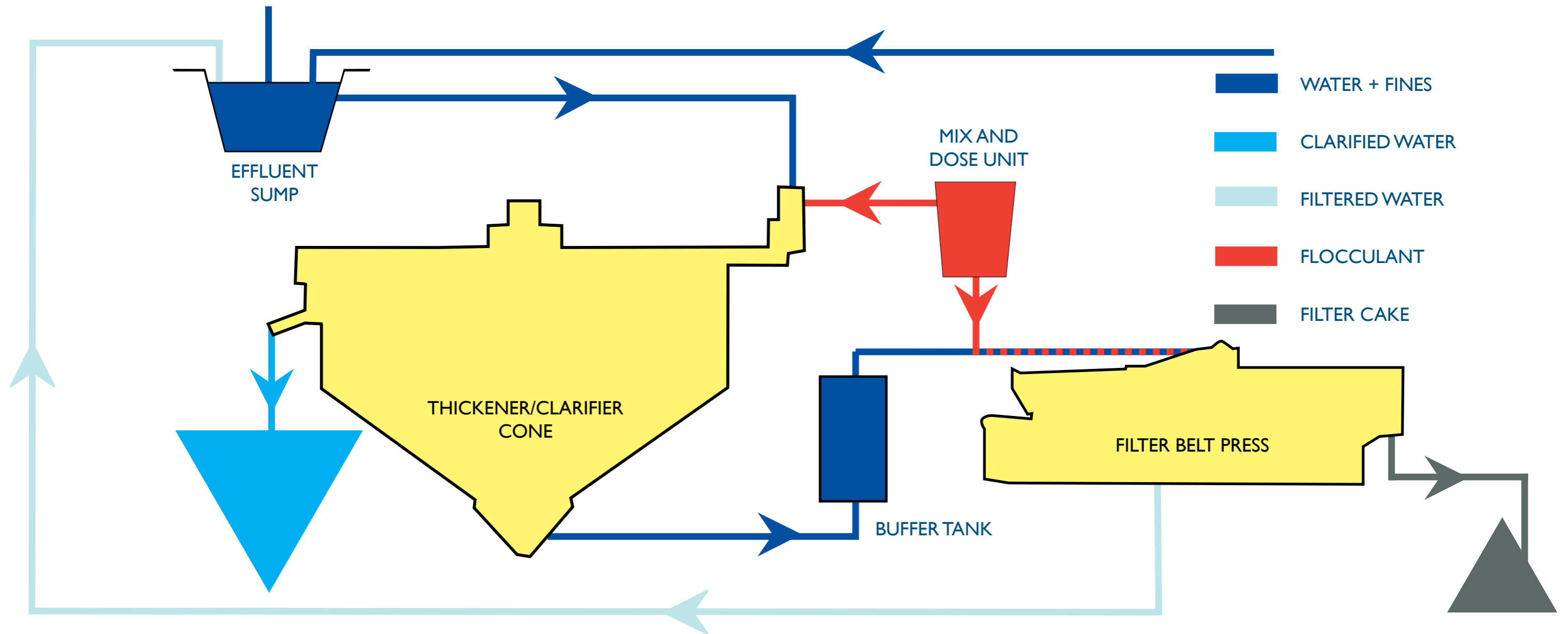


## Filter Belt Presses



# Filter Belt Press

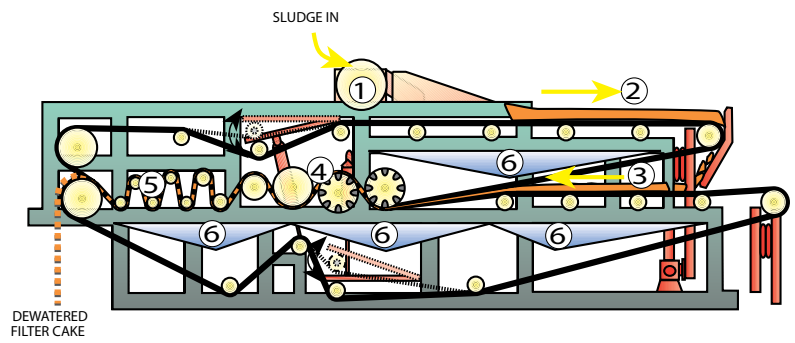


# How it works

The process is very simple. The sludge is treated with a polymer and then squeezed between two filter belts to remove the liquid.

The Parnaby press can run continuously, providing much higher throughput for equipment footprint size, compared to centrifuges and batch processes such as plate and frame presses.

It is easy to make adjustments realtime to maximise throughput, filtrate quality and cake dryness. This also enables the Parnaby belt presses to receive inconsistent changeable materials, often seen in many recycling and waste applications.



- |                             |                             |
|-----------------------------|-----------------------------|
| 1. Feed box                 | 4. High pressure zone       |
| 2. Free drainage zone       | 5. Shear zone               |
| 3. Gradual compression zone | 6. Filtrate collecting tray |

## Benefits

- High throughput
- Continuous operation
- Dewatered, easy-to-handle filter cake
- Excellent quality of filtrate
- Minimal operator supervision
- Maximum reliability
- Minimum maintenance
- Low capital cost

## Specifications

- Fully galvanised anti-corrosion frame
- Long life, double-row spherical bearings
- Heavy duty rollers with Imm irathane coating
- Variable pneumatic belt tensioning
- Variable speed main drive
- Stainless steel filtrate collection pans
- Long life polyester filter belts
- Stainless steel belt washing sprays

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## Our range



0.75M



1.0M



1.5M



2.0M



2.5M



3.0M

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