



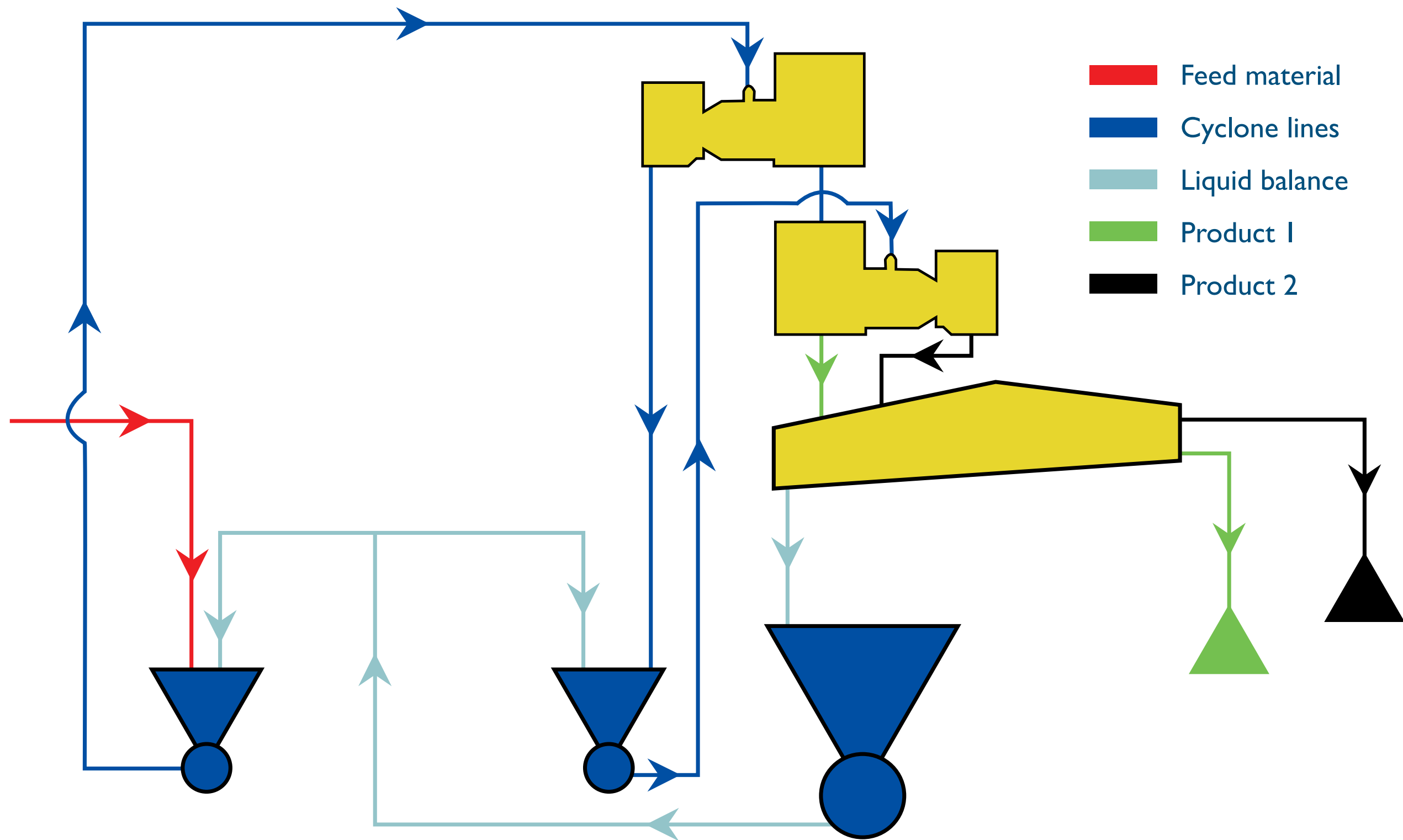
PROCESSING EXCELLENCE SINCE 1973

Hydro-Cyclone Separators



www.parnaby.co.uk

Hydro-Cyclone Separators



How it works

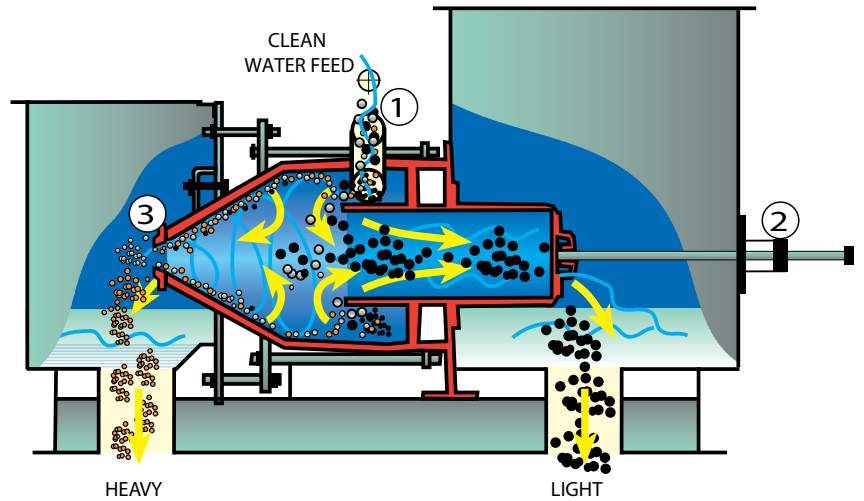
Within the cyclones the small particles are separated by centrifugal and vortex action (the cyclone itself does not move).

The water/particle mixture is pumped into the side of the cyclone tangentially and swirls around creating a vortex in which the lighter particles are drawn to the middle and out to a dewatering screen.

The heavier particles are thrown by centrifugal force to the wall of the cyclone and are discharged at the opposite end.

Cyclones can be used alone or in a system. Larger plants may include banks of cyclones operating together.

Cyclone-only plants are suitable for the cleaning of small material of less than 50mm particle size.



- 1. Feed pipe (at tangent to cylinder)
- 2. Adjuster for central vortex tube
- 3. Cyclone spigot

Our range



200C
Raw feed: <6mm



300C
Raw feed: <15mm



380C
Raw feed: <25mm



500C
Raw feed: <50mm