



SEPARATION SYSTEMS

CONSEP®  
Concrete Reclaimers



Manufactured by RONCUZZI®

HYDROSCREW LTD

Tel: 0161 777 9290



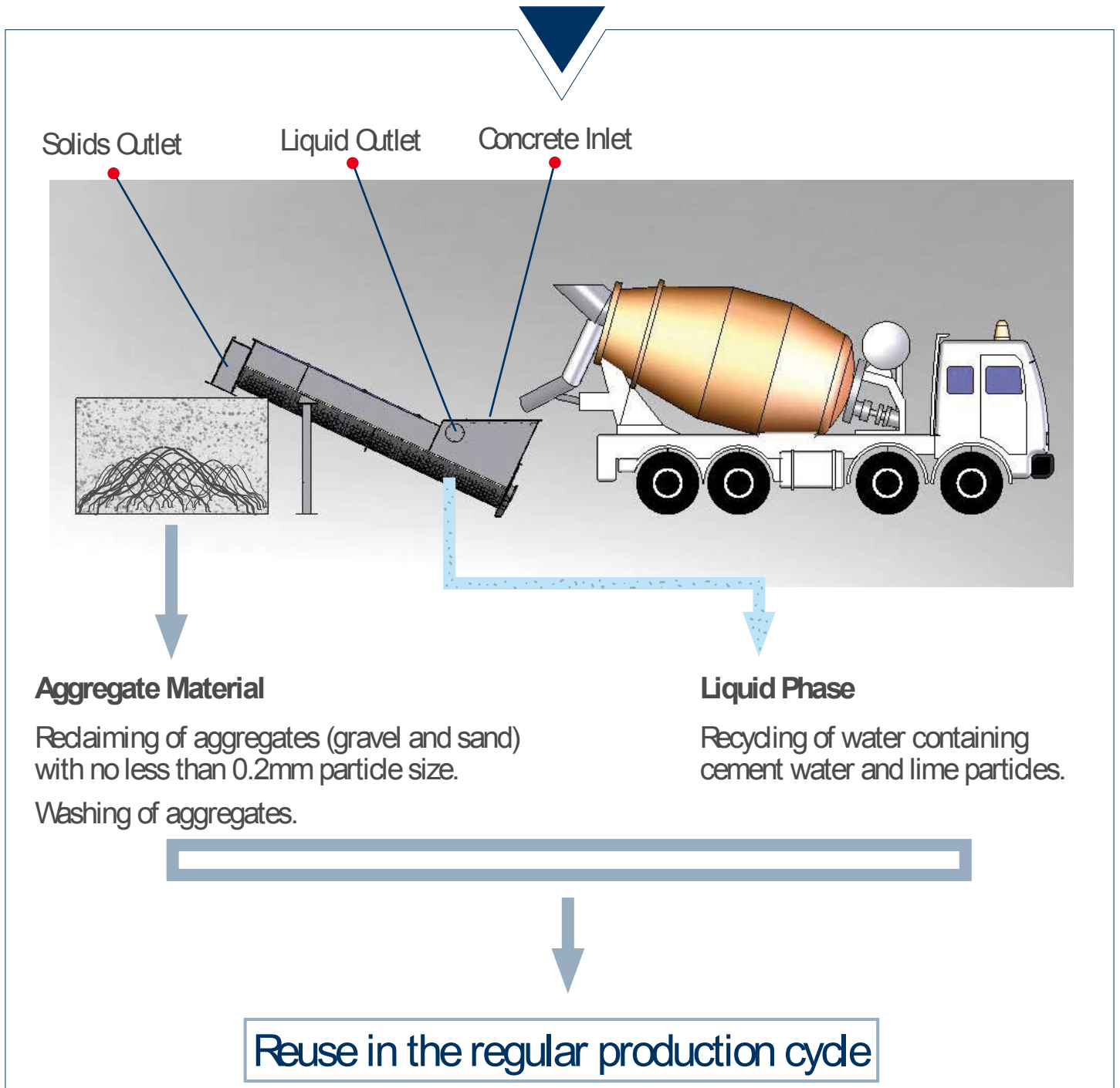
# CONSEP®

Concrete Reclaimers  
SEPARATION SYSTEMS

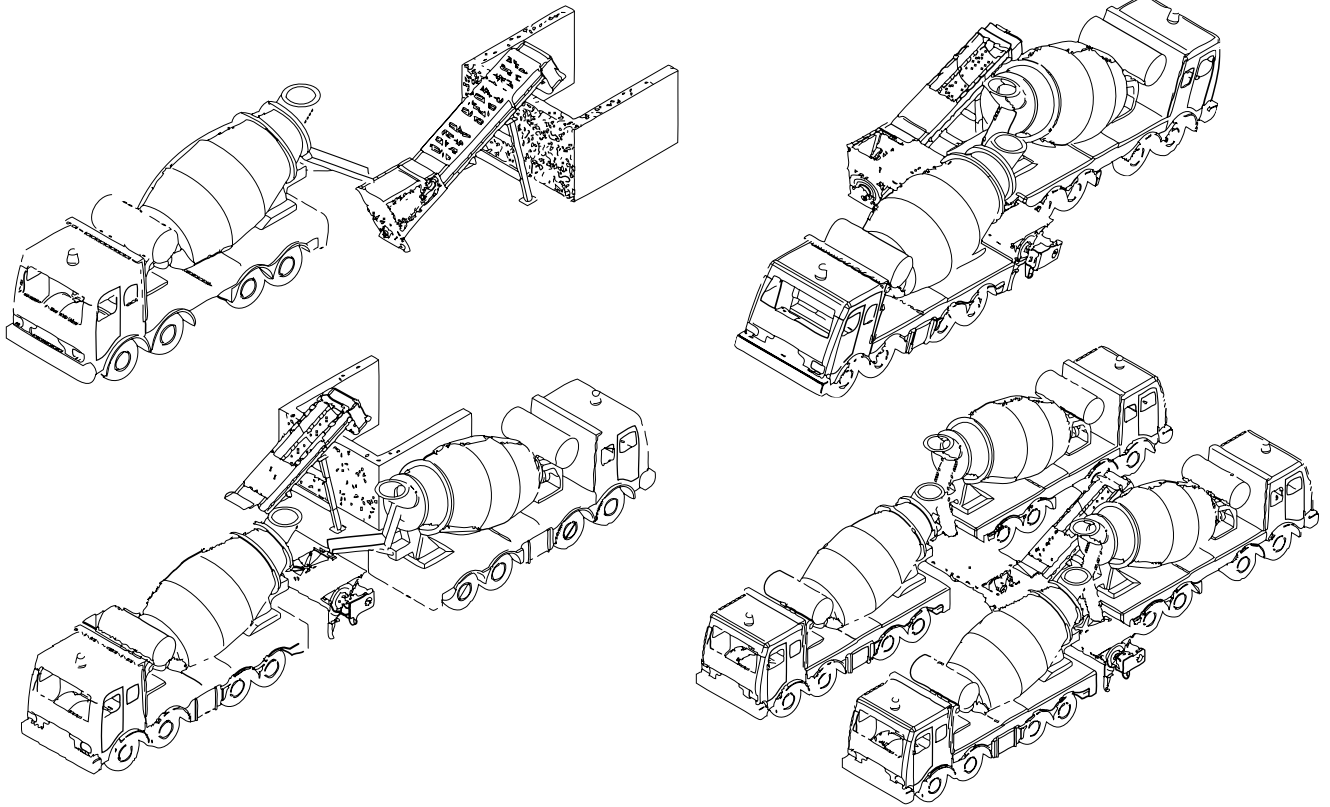
Specially designed for use in concrete plants, CONSEP® is highly efficient, reliable and innovative.

By reclaiming sand and aggregates from residue concrete washed out from truck mixers or concrete pumps returning from job sites, CONSEP® perfectly meets the requirements of environmental directives which concrete manufacturers now have to comply with. In particular, those directives concern:

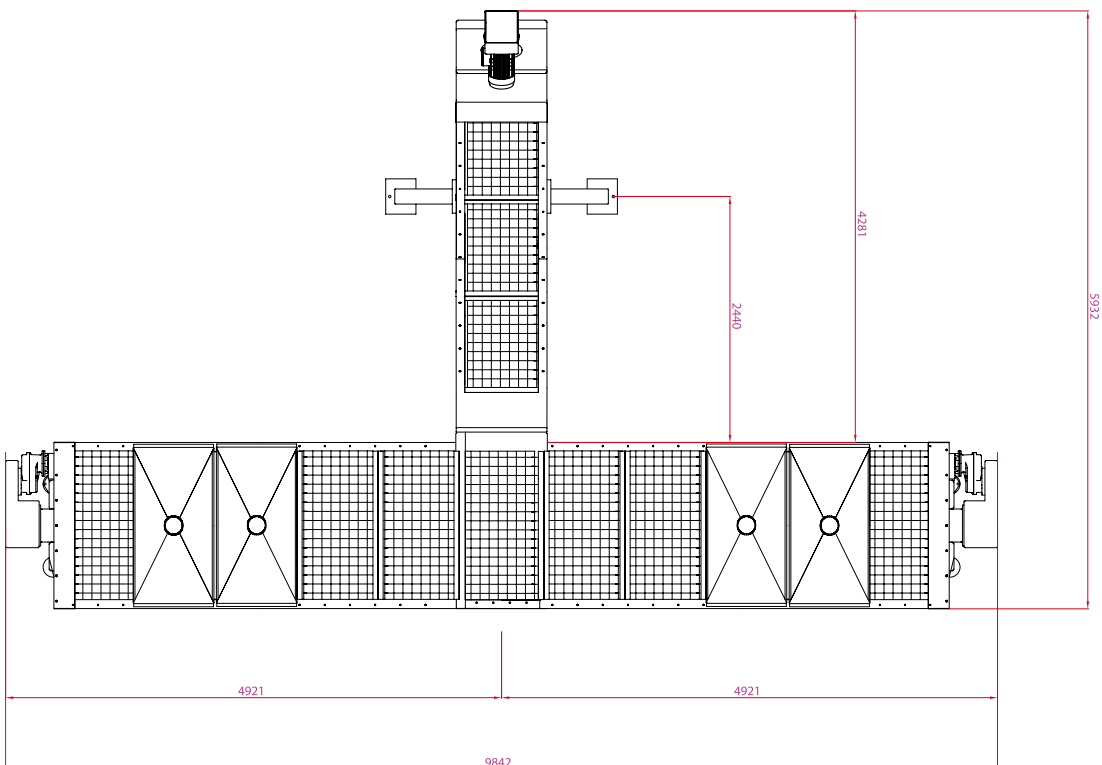
- Environmental impact;
- Prevention of pollution;
- Re-introduction of waste water into production of ready-mixed concrete;
- Recycling of reclaimed aggregates to be reused in concrete production.



# 4 solutions for tip-top efficiency

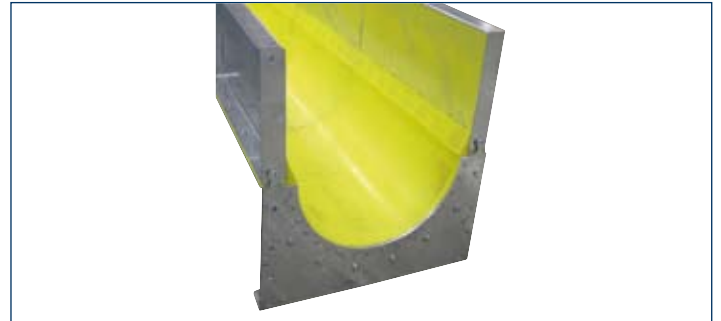


Maximum number of truck mixers per hour	16
Maximum recycling capacity per truck mixer (m <sup>3</sup> of diluted concrete)	1
Operating time (hours per day)	24
Simultaneous unloading stations	4





Ribbon Screw



Trough

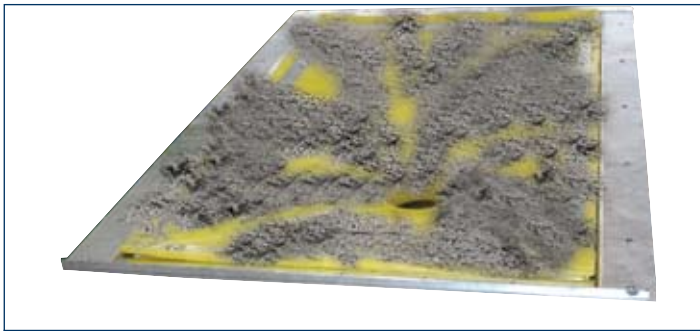
## Benefits

Use of innovative, modular SINT® components

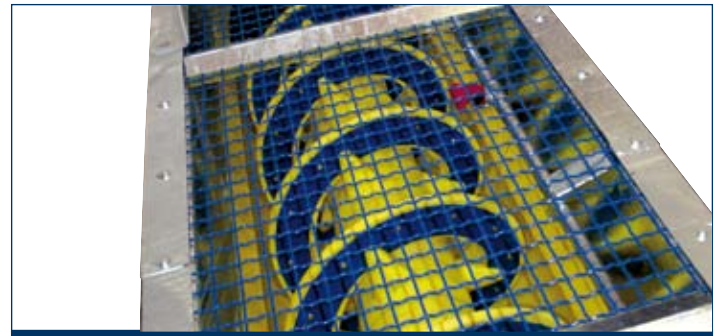
- **Energy-saving** thanks to fast operating cycles
- **Small quantity** of water used for washing
- Simple, quick **maintenance**
- **Top performance** in terms of non-stick properties and resistance to abrasion
- **Excellent separation** and washing of aggregates
- **Fully automatic control** of flow rate when unloading concrete into the Reclaimer



Lower Bearing



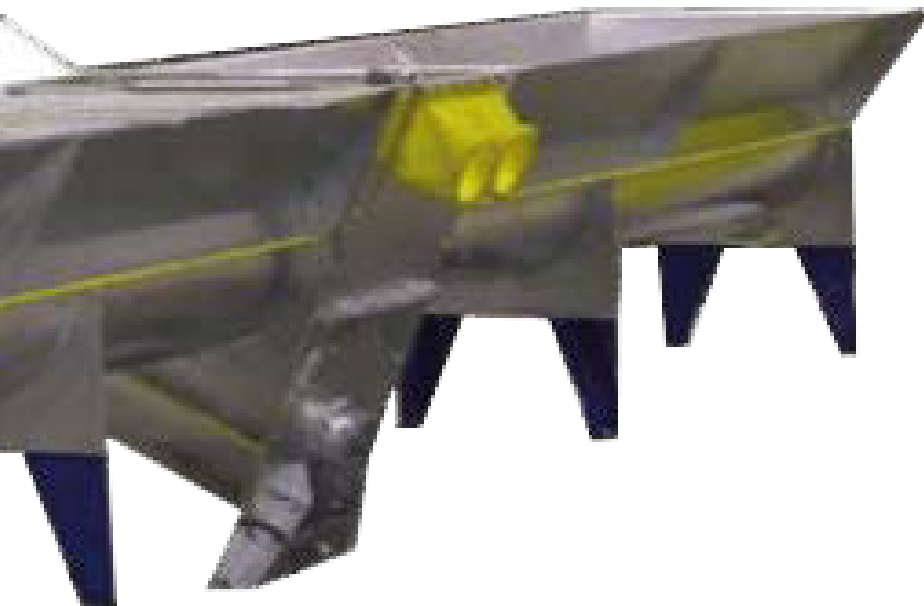
**Batch Hopper**



**Accessibility**

## Benefits

### Use of the feeder



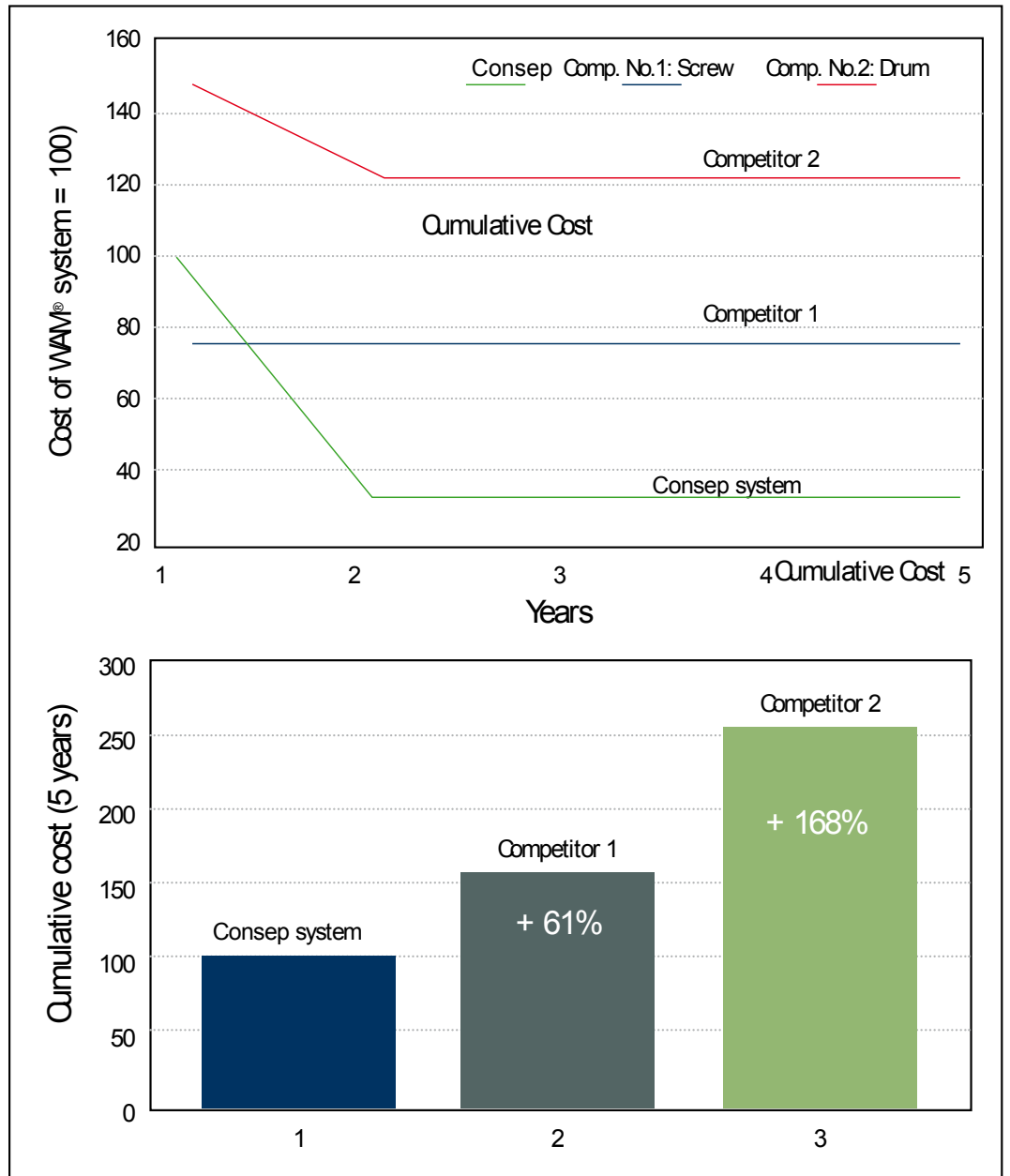
- Up to 4 vehicles can be unloaded at the same time
- **Lower costs** due to shorter waiting time for washing and removal of residue concrete from the vehicles
- **Energy-saving** since the system works for a shorter time at the maximum flow rate
- **High recycling capacity**
- **Highly efficient solids-liquid separating action** thanks to the large amount of water present
- **Large capacity for settling and extracting of fines**



**Power Transmission**

Model S

Comparison between cumulative costs of competitive systems PERIOD OF 5 YEARS

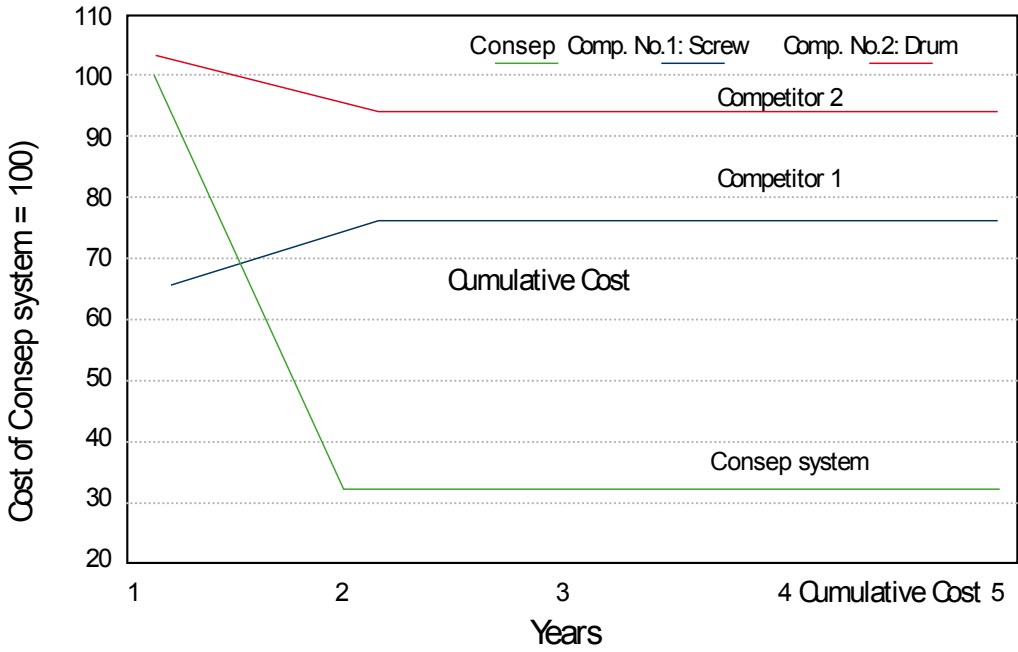


Model S

Model L

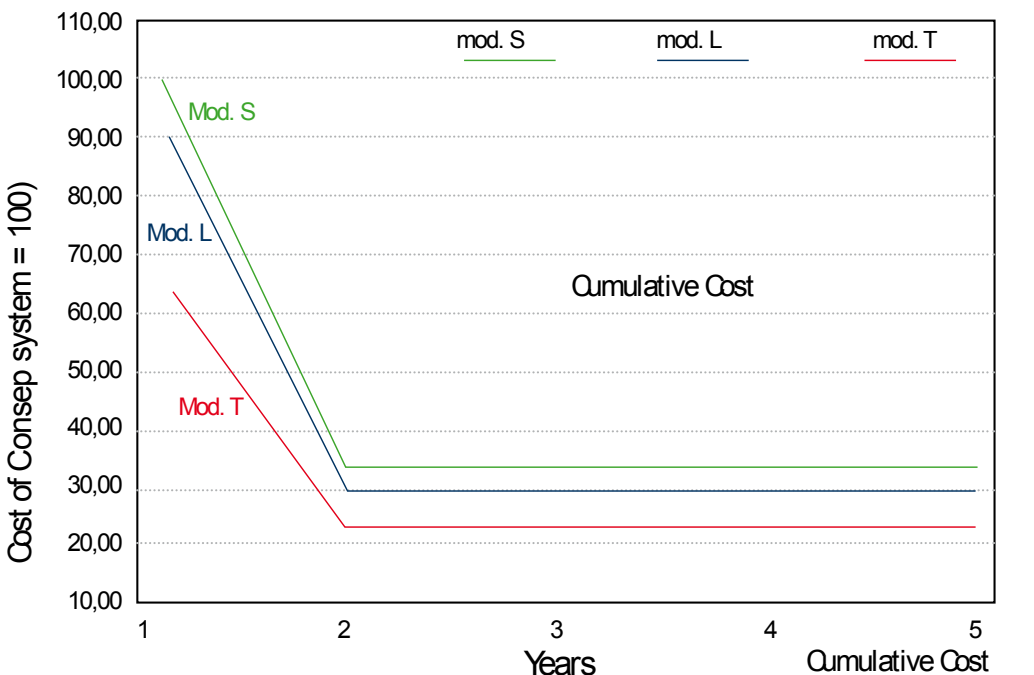
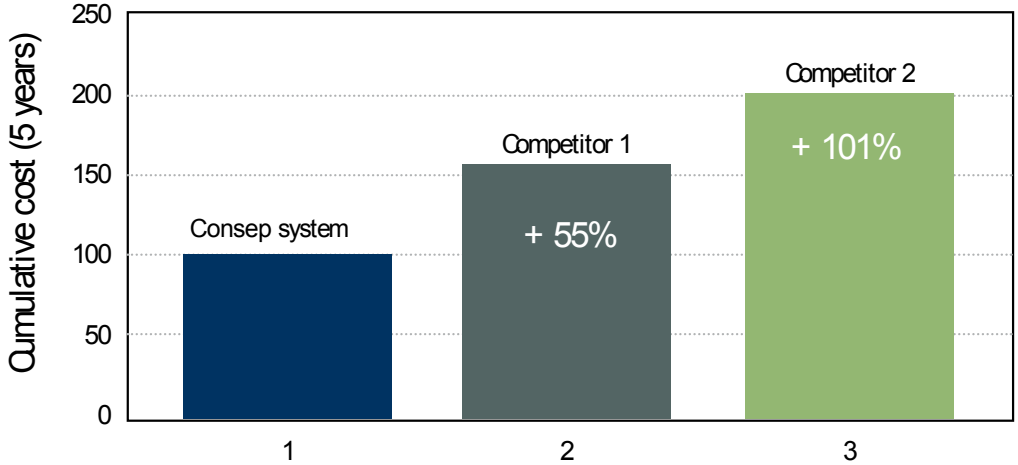
Model T





Model L

Comparison between cumulative costs of competitive systems PERIOD OF 5 YEARS



Comparison between models S - L - T

# Applications



For more details, visit our website  
[www.hydroscrew.co.uk](http://www.hydroscrew.co.uk)

