

# Basketball goals - Matchplay - Roof retractable type - Folding - Dual boom



## Details

Roof retractable basketball goals are supported from steelwork within the roof structure and are stored within the roof. They are lowered by winch down to the operational height.

All goals are manufactured from heavy duty tubular steelwork frames to accommodate the backboards. Steelwork is epoxy powder coated in either grey or white to your specification (other colours are available).

[Technical Information](#)

Most projects specify our single boom goal, but dual boom folding goals are sometimes required as they are sometimes able to achieve a better clear height when folded into the roofspace, and they can be installed closer to a wall or other obstruction behind the court.

These goals were specified by England Basketball for the National Basketball Performance Centre in Manchester and are specified for the Newcastle Eagles new High Performance Arena.

Options include:

### Winch system

- Hand winch - Each goal operates independently from its own wall mounted, ratcheted hand winch.
- Electric winch - single phase. The goals are arranged each with their own single phase electric winch. These winches are durable robust winches suitable to lift one goal. We offer a standard 1 year warranty on single phase winches.
- Electric winch - 3-phase. The goals are arranged to operate simultaneously as a pair from one roof mounted electronic winch. We use only a 3-phase heavy duty electronic motor to power the winch system. A 3-phase motor is more durable than single-phase one, will last longer and permits the micro-adjustment required to ensure accurate operation. This is a VERY low maintenance winch on which we are able to offer a 10 YEAR WARRANTY

### Operation

- Remote control - radio-frequency key-fob operated control
- Wall fixed control panel operation

### **Backboard**

- Laminated timber matchplay size (1.8m x 1.05m) backboard.
- Clear cast acrylic matchplay size (1.8m x 1.05m) backboard (acrylic is 100% recycled content with no virgin plastic).
- Backboard protection padding - we supply "bolt-on" extremely durable TuffGuard padding

### **Ring**

- Standard basketball fixed ring
- Pressure release - slam dunk - ring
- Pro-Action 180 degree FIBA approved Slam Dunk ring

### **Height adjustment**

- Available with an optional hydraulically assisted height adjustment facility to provide standard (3.05m) and junior (2.6m) ring heights

### **Safety**

- Optional freefall safety device. Also known as a load arrestor, this device operates in the unlikely event of a cable or winch failure to prevent freefall of the goals. We use a heavy duty, high specification load arrestor which is more than suitable for the requirements. This item is not a legal requirement in the UK but it is in Germany and other countries.

The video below shows 16 of these dual-boom roof suspended basketball goals we installed at the Newcastle Eagles Community Stadium all operating simultaneously: