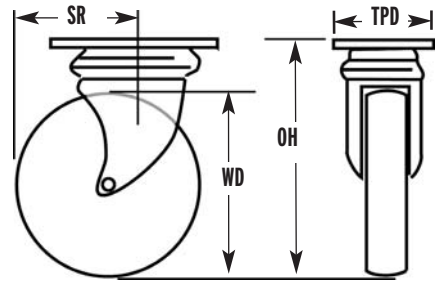


CASTORS

This page was updated 17/03/11

Castor Selection Always choose the largest wheel diameter that you can. Large wheels help reduce rolling resistance and can cope with rougher surfaces. The wheel types of the castors that Flints stock are shown on the table below.

WD = Wheel Diameter
OH = Overall Height
SR = Swivel Radius
TW = Tread Width
TPD=Top Plate Dimensions
All measurements are in millimetres



Castor Loading On a platform fitted with four castors take the weight of the platform and the load it is carrying [evenly distributed] and divide by three to take into account of uneven surfaces etc. If the platform is carrying actors then you will have to assume the worst case that the actors will all be standing on one corner of the platform and so EACH castor will have to take the entire load with an added margin for safety.

Wheel Type	For	Against	Typical Use
Nylon-[NY]	Cheap, very strong, clean, non marking.	Too noisy for use during performance.	Slave trucks, scaffolding castors, heavy duty storage trolleys not used during performance.
Revolite on Polypropylene [RL]	Quiet, floor protecting, cushioned, non marking.	Light duty castors only.	Small items of furniture, small boxes, light trucks used during performance.
Revvothane on Cast Iron [PT]	Quiet, high tear strength, 10 times the working life and 3 times the load carrying of rubber, low rolling resistance, excellent recovery from static periods.	Expensive.	All uses but especially heavy scenery used during performance.
Grey Rubber on Black Nylon	Cheap quiet non marking floor protecting.	Light duty use only.	Light trucks and furniture used during performance.
Blue elastic rubber	Soft very quiet non marking floor protecting.	Limited range from stock.	Typically used as flight case castors.
Black rubber on Plastic	Cheap quiet floor protecting medium duty.	May leave marks.	Medium weight trucks where the budget is tight.

2.60

SECTION TWO

LIGHT DUTY BUDGET CASTORS



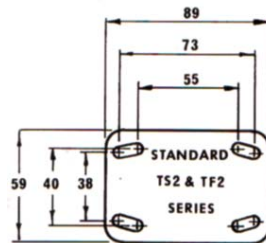
From £2.88 each!

Budget Castors This new range represents excellent value while maintaining a robust quality. They are all fitted with grey rubber tyres which are non marking and quiet in use. Available with 50 or 75mm Ø wheels. The 50mm Ø budget castors are not available in a fixed version [see light duty castors below].

Budget Castors	load capacity	OH	TW	TPD	swivel code	price	fixed code	price	swivel braked code	price
50mm wheel [LSV050RP/BR]	50kg	72	18	50x50	CAS504	£3.46	N/A*	N/A	CAS505	£4.20
75mm wheel [LS(F)V075RP/BR]	50kg	95	25	75x60	CAS506	£4.61	CAS513	£4.06	CAS508	£5.63

*See light duty castors below

LIGHT DUTY CASTORS - UP TO 70KG - REVVO SERIES TWO



Use M6 bolts

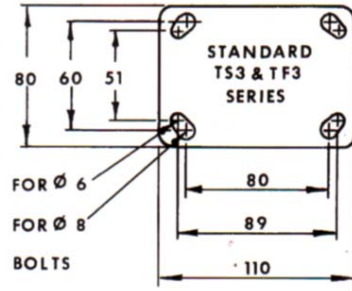
TRADELINE

Spend over £100
Save 15%
Spend over £500
Save 20%

Swivel	fixed	wheel type	load capacity	WD	OH	SR	TW	swivel code	price	fixed code	price
TS2 050 RL02	TF2 050 RL02	Grey rubber tyred	35kg	50	76	53	18	CAS103	£7.01	CAS003	£5.01
TS2 050 NY02	TF2 050 NY02	Nylon	55kg	50	76	53	20	CAS102	£5.57	CAS002	£3.84
TS2 075 NY02	TF2 075 NY02	Nylon	60kg	75	98	65	20	CAS107	£6.21	CAS007	£4.51
TS2 075 RL02	TF2 075 RL02	Revolite	36kg	75	98	65	20	CAS111	£7.89	CAS006	£6.18
TS2 100 NY02	TF2 100 NY02	Nylon	70kg	100	123	78	20	CAS110	£7.75	CAS011	£6.07
TS2 100 RL02	TF2 100 RL02	Revolite	41kg	100	123	78	20	CAS108	£9.13	CAS012	£7.38

For castors fitted with wheel brake [only available on swivels] add £3.99 and the suffix 'B' to the code.

MEDIUM DUTY CASTORS - UP TO 125KG - REVVO SERIES THREE



TRADELINE

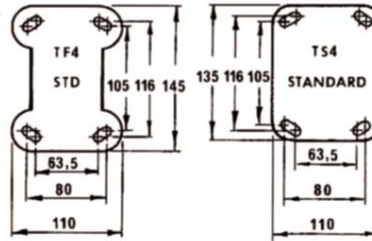
Spend over £100
Save 15%

Spend over £500
Save 20%

Swivel	fixed	wheel type	load capacity	WD	OH	SR	TW	swivel code	price	fixed code	price
TS3 075 NY03	TF3 075 NY03	Nylon	125kg	75	107	72	25	CAS117	£9.09	CAS017	£6.74
TS3 075 PT03	TF3 075 PT03	Revvothane	115kg	75	107	72	25	CAS116	£23.06	CAS016	£20.69
TS3 100 NY03	TF3 100 NY03	Nylon	125kg	100	132	84	25	CAS122	£11.16	CAS022	£8.89
TS3 100 PT03	TF3 100 PT03	Revvothane	115kg	100	132	84	19	CAS121	£25.25	CAS021	£22.97

For castors fitted with wheel brake [only available on swivels] add **£5.41** and the suffix 'B' to the code.

MEDIUM TO HEAVY DUTY CASTORS - UP TO 250KG - REVVO SERIES FOUR



Use M10 bolts

TRADELINE

Spend over £100
Save 15%

Spend over £500
Save 20%

Swivel	fixed	wheel type	load capacity	WD	OH	SR	TW	swivel code	price	fixed code	price
TS4 075 NY04	TF4 075 NY04	Nylon	160kg	75	114	73	35	CAS132	£14.54	CAS032	£9.69
TS4 075 PT04	TF4 075 PT04	Revvothane	160kg	75	114	73	25	CAS131	£29.06	CAS031	£23.83
TS4 100 NY04	TF4 100 NY04	Nylon	225kg	100	139	91	35	CAS140	£16.12	CAS040	£10.67
TS4 100 PT04	TF4 100 PT04	Revvothane	225kg	100	139	91	29	CAS141	£34.05	CAS041	£28.60
TS4 125 NY04	TF4 125 NY04	Nylon	250kg	125	164	105	35	CAS157	£19.08	CAS057	£13.60
TS4 125 PT04	TF4 125 PT04	Revvothane	250kg	125	164	105	32	CAS154	£42.02	CAS054	£36.55

For castors fitted with wheel and swivel lock [only available on swivels but not available on TS4 075 size] add **£14.18** and the suffix 'L' to the code.
For castors fitted with a wind in bolt type wheel lock add **£5.87** and the suffix 'W' to the code.

SCAFFOLD CASTORS



Scaffold Castors Flints stock the versatile plug type scaffold castors which are suitable for converting steel rostra into slave trucks [with the addition of a short scaffold sleeve if going directly into the corner post]. Fitted with strong Nylon wheels. The unbraked versions are fitted with a wind-in bolt to prevent the wheel from turning when positioned. The braked versions are fitted with an easy to use kick down wheel and swivel lock. [The picture shows the 125mm versions]

Sleeve 127mm length of scaffold tube to convert the plug to fit the corner posts of Steeldeck/Megadek rostra systems. Not needed when the castors are mounted on scaffolding legs.

Conversion sleeve	code	each
	SCF092	£1.00

Keep up to date.
This catalogue can be downloaded in handy sections from the "Our Catalogue" section of our website - flints.co.uk
Everything can now be bought online!

TRADELINE

Scaffold Castors	load capacity	WD	OH	SR	TW	code	rrp	price
SS4 125 NY04 BX2	225kg	125	159[ex plug]	105	35	CAS313	[£37.62]	£27.32
For wheel and swivel lock add £6.41 and suffix 'L' to the code [Plug size 64x38.35mm]								
SS5 150 NY05 BP8	500kg	150	200[ex plug]	129	45	CAS314	[£60.67]	£44.07
For wheel and swivel lock add £11.43 and suffix 'L' to the code [Plug size 127x38.1mm]								

SCAFFOLD CASTORS

Due to current production problems with our usual manufacturer we are temporarily stocking these scaffolding castors until production resumes!

Load Capacity: 400Kg
Wheel Diameter: 150mm
Overall Height: 180mm (exc. plug)
Swivel Radius: 110mm
Tread Width: 40mm

Scaffold Castors	load capacity	WD	OH	SR	TW	code	price
	400kg	150	180[ex plug]	105	35	CAS313	£38.59

2.62a

SECTION TWO



Flying Saucers [Ball transfer units] If you can't even fit in a low level swivel then these may help, but be careful on soft floors as they exert a very high point pressure which can cause damage. The units are really designed to be mounted facing upwards as transfer units for crates and boxes.

Flying Saucers	load capacity	WD	OH	code	each
12B 0135	25kg	25	30	CAS710	£3.50

FLIGHT CASE CASTORS



Flight Case Castors These rugged top quality castors have blue elastic rubber tyres which are quiet and non marking. Ideal for flight cases but useful whenever noise is a concern. Fitted with roller bearings. Top plate 105x85mm. Fixings 4 off M8.

Flight Case Castors	type	load capacity	WD	OH	code	price
3470UER100P6	Swivel	150kg	100	128	CAS3470	£14.17
3477UER100P62	Swivel braked	150kg	100	128	CAS3477	£18.05
3478UER100P62	Fixed	150kg	100	128	CAS3478	£10.71

TRADELINE Buy 16 mixed flight case castors less 20%

LAZY SUSANS



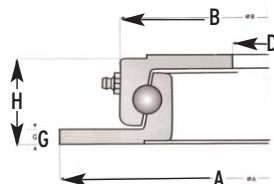
Lazy Susans These ball race rings are designed for maximum stability and smooth running. They are suitable for props and special effects. Zinc plate finish. For heavy scenery applications choose the turntables listed below.

Lazy Susans	Ø/width	OH	load capacity	code	price
Round	300mm	10mm	450kg	CAS300LS	£7.96
Square	150mm	10mm	225kg	CAS150LS	£4.46
Square	100mm	10mm	130kg	CAS100LS	£3.17

TURNTABLES



Turntables A range of ball bearing turntables ideally suited for securing revolve centres to the stage but also handy for constructing stage trucks and for revolving platforms for heavy sculptures. The flanges are undrilled.

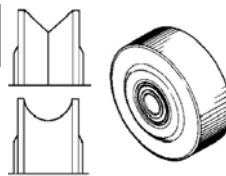


G=8mm.

Turntables	capacity	wt	ØA	ht H	ØB	ØD	code	price
	750kg	11kg	400	45	342	230	CAS400L	£232.47
	900kg	15kg	500	45	442	330	CAS500L	£238.32

Other sizes are available to order

ROLLERS



Nylon Rollers A useful range of small but heavy duty nylon rollers. For convenience each size has the same hub width and diameter bore. The rollers are fitted with two ball races with side shields making them very free running and quiet. The special feature is that they can be ordered with either a plain face, a vee groove, or a round groove. Ideal for constructing heavy duty travellers, small lifts, under stage tracking, etc. The vee grooved rollers will run smoothly on inverted angle iron tracks. Trucks will self centre if there is any width discrepancy between the tracks whereas flanged wheels running on square tracks may bind. Bore: 10mm. Hub width: 25mm.

Nylon Rollers[plain, vee or round]	code	each
50mm diameter	FHSN050/P	£11.50
50mm diameter, round groove	FHSN050/R	£12.50
50mm diameter, vee groove	FHSN050/V	£12.50

See also Black Nylon Roller on page 2.47

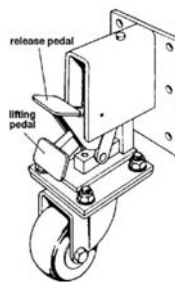


Counterweight Cradle Rollers 38mm Ø runner in acetal with a quiet polyurethane tyre. 1/2" plain bore. 18mm tread width. Fits many Halls cradles. Counterbored one side only to 3mm deep x 23.8mm diameter.

Counterweight Rollers	code	each
38mm diameter	CASCCR	£12.08

TRADELINE Buy 10 or more - less 20%

TRIPLE E UNIJACKS



Triple E Unijack

Fast operation scenery truck wheels and brakes that are ideal for quick scene changes. These top quality

fittings are designed and engineered for the most demanding occasions. Simple toe operation.

Triple E Unijack	code	each
2" Castor	UJA1	£135.00
3" Castor	UJA2	£150.00
Rubber Foot Brake	UJA3	£119.00
Spare rubber base plate for brake	UJA8	£9.00

Flints can supply plug fixing castors, pneumatic lifting castors, hospital bed type castors and Footmaster Multifunctional Castors. Please phone for details. Visit flints.co.uk to buy online