Innovations

Advances in the manufacture of potato starch inspired us in the nineties to introduce a number of innovations in the cassava starch industry.

**Root Washer**

The traditional paddle washers were replaced by rotating washing drums using a water saving counter current flow.

**Rasper**

High-speed raspers (graters) improved the extraction and yield.

**Starch Extractors**

Closed CIP-capable centrifugal screens in series enabled fruit water as flushing fluid and water savings.

**Hydrocyclones**

Centrifuges were replaced by hydrocyclones in serial batteries.

The counter current flow saved water. The fruit water became more concentrated and useful.

Process

New Operation Control Center (OCC) improved the overall quality and manpower utilization.

Motor Control Center (MCC) enabled new and cost-effective factory layout.

The process and process control gave flexibility in design of any capacity from 2½ t/h of starch and up.

Most important was the higher starch quality matching any international standard.

**Starch Dryer**

Another innovation was flash dryers with practically no dust in the exhaust air.

Achievements

- High purity
- High yield
- Low water
- Low energy
- Flexible design