



Ball Bearing systems



Captive Ball systems



Quick release batten car models



Luff groove tracks for sail flexibility



Track mounting slugs

# TRACK & CAR BATTEN CAR SYSTEMS

## STRENGTH & SIMPLICITY

Sailing professionals around the world choose Ronstan batten systems for superior and innovative features combined with race-proven performance and reliability. With 7 track sizes in the standard product range, there is a system with the right specifications for every boat and sail plan.

### Flexible solutions

**BB Ball Bearing** cars run on twin races of recirculating ball bearings that engage with the track profile for excellent all round performance, even when reefing while sailing off the wind.

**CB Captive Ball** cars use a combination of captive recirculating ball bearings running on the face of the track for compression loads, and sliderods to provide extra strength for high static loads. All bearings are captive, allowing for easy installation and removal.

Luff groove tracks are compatible with 'soft luff' and fully battened mainsails, making it easy to change between the two. They may be bonded to carbon masts with special adhesives.

Quick release cars make the job easier when the sail needs to be removed for changeover, repair or stowage.

### Ball joint articulation

A stainless steel ball joint link between the car and the batten receptacle provides movement in all directions with a minimum of 105° (112° for ball bearing cars) either side of centre. Ball joint links are available to suit Ronstan batten receptacles and most other types.

### Installation options

Installation can be greatly simplified for Series 19 through Series 30 by the use of threaded slugs that locate in the existing luff groove of the mast, avoiding the need to drill and tap holes for fasteners and other complications. Slugs are self-locating and allow for track installation without having to remove the mast from the boat. See page 144 for track mounting slug details.