

What Is A POWERFAN™?

What Are POWERFANS™ And Who Builds Them?

The POWERFAN™ is a highly engineered machine that is able to provide the freefall adventure of your life; in relative safety and without needing to deploy a parachute or strap yourself by the ankle to a bungee cord! They have been designed and manufactured by Dropzone (UK) Ltd.

Dropzone is a world leading adventure engineering company. In addition to having staff with a wide range of engineering skills the Dropzone Directors have a wealth of operating experience having owned and managed outdoor adventure facilities and trained thousands of instructors in the outdoor industry.

Examples of Dropzone products include specialised ropes courses for recreational use, zip wires thousands of metres long and most famously the POWERFAN™.

What Does A POWERFAN™ Do?

They are designed for use in a recreational or developmental environment. Technically it is a device that will safely and repeatedly control a person's descent; dissipating the potential energy by means of a fan. In essence this enables users to make a very rapid descent whilst ensuring a relatively gentle landing. POWERFANS™ are designed for use under the supervision of a competent operator.

POWERFANS™ can be used from almost anything high! Notably:

- Existing adventure structures like ropes courses and climbing towers
- Trees
- Buildings
- Stand alone poles (the Power Pole)
- Cliffs
- Caves
- Bridges
- Cable Cars
- Cranes

Although participants will generally step from an elevated platform of some description they can also be used, in certain circumstances, to keep a user safe whilst they are climbing the structure in the first place. This is particularly the case when used on poles or trees.

The POWERFAN™ has been designed to conform to the relevant parts of BS: EN: 341 1992 for Rescue Devices and prEN: 15567 2006 for Ropes

Courses. At the time of writing the device is also being examined by the TÜV for independent approval and POWERFAN™ is working towards ISO 9000.

Each POWERFAN™ incorporates an integral rewind mechanism to ensure a fast and efficient recall and a counter to regulate servicing and maintenance schedules.

The machine is so efficient that a through-put of one person every minute is perfectly feasible.

How High Are The Drops? What Models Are Available?

At the moment Dropzone has two models of POWERFAN™ available.

The PF13 (up to a 13 metre / 42 feet drop) is available for sale and can be installed by any competent person (in house or otherwise). A PF20 (up to a 20 metre descent) is also being produced for sale.

The PF30 (up to 30 metres / 100 feet drop) is only available under license although this model is also available for hire (or use at public events) as part of a mobile unit known as the POWERFAN™ POD.

Later this year Dropzone will be developing a POWERFAN™ Model PF60 (60 metre / 200 foot) and in 2008 we intend to have available models with descent heights of up to 330 (1000 feet!). All these larger models will be available under license.