



**Specialist conveyor systems**  
for the Water Treatment and Reservoir  
maintenance industries



## Water Treatment

Coveya work with water treatment and reservoir management customers throughout the UK. We have a range of market-leading conveyor solutions some of which have been designed and manufactured with the water treatment industry in mind.

### Easikit™ Mobile

The Easikit™ mobile 600, 900 & 1200 all have variable discharge heights and are easily moved around site. They are durable and weatherproof with a hydraulic ram achieving inclines of up to 34 degrees.



## Specialist conveyor systems

for the Water Treatment and Reservoir maintenance industries

**Coveya has over 30 years' experience of manufacturing and supplying market-leading conveyors systems for hire and purchase that support a range of sectors and applications including the water treatment and reservoir industries.**

With a real commitment to customer care, training and maintenance, Coveya conveyors are robust, flexible, cost & energy efficient and mobile. We offer free onsite visits with a team of experts who are always on hand to ensure your conveyor is fit for purpose and fully supported.

From sewage and water treatment to dewatered sludge, dried biosolids, cake, wastewater handling and reservoir maintenance, our range of conveyors get the job done.

SPECIFICATIONS			
Power supply	110V or 415V	Belt width	600mm, 900mm, 1200mm
Type of material	Aggregate, Recyclables, Sludge, Soil	Belt speed	0.2 m/s – 1.2 m/s
Loading method	By hand, Excavator, Small machine, Wheelbarrow	Maximum throughput	100 tons p/h
Mobile or static	Mobile	Hopper size (if used)	Variable
Length	Up to 14.86m	Max. incline angle	35°
Weight	Variable 100kg/m		

#### CONVEYOR

Sub frame may be used with standard EK600, EK900 or EK1200 sections.

#### CONSTRUCTION

Galvanised mild steel box construction for durability.

#### WHEELS

Two pneumatic tyred wheels with radial slewing facility as standard.

#### HEIGHT ADJUSTMENT

Twin telescopic struts with pins provide variable discharge height. Hydraulic ram with hand pump included as standard for ease of lifting and lowering. Ram fitted with hose burst safety valve.



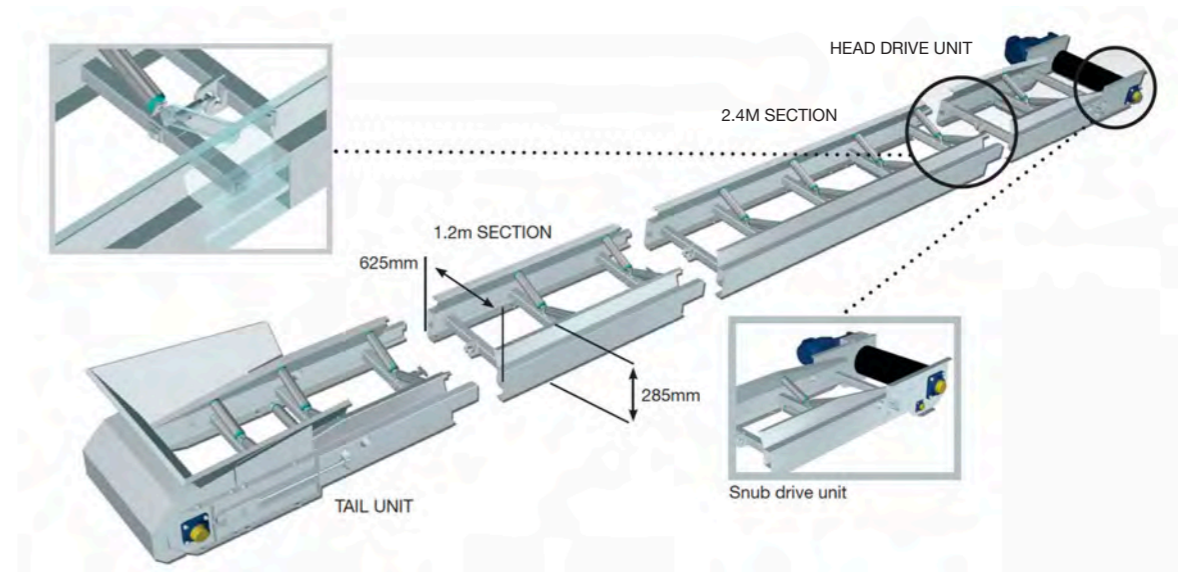
## Easikit™ 600

The Easikit™ 600 is designed for considerable output and ease of loading by machine.



SPECIFICATIONS			
Power supply	415V	Belt width	600mm
Type of material	Aggregate, Rubble, Small rubble, Soil, Dewatered sewage	Belt speed	0.2m/s – 1.2 m/s
Loading method	By hand, Excavator, Small machine, Wheelbarrow	Maximum throughput	100 tons p/h
Mobile or static	Static	Hopper size (if used)	785 x 850mm or 940 x 940mm
Length	Up to 40m	Max. incline angle	35°
Weight	Variable 70kg/m		

SECTIONS	L (mm)	W (mm)	H (mm)	Kg
Head Unit (no motor)	1505	930	285	85
Head Unit (with motor)	1525	1015	300	120
Base tension unit	1545	730	285	93
1.2m section	1350	620	285	43
2.4m section	2550	625	285	85
Available lengths	2.86, 4.06, 6.46, 7.66, 8.86, 10.06, 11.26, 12.46, 13.66, 14.86, 16.06, 17.26, 18.46, 19.66, 20.86, 22.06, 23.26, 24.46, 25.66, 26.86			
Other	Plain, 15mm chevron, 50mm cleated belt		Fully galvanised	



### DETACHABLE FEED HOPPER

2 standard sizes available both fitted with rubber skirts to cut material roll back.

### MEDIUM STEEL HOPPER

Galvanised mild steel construction - approximately 940mm square x 500mm. Ideal for initial feed point.

### SMALL STEEL HOPPER

Galvanised mild steel construction - approximately 850mm x 785mm x 300mm deep.

### BELT

600mm wide 2 ply black rubber either plain or fitted with 15mm chevron pattern or with 50mm

high cleats at 600mm pitch for conveyors operating at steeper inclines. Nitrile (oil resistant) belt also available for special applications. Belts can be clip jointed for easy fitting or vulcanised (endless jointed) for improved durability.



## Easikit™ Radial

This bespoke, built to order Easikit™ Radial 600, 900 or 1200 is perfect where slewing movements and variable discharge positions are needed. It rotates through 360 degrees and is supplied with a hydraulic ram and hand pump for easy height adjustment.



SPECIFICATIONS			
Power supply	415V	Belt width	600mm, 900mm, 1200mm
Type of material	Recyclables, Sludge	Belt speed	0.2 m/s – 1.2 m/s
Loading method	By hand, Excavator, Small machine, Wheelbarrow	Maximum throughput	25 tons p/h
Mobile or static	Mobile	Hopper size (if used)	785 x 850mm
Length	Up to 12.46m	Max. incline angle	30°
Weight	1000kg		

### CONVEYOR

Sub frame may be used with standard EK600, EK900 or EK1200 sections.

### CONSTRUCTION

Galvanised mild steel box construction for durability.

### WHEELS

Two solid tyred wheels.

### HEIGHT ADJUSTMENT

Twin telescopic struts with pins provide variable discharge height. Hydraulic ram with hand pump included as standard for ease of lifting and lowering. Ram fitted with hose burst safety valve.



## Reservoir, Dam and Tideway Projects

With market leading conveyors that are mobile, robust, powerful and modular, we can help with the removal or relocation of aggregate, spoil and sediment throughout a range of sites including those with limited access or tunnels. Our team are on hand to help you select the right conveyor for your reservoir project.

## Easikit™ 450

The Easikit™ 450 is a simple and compact modular system with a large capacity, which is perfect for low volume material handling.



SPECIFICATIONS			
Power supply	110V or 415V	Belt width	450mm
Type of material	Aggregate, Small rubble, Soil	Belt speed	0.9m/s
Loading method	By hand, Small machine, Wheelbarrow	Maximum throughput	50 tons p/h
Mobile or static	Static	Hopper size (if used)	630 x 800mm
Length	Up to 20m	Max. incline angle	45°
Weight	Variable 50kg/m		

### DETACHABLE FEED HOPPER

Fitted with rubber skirt to cut material roll back. Standard feed hopper of galvanised mild steel construction - approximately 630mm x 800mm x 300mm deep. Ideal for initial feed or transfer points between conveyors.

### BELT

450mm wide 2 ply black rubber either plain or with 15mm chevron pattern or fitted with 50mm high cleats at 500mm pitch for conveyors operating at steeper inclines. Nitrile (oil resistant) belt also available for special applications. Belts can be clip jointed for easy fitting or vulcanised (endless jointed) for improved durability.



## Invader 45™

Designed for mobility, power and ease of use, our unique 'plug and play' conveyor provides an immediate solution. It's really easy and quick to set up and move around site with its optional wheeled undercarriage.

### PRODUCT FEATURES



SPECIFICATIONS			
Power supply	110V	Hopper size (if used)	650 x 800mm
Type of material	Aggregate, Small rubble, Soil	Max. incline angle	40°
Loading method	By hand, Small machine, Wheelbarrow	Hopper size (if used)	650 x 800mm
Mobile or static	Mobile, Static	Max. incline angle	40°
Length	4m or 6m	Belt load	200kg
Weight	160kg or 200kg	Motor power	1.5kW
Belt width	450mm	Max discharge height	2525mm or 3715mm
Belt speed	0.75m/s		
Maximum throughput	50 tons p/h		

The Invader 45™ is extremely reliable (with 99% trouble-free rental across 9,000 rental days), low maintenance, economical to run and has been designed to eliminate downtime.



CASE STUDY

# Thames Tideway Project

## Water Treatment

### FLO JV are constructing part of the Thames Tideway super sewer tunnel project on the Albert Embankment close to Vauxhall Bridge.

The site is located on the foreshore and has tight space constraints making delivery of material to the tunnel shafts difficult. Coveya were called in to assess the feasibility of installing a temporary conveyor solution to move backfill material from the delivery area along the river path to the newly constructed cofferdam in the river approx. 80 metres away.

The river path has been closed to the public and is used by multiple teams working on or within the cofferdam – the traditional method of using wheeled plant to transport the backfill material would not only have been inefficient and costly, but brought safety challenges too.

Our proposal included a 3D drawing to assist with the project planning and then our fitting team installed the conveyors, which were a bespoke solution based on our Easikit™ 600 conveyor.


The conveyors were loaded by an excavator and then material was efficiently discharged 80m away into the cofferdam by the conveyors, before being levelled and compacted by another excavator.



**COVEYA**  
COVEYA.CO.UK

**TALK TO THE COVEYA TEAM TO FIND OUT MORE**

Call 0800 915 9195 | [sales@coveya.co.uk](mailto:sales@coveya.co.uk)

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