

Custom

Series 30 RollerBall Traveller Car

Product Type:	Traveller Systems
Part Number:	T030-0806
MWL:	2950 kg (6500 lb)
BL:	5900 kg (13000 lb)
Weight:	0.93kg (2.0 lb)

This is a Series 30 RollerBall mainsheet traveller car designed to be compact and light for use on a high level TP52. The car body consists of only one component plus the Torlon® rollers and ball bearings. Machined slots in the car ends provide a simple attachment point for a 1:1 control line or for lashing on the control blocks for a purchase system. The centre slot is for securing the mainsheet block with either webbing or rope strop. The VO70 Movistar used a similar Series 42 RollerBall car.



Series 55 Deflector Block

Product Type:	Blocks
Part Number:	B055-0594
MWL:	2400 kg (5290 lb)
BL:	4800 kg (10580 lb)
Weight:	0.9 kg (1.98 lb)

This double stacked deflector block has been designed to deflect the genoa sheet and the staysail sheet on a 100' Fast Cruiser by about 15 degrees. The use of two sheaves for each sheet rather than one larger sheave helps to keep the fitting as tight into the gunwhale as possible and thus not obstruct side deck space. Wide plain bearing sheaves were used in order to keep the block as compact as possible yet very strong to handle the high sheet loads on this yacht.



Orbit Lashing Blocks

Product Type:	Blocks
Part Number:	B060-0631, B080-0702, B100-0649
MWL:	2400/3100/4500 kg (5290/6830/9920 lb)
BL:	4800/6200/9000 kg (10580/13660/19840 lb)
Weight:	0.46kg (1.0lb)

This Orbit Lashing block has been designed to be attached by means of a rope lashing through the central hole of the block. The large radius around the central hole and the shaped cheek plates protect the rope lashing from possible damage at high loads. The large bearing surface and compact design provides a block with a very high strength to weight ratio, suited for a variety of applications. On the Open 60 monohull Estrella Damm it is used as a high load block for the code zero and solent sheets, while on the Z86 Morning Glory it is used as a floating block for the transverse genoa sheet. As a runner block, the central hole can be used as the becket take-off for a 3:1 runner tail or as a checkstay attachment point. The block also makes an ideal mainsheet block lashed either to the boom or to the mainsheet car.



B100-0649

B080-0702

B060-0631

Series 30 Lightweight Batten Car

Product Type: Batten Car Systems
 Part Number: M030-1156
 Weight: 0.442 kg (0.97 lb)

This car was designed for Alex Thomson's Open 60 monohull "Hugo Boss" which uses a fixed wing mast. The objective was to make the car as light as possible, which required significant machining to remove as much material as the load requirements would allow. The car is fitted with the standard Series 30 quick release barrel to accept standard batten receptacle links.



Fixed Fairleads

Product Type: Accessories
 Part Number: M060-1140, M075-1059, M100-1060
 MWL: 1100/1900/2625 kg (2420/4190/5780 lb)
 BL: 2200/3800/5250 kg (4840/8380/11560 lb)
 Weight: 0.047/0.090/0.144 kg (0.104/0.198/0.317 lb)

These fixed fairleads are machined from high grade aluminium alloy and are supplied to boats like the X-35, A35, TP52 and larger racing yachts. A typical application is afterguy deflection, however they are suitable for various applications requiring deflection of Dyneema® lines through angles up to 30 degrees. Maximum rope diameter is 14mm for the smaller two sizes, 18mm for the largest.

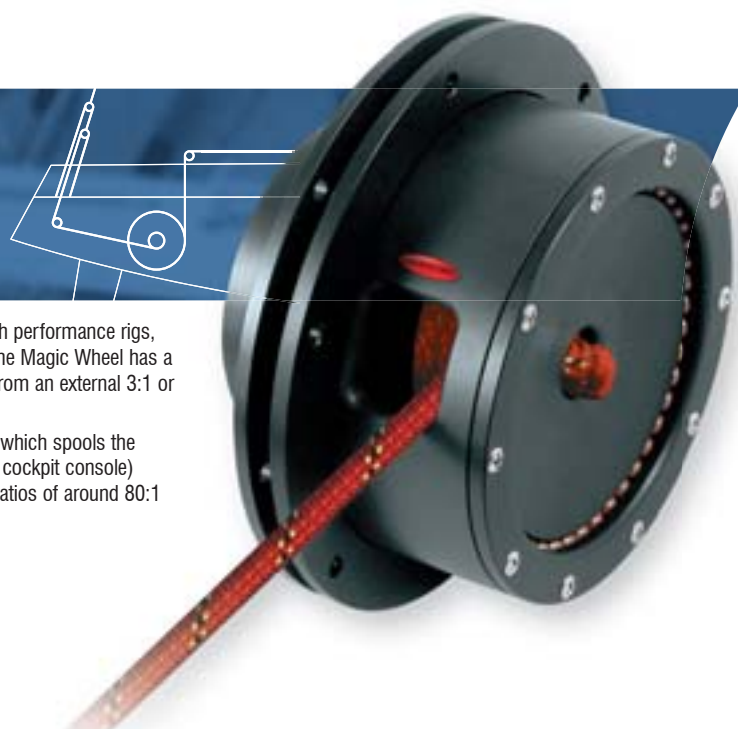


Magic Wheel

Product Type: Accessories
 Part Number: M774-1115

Faster, more precise and intuitive than hydraulics for backstay control on modern high performance rigs, our Magic Wheels are standard equipment on X-Yachts X-35. Mounted below deck, the Magic Wheel has a highly efficient ball bearing hub for spooling the primary control line, which leads in from an external 3:1 or 4:1 block cascade.

The hub unit is coupled to a large diameter composite wheel supplied by the builder, which spools the secondary control line. Trimming the secondary control line (usually led through to a cockpit console) turns the large wheel, in turn driving the Magic Wheel to trim the backstay at power ratios of around 80:1 depending on the diameter of the composite wheel.



Series 42 RollerBall Mainsheet Car

Product Type:	Traveller Systems
Part Number:	T042-0948
MWL:	5000 kg (11020 lb)
BL:	10000 kg (22040 lb)
Weight:	4.89 kg (10.8 lb)

This high load mainsheet car was designed for the athwartships mainsheet system on the STT65 "Rosebud". A Series 125 Orbit stirrup is attached to the car body. The car body is machined as a single component from the same high load Series 42 RollerBall extrusion that we used for the Volvo 70 mainsheet cars. This bearing system incorporates Torlon® rollers and ball bearings in the same bearing race for high working load and low friction.



Series 30 RollerBall Transverse Genoa Car

Product Type:	Traveller Systems
Part Number:	G030-0705
MWL:	1750 kg (3850 lb)
BL:	3500 kg (7700 lb)
Weight:	0.87 kg (1.92 lb)

This transverse genoa car has been designed for use on the new Estrella Damm Open 60 monohull. The one-piece car body is made from the Series 30 RollerBall extrusion. A compact rotating stirrup is fitted with plain bearing stainless steel sheaves to keep the car as small and low profile as possible. The two stirrup sheaves provide a 2:1 purchase for vertical control of the genoa sheet. Control of the car on the track is via a 2:1 purchase from a fixed "half moon" turning horn on the car end.



Halyard Block for 2:1 Purchase

Product Type:	Blocks
Part Number:	B080-0641
MWL:	6000 kg (13220 lb)
BL:	12000 kg (26440 lb)
Weight:	1.147 kg (2.52 lb)

This block has been designed for a 2:1 mainsail halyard attached to the head of the mainsail on a 100' Fast Cruising yacht from Southern Wind Shipyards. A plain bearing alloy 80mm (3 5/32") diameter sheave is used to keep the block as compact as possible due to space limitations at the apex of the rig and the high working load required. Special features of this block include a captive pin on the shackle for attaching to the head of the sail. All materials used are very high specification in order to achieve the high load rating required.



Series 42 Halyard Stop Car

Product Type:	Traveller Systems
Part Number:	M300-0974
MWL:	4000 kg (8820 lb)
BL:	8000 kg (17640 lb)

This Series 42 sliderod car is used to lock off the tail of a primary halyard once the sail is fully hoisted with a winch. The halyard is secured on the car, and plunger stops are then locked into position. The long tail of the halyard can then be removed and stowed until required for lowering the sail, and the winch is free for other applications. This car runs on a special Series 42 track (M300-0975) that is 1.5m (8 ft.) long and fitted with a heavy duty end stop at the top (M042-1030), and an end cap (RC14280) at the bottom. Typically this car is used on yachts up to 21m (68 ft.) but can be used on larger yachts fitted with a 2:1 halyard. A smaller version of this car has also been developed for Series 30 track.

**Alloy Thimble**

Product Type:	Blocks
Part Number:	B070-0592
MWL:	2200 kg (4850 lb)
BL:	4400 kg (9700 lb)
Weight:	0.076 kg (0.167 lb)

This simple 70mm (2 3/4") thimble is machined from solid aluminium alloy. It is used for applications with high static loads that require only occasional, minor adjustment. The friction of the rope on the plain surface is high compared to a conventional block with bearings, but it is a light, simple solution for infrequent adjustment of a high-load line. Typical applications include vang purchase and inhaulers for jib sheets. Also developed in a 55mm version (B055-0666) and an 80mm version (B080-0615).

**Series 42 QuadRace Articulated Mainsheet Traveller**

Product Type:	Traveller Systems
Part Number:	T042-0964
MWL:	1700 kg (3740 lb)
BL:	3400 kg (7480 lb)
Weight:	0.522 kg (1.15 lb)

This Series 42 QuadRace ball bearing car has been designed for the Estrella Damm Open 60 monohull for use as a combined mainsheet/vang car. Three of these cars are linked together with rope strops on a curved track, carrying a total combined mainsheet load of 5100 kg (11220 lb.). Important features of this car are its high load captive bearing system with 4 recirculating ball bearing races, and its extraordinary light weight achieved by removal of material in all non-structural areas of the body.

