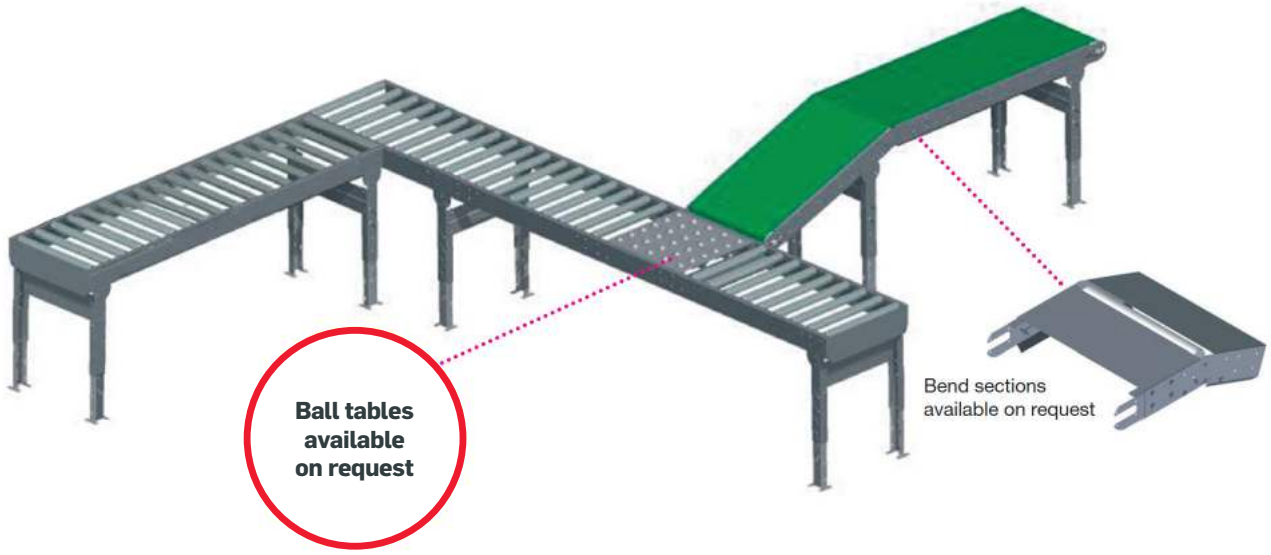
COVEYA

The Easibelt™ & The Easitrak™

This versatile range of modular conveyors answers your requirements for reliable, compact equipment that will give many years of service without going to all the expense and delay of designing purpose built units.



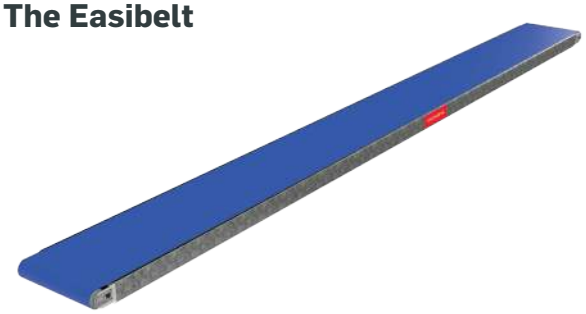
It is built up of modular sections which can be combined to easily and simply make the length you require. The sections are joined together using a unique joining system which makes for very fast installation time.

Drive and idler rollers can be simply connected to the end of any sections using the same unique coupling system. The frame is robust and heavy duty giving you a clean, long lasting investment.

EASIBELT SPECIFICATIONS	
Industry	Recycling, Agriculture, Factories & Warehouses
Power supply	230V
Type of material	Unit handling
Loading method	By hand
Mobile or static	Static
Length	Over 20 standard lengths from 0.9m – 12.9m
Belt width	300mm, 600mm, 900mm
Belt speed	0.2 - 0.9m/s
Max. incline angle	25°

EASITRAK SPECIFICATIONS	
Industry	Recycling, Agriculture, Factories & Warehouses
Type of material	Unit handling
Loading method	By hand, Roller pitch
Mobile or static	Static
Length	600mm, 1200mm, 2400mm
Belt width	300mm, 600mm or 900mm

The Easibelt



CONSTRUCTION
Standard mild galvanised steel folded to provide slider belt support in a durable fi nish.

DRIVE
Standard 0.18kW 240V / 415V 3 phase geared drum motor for long life and built-in thermal cutout for safety. (0.25kW & 0.37kW motors also available on request). Sealed to IP65 and supplied complete with terminal wire and isolator switch for wiring connection.

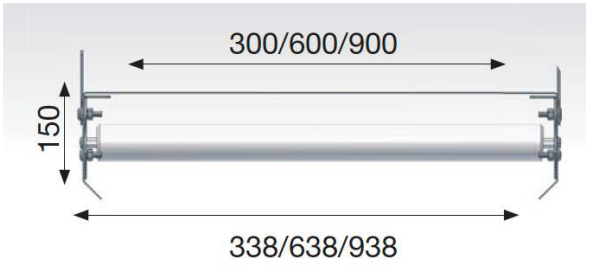
BELT SPEED
0.26m per second (15.6m per minute). Can be used with an inverter to provide for variable speed options.

CONTROLS
Choose from either direct-on-line starter in durable enclosure incorporating thermal overload for motor protection for conveyors up to 5m not requiring an emergency stop facility. Where an emergency stop facility is required this legally must be on a 12v supply and a variable speed inverter will be the simplest option to provide this facility.

BELT
Low friction back green 2 ply PVC, 300mm, 600mm or 900mm wide. Available as smooth or grip top. Belts can be clip jointed or supplied vulcanised endless.

STANDS
Fully adjustable giving belt height range of 435mm to 3500mm. Bright zinc plated fi nish. Feet incorporate holes for addition of castors or fl oor fi xing if required.

MAXIMUM LOAD
Starting approx. 250kg. Running approx. 350kg. N.B. These figures apply to horizontal conveyors with standard 415V 3 phase drive and are for guidance only. If in doubt please ask us to check your power requirements.



Easibelt cross-section showing dimensions

The Easitrak

Easitrak Gravity Roller Conveyors are a very popular affordable conveyor system. Each conveyor comes complete with a pair of end plates that can be used as either an end cover or a stop depending upon which way they are fitted.

CONSTRUCTION
Standard mild galvanised steel folded side panels with bolt in cross members in a durable finish.

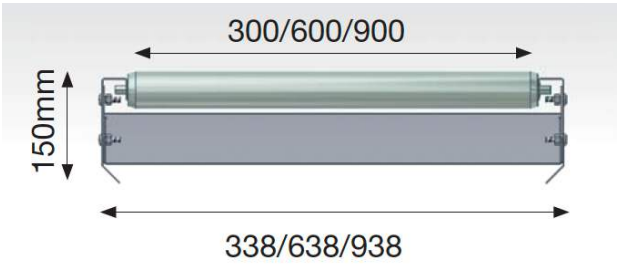
ROLLERS
50mm diameter steel bright zinc plated rollers with steel bearings and spring loaded steel spindles.

PITCH
The pitch of the rollers is variable from 67mm in 33mm increments (Standard options – 67mm, 100mm, 133mm, 166mm)

STANDS
Fully adjustable giving height range of 435mm to 3500mm. Bright zinc plated finish. Feet incorporate holes for addition of castors or floor fixing if required.

END PLATES
Each conveyor comes complete with a pair of end plates that can be used as either an end cover or a stop depending upon which way they are fitted.

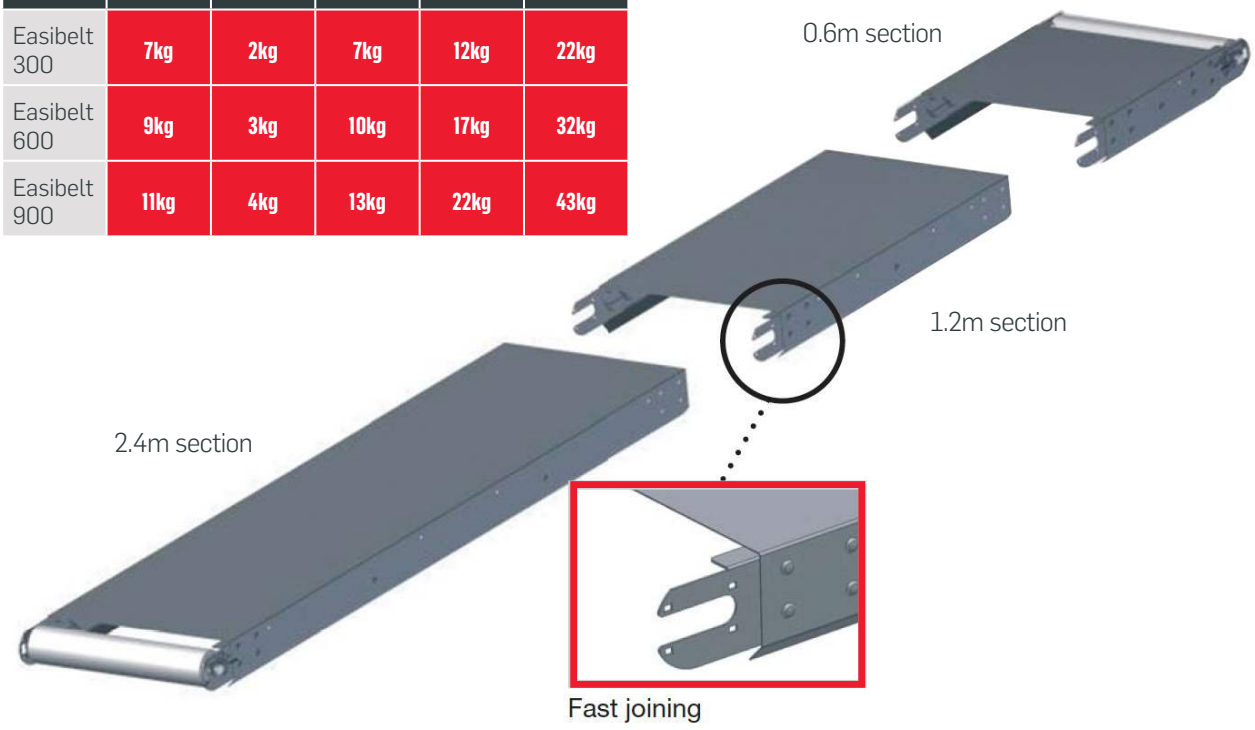
MAXIMUM LOAD
35kgs per roller. A minimum of three rollers should be under the item being conveyed at any one time. The maximum load thus depends on the size of the item being conveyed.



Easitrak cross-section showing dimensions

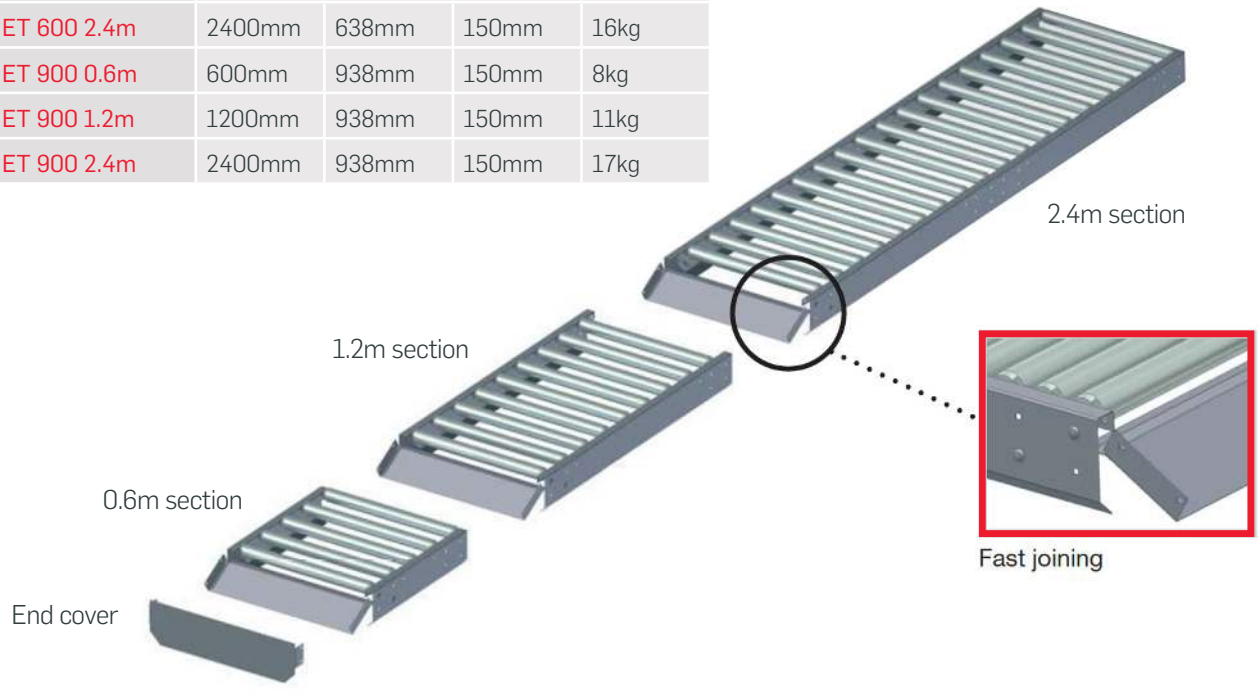
EASIBELT			
LENGTH (m)	COMBINATION OF CONVEYOR SECTIONS	NO.OF LEGS REQ.	BELT LENGTH (m)
0.9	0.6m Section	2	1.9
1.5	1.2m Section	2	3.1
2.1	0.6m + 1.2m Sections	2	4.3
2.7	2.4m Section	2	5.5
3.3	2.4m + 0.6m Sections	2	6.7
3.9	2.4m + 1.2m Sections	3	7.9
4.5	2.4m + 1.2m + 0.6m Sections	3	9.1
5.1	2 x 2.4m Sections 3	3	10.3
5.7	2 x 2.4m + 0.6m Sections	3	11.5
6.3	2 x 2.4m + 1.2m Sections	4	12.7
6.9	2 x 2.4m + 1.2m + 0.6m Sections	4	13.9
7.5	3 x 2.4m Sections	4	15.1
8.1	3 x 2.4m + 0.6m Sections	4	16.3
8.7	3 x 2.4m + 1.2m Sections	5	17.5
9.3	3 x 2.4m + 1.2m + 0.6m Sections	5	18.7
9.9	4 x 2.4m Sections	5	19.9
10.5	4 x 2.4m + 0.6m Sections	5	21.1
11.1	4 x 2.4m + 1.2m Sections	6	22.3
11.7	4 x 2.4m + 1.2m + 0.6m Sections	6	23.5
12.3	5 x 2.4m Sections	6	24.7
12.9	5 x 2.4m + 0.6m Sections	6	25.9
	LONGER COMBINATIONS AVAILABLE		

EASIBELT MODEL	DRIVE ROLLER	IDLER ROLLER	0.6m	1.2m	2.4m
Easibelt 300	7kg	2kg	7kg	12kg	22kg
Easibelt 600	9kg	3kg	10kg	17kg	32kg
Easibelt 900	11kg	4kg	13kg	22kg	43kg

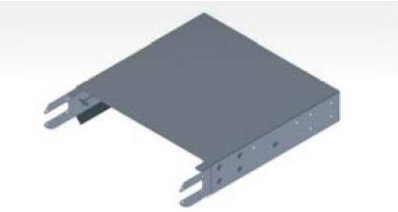


EASITRAK					
LENGTH (m)	COMBINATION OF CONVEYOR SECTIONS	NO.OF LEGS	LENGTH (m)	COMBINATION OF CONVEYOR SECTIONS	NO.OF LEGS
0.6	0.6m Section	2	11.4	4 x 2.4m + 1.2m + 0.6m Sections	6
1.2	1.2m Section	2	12.0	5 x 2.4m Sections	6
1.8	0.6m + 1.2m Sections	2	12.6	5 x 2.4m + 0.6m Sections	6
2.4	2.4m Section	2	13.2	5 x 2.4m + 1.2m Sections	7
3.0	2.4m + 0.6m Sections	2	13.8	5 x 2.4m + 1.2m + 0.6m Sections	7
3.6	2.4m + 1.2m Sections	3	14.4	6 x 2.4m Sections	7
4.2	2.4m + 1.2m + 0.6m Sections	3	15.0	6 x 2.4m + 0.6m Sections	7
4.8	2 x 2.4m Sections	3	15.6	6 x 2.4m + 1.2m Sections	8
5.4	2 x 2.4m + 0.6m Sections	3	16.2	6 x 2.4m + 1.2m + 0.6m Sections	8
6.0	2 x 2.4m + 1.2m Sections	4	16.8	7 x 2.4m Sections	8
6.6	2 x 2.4m + 1.2m + 0.6m Sections	4	17.4	7 x 2.4m + 0.6m Sections	8
7.2	3 x 2.4m Sections	4	18.0	7 x 2.4m + 1.2m Sections	9
7.8	3 x 2.4m + 0.6m Sections	4	18.6	7 x 2.4m + 1.2m + 0.6m Sections	9
8.4	3 x 2.4m + 1.2m Sections	5	19.2	8 x 2.4m Sections	9
9.0	3 x 2.4m + 1.2m + 0.6m Sections	5	19.8	8 x 2.4m + 0.6m Sections	9
9.6	4 x 2.4m Sections	5	20.4	8 x 2.4m + 1.2m Sections	10
10.2	4 x 2.4m + 0.6m Sections	5	21.0	8 x 2.4m + 1.2m + 0.6m Sections	10
10.8	4 x 2.4m + 1.2m Sections	6		LONGER COMBINATIONS AVAILABLE	

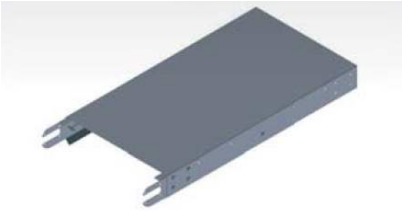
EASITRAK SECTIONS	L (mm)	W (mm)	H (mm)	Kg
ET 300 0.6m	600mm	338mm	150mm	5kg
ET 300 1.2m	1200mm	338mm	150mm	8kg
ET 300 2.4m	2400mm	338mm	150mm	14kg
ET 600 0.6m	600mm	638mm	150mm	7kg
ET 600 1.2m	1200mm	638mm	150mm	10kg
ET 600 2.4m	2400mm	638mm	150mm	16kg
ET 900 0.6m	600mm	938mm	150mm	8kg
ET 900 1.2m	1200mm	938mm	150mm	11kg
ET 900 2.4m	2400mm	938mm	150mm	17kg



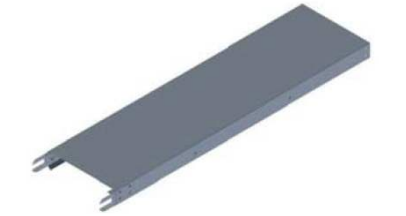
Easibelt sections



0.6m section



1.2m intermediate section



2.4m intermediate section

Conveyor belting

The Easibelt benefi ts from a low friction back, green pvc belt which is virtually stretchless and has a long life expectancy.

	SMOOTH BELT	GRIP TOP BELT
Easibelt 300	1430	1431
Easibelt 600	1460	1461
Easibelt 900	1490	1491

Jointing

Belts can be clip jointed for easy fi tting or vulcanised (endless jointed) for improved durability. Note: assembly of the conveyor will be simpler with a clip jointed belt. Using an endless vulcanised belt will require assembly of the sections inside of the looped belt.

	VULCANISED	CLIP
Easibelt 300	1438	1439
Easibelt 600	1468	1469
Easibelt 900	1498	1499

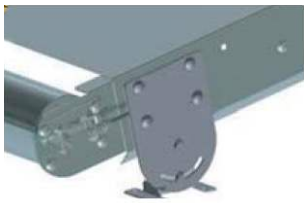
Support Stands

These stands have telescopic legs and a sturdy flanged foot which gives the option to either bolt to the floor if required or fix to castors. Heights are to the top of the belt.

Stand 1: 500mm to 675mm
Stand 2: 675mm to 975mm
Stand 3: 975mm to 1400mm
Stand 4*: 1400mm to 3500mm

	PRICE CODE			
	STAND 1	STAND 2	STAND 3	STAND 4
EB300	2331	2332	2333	2334
EB600	2361	2362	2363	2364
EB900	2391	2392	2393	2394

*Note: Stand 4 comes with cross bracing for added stability and may require cutting to achieve the desired height.



Support Feet

These can be used at the tail end of the conveyor when conveying on an incline or when the conveyor needs to run close to the ground. Sold in pairs.

	PRICE CODE
All	2330

Easibelt sections

Side Guides

60mm high Side Guides formed in mild steel in zinc plated finish. Supplied in 0.6m and 1.2m lengths and supplied with fixings to simply bolt to the side of the conveyor.

	PRICE CODE
All	ETSG

Castors

100mm diameter swivel wheeled lockable castors. Will raise height of conveyor by 130mm. Supplied with fixings to bolt directly onto the bottom of the support stands.

	PRICE CODE
All	SLCA

Starter Box

Direct-on-line starter in durable enclosure incorporating thermal overload for motor protection. Sealed to IP65 and wired to lead and plug. Supplied premounted to a mounting bracket ready for installation.

	PRICE CODE
240v	1374
415v	1375

Emergency Stop Station

Emergency stop station to BS418 with twist-to release button. Supplied loose for fi tting at any point on the conveyor. It is a legal requirement to have an Emergency stop facility within 10m of any part of the moving belt.

	PRICE CODE
All	632

Variable Speed Controller

This environmentally friendly controller will reduce your running costs and its soft start will reduce wear giving longer life to moving parts. Supplied loose. Provides a variable belt speed to suit your application. Totally enclosed and sealed to IP65.

	PRICE CODE
240v	1381
415v	637

Easitrak sections

0.6m section

1.2m intermediate section

2.4m intermediate section

Rollers

Bright zinc plated 50mm rollers with semi-precision bearings and spring-loaded shaft.

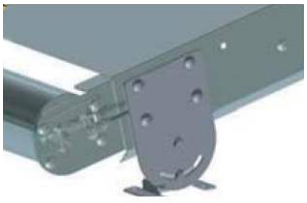
Easitrak 300	3000-300R
Easitrak 600	3000-600R
Easitrak 900	3000-900R

Support Stands

These stands have telescopic legs and a sturdy flanged foot which gives the option to either bolt to the floor if required or fix to castors. Heights are to the top of the rollers:

Stand 1: 500mm to 675mm
Stand 2: 675mm to 975mm
Stand 3: 975mm to 1400mm

	PRICE CODE			
	STAND 1	STAND 2	STAND 3	STAND 4
EK300	2331	2332	2333	2334
EK600	2361	2362	2363	2364
EK900	2391	2392	2393	2394



Support Feet

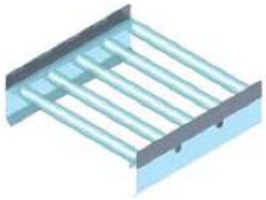
These can be used at the tail end of the conveyor when conveying on an incline or when the conveyor needs to run close to the ground. Sold in pairs.

	PRICE CODE
All	2330

Castors

100mm diameter swivel wheeled lockable castors. Will raise height of conveyor by 130mm. Supplied with fixings to bolt directly onto the bottom of the support stands.

	PRICE CODE
All	SLCA



Side Guides

60mm high Side Guides formed in mild steel in zinc plated finish. Supplied in 0.6m and 1.2m lengths and supplied with fixings to simply bolt to the side of the conveyor.

	PRICE CODE
All	SLCA