

BT Lites the low cost flying solution

An increasing number of theatres are realising that power flying has significant advantages over counterweight rigging. Having a system that is easy to use, safe and reliable is key to a seamless performance, especially in educational environments, worship facilities and other venues that require economical solutions.

BT Lite is the basis of an automation system that makes power flying accessible and affordable. Based on our award-winning BigTow winch range, the system combines competitive pricing with our unparalleled high quality standards.

The winch is factory fitted and tested with the control system, ensuring quick installation and activation. Standard features found on our systems are: absolute encoders, manual controls and a standard secondary brake, which is always lifted during normal operation.

We can recommend a control solution from our range that best suits your needs, from a straightforward, push-button console to a powerful, multi-playback desk. BT Lite and any of our control options may be combined with other non-power flying systems, such as stage elevators or turntables, making sure that your backstage environment is fully integrated and simple to manage.



MODEL	BT250-1200-120-70	BT250-1200-180-70	BT300-1750-120-70
WLL	545 kgf	545 kgf	793 kgf
Speed	0.6096 m/s	0.915 m/s	0.61 m/s
Weight	500 kgf	500 kgf	550 kgf
Travel	21.3 m	21.3 m	21.3m
Lines	up to 7	up to 7	up to 7
MODEL	BT300-2150-20-70	BT300-2150-45-70	BT300-2150-95-70
WLL	975 kgf	975 kgf	975 kgf
Speed	0.1 m/s	0.22 m/s	0.48 m/s
Weight	550 kgf	550 kgf	550 kgf
Travel	21.3 m	21.3 m	21.3 m
Lines	up to 7	up to 7	up to 7

NOTE: All weight estimates shown are for 21.3m travel, 7 line versions with two beam clamps, diverters, SWR, with O/A length 3.6m but not LX control box. 12.8m travel models are available with reduced weight. Voltage 380-480V. These figures are estimates for guidance only.

- BT250 only 250mm wide
- BT300 only 300mm wide
- Lightweight chassis with modular fixing options
- Absolute encoder - no need to re-datam or reset positions after a power off
- Electromagnetic secondary brake - in addition to the primary motor brake, a dynamically-rated, spring-applied, output shaft brake is fully released when the winch is moving, preventing brake lining wear
- Manual push buttons on the front panel provide local control and quick installation
- All winches are supplied with 5mm wire rope (6mm also available)
- A range of brackets, blocks and diverters allow the winches to be used in most applications without the need for customised steelwork
- Winches may be mounted vertically or horizontally to suit a wide range of applications
- Standards - E-Stop EN954-1, NFPA79-2007, NFPA 70-2007 and UL508A listed/manufactured enclosure
- 4 limit switches - 2 normal and 2 ultimate
- Simple electrical installation - control panels plug into adjacent power raceway and control and E-Stop cables daisy-chain between control panels
- Patented zero-fleet technology - allows winches to be mounted easily in any position without the concerns of fleet angle

Our expertise, your imagination [stagetech.com](https://www.stage-tech.com)