities object reaching the propeller.



3) What happens if the propeller suddenly stops?

This is very rare to happen. It takes 4 minutes for the propeller to completely stop once the engine is clutch-off.

4) What happens if I fall out of the flying arena?

Cushions surround the flying arena and protect people from sudden falls.

5) How many people can fly together?

We can easily fly 4 people at the same time. For beginners it is recommended to fly a maximum of more than 3 people simultaneously. The time of the flying will depend upon how the business is commercialized (individual / grouped / per time.)

6) Is the flying arena big enough?

16ft, (4.7m) air column, 145mph airflow, (we can sit fly in it). We use ordinary skydiver's jump-suits, with airspeed of 125mph for normal training.

7) How many personnel are required to operate the unit?

Two persons is the minimum for operating the VWT, one operator and one instructor. More instructors could be added if the demand increases.

8) What about the safety of the unit?

The unit has a control panel that monitors every single functioning part of the VWT. Digital clocks monitor temperature and oil pressure, RPM, wind speed, diesel oil, etc. All variables are monitored independently and in case that something unexpected happens an alarm is activated.

9) What about the noise?

It is very, very noisy, about 110 DbA. This noise can be reduced substantially using acoustic materials to absorb noise. A dynamical balancing of propeller and shafts will reduce many vibrations and noise down to about 85 DbA.

10) Who manufactures the VWT?

It was manufactured in the UK in 1999 by Terminal Velocity and then bought in January 2000 by Vertikal Sports. Both companies had to discontinue the business for different reasons and the VWT was practically not used.

11) Technical features

Diesel Consumption p/ hour	250 / 300 litres (at. 1450 rpm)
Cruise RPM	1300 / 1400 (50 / 75 kg) 1500 / 1600 rpm (80 / 95)
Aprox. Servicing for 100 hours	US\$ 950 (depends upon local costs)
Diesel deposit	At least 5.000 ltrs (we use a 15.000 ltrs deposit)
Insurance Fee	Aprox US\$ 15.000 annually Depends upon the country.
Flying area dimensions	4,7 metres diameter (16 ft)
Cushions area dimensions	13 metres diameter (44 ft)

Minimum space to fit	20 sq/m (70 sq/ft)
Minimum height to fit	6 metres (21 ft)

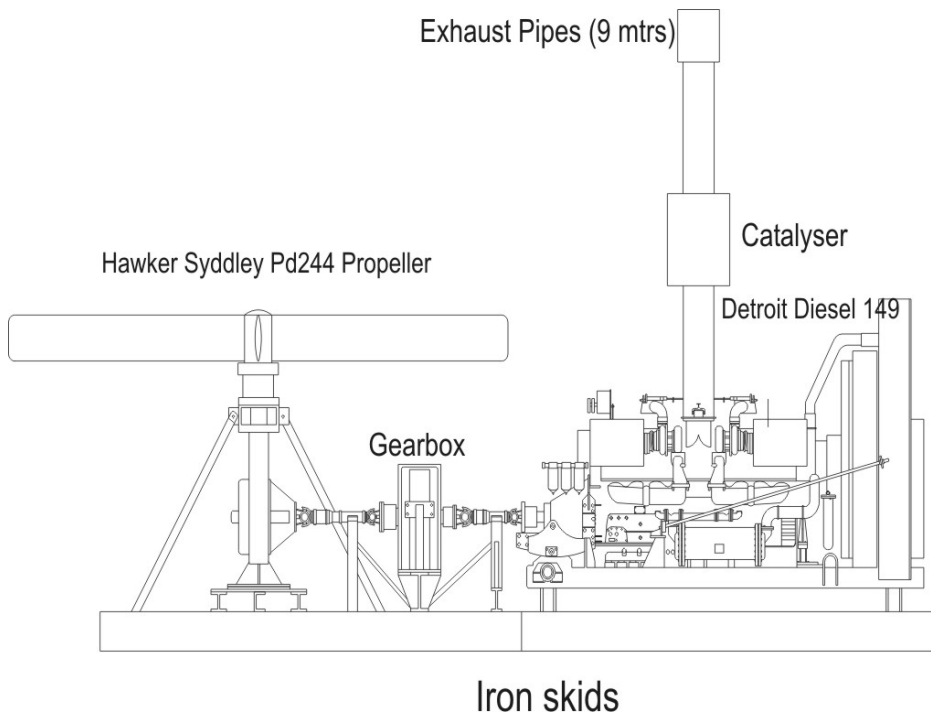
12) How much is the investment for assembling the unit?

A basic basement and structure could be done with \$ 30.000 but this figure could vary substantially depending upon if the unit is outdoor / indoor, level of noise targeted, surrounding building, and labour cost at the new location.

ENGINE AND HARDWARE

- The engine is 2300hp Detroit Diesel 149 (4 turbo)
- We use a Hawker Siddley PD244 propeller. Another propeller is included as reposition.
- And the drive shaft from a Rolls Royce Tyne engine.
- The gearboxes are all designed and built in the UK to be able to withstand 3000hp and 7,000lbft of torque.
- The machine has built into it, a fully automated health monitoring system and automatic shut down system in the event of an indicated problem, and we can warranty it for 1 year/ 4,000hrs.
- It has a remote engage/disengage system and it is fully approved by the UK Health and Safety Executive.

LATERAL VIEW





Engine

The engine is a Detroit Diesel 149 (2300 HP). The engine is practically new and was used at hospital in Canada. Some small parts were replaced to assure a better performance and long lasting. The engine is warranty 7000 hrs use with out hardware servicing.

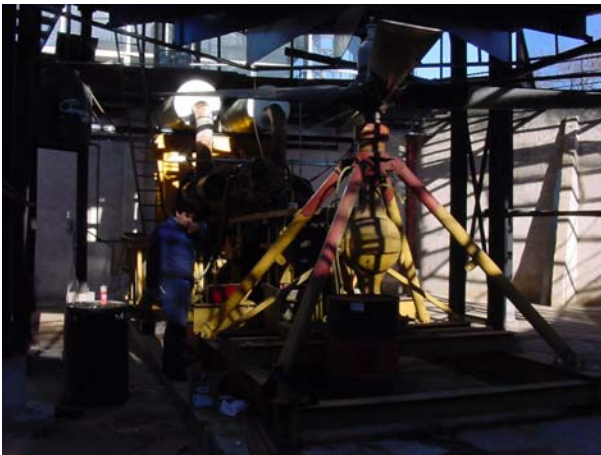
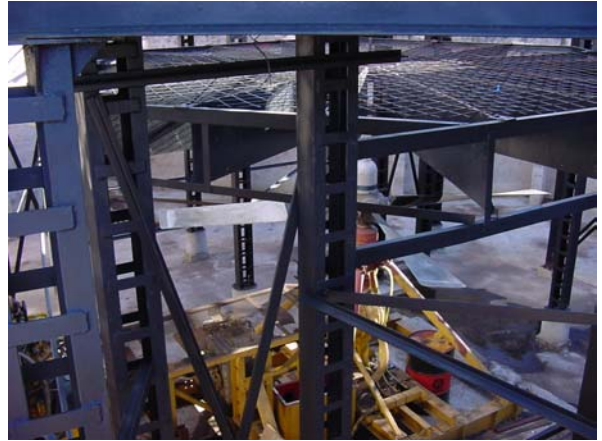
Disassembling

The VWT is still to be disassembled once it is sold to the new owner. The disassembling could be done in 4 days work and packed in three (3) containers to be shipped to new destination.

Assembling

It takes at least one week to assemble the unit. The unit is assembled over a concrete platform that remains to be built at the new location. Constructive specification will be provided to the new owner.

PICTURES





PRICING: The VWT has a price of US \$150.000

This will include:

The unit already disassembled and properly packed in 3 containers, FOB from the port of Buenos Aires, Argentina.

Detroit diesel 149 engine (1)
Catalysers (2)
Exhaust pipes (1)
Gearbox (1)
Propellers (2)
Shafts (2)
Compressor (1)
Control panel (1)
Cushions
Netting
Goggles (20)
Jump suits (20)
Bubble jump suits (4)
Pro-Tech helmets (20)
Gloves (20)

- Included would be all the commissioning, staff training/certification, and all the manuals. (Risk assessments/COSHH assessments/Ops manual/maintenance manuals/schedules/fire orders/first aid orders etc. etc.)
- Remains to be added the shipping cost to the new location.
- Original drawings from the building and technical specifications are included.
- Included would be the assistance of two (2) technicians for the assembling any were in the world.

If you have any question or want to arrange a visit to the facility please don't hesitate to contact me.

Best Regards,

Jorge Restelli
President
Vertikal Sports Co
San Martin 522, 2nd floor Of. 1
(1004) Capital Federal, Buenos Aires
Argentina
info@vertikalsports.com
phone: ++ 54 11 43 93 23 52