
GILSON ENGINEERING

ORANGE JUICE GUIDE



Instrumentation and Control Products for Orange Juice Production...

ORLANDO, FL

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From The Grove.....To The Carton

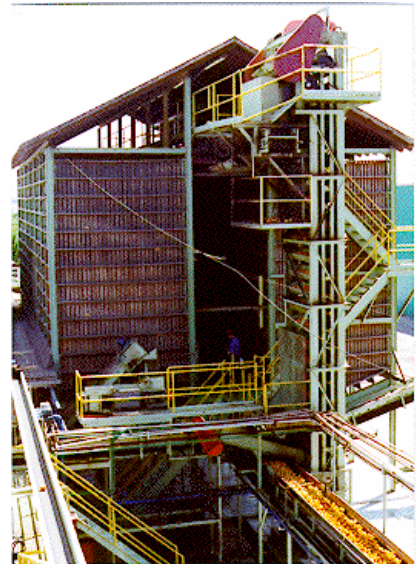


The Grove

***Grove Irrigation – Sparling Propeller Flowmeters,
SeaMetrics Insertion Turbine Flowmeters
Pump Pit Flood Warning – Drexelbrook or GEMS
Pump Panels – Moore Industries Isolators, Precision
Digital Panel Indicators/Displays***

Fruit Receiving

Bin Level – Drexelbrook Point Level Switches



Fruit Processing

***Sanitary RTDs and Temperature Transmitters –
Moore Industries***

Pressed Liquor pH – Electro Chemical Devices

***Pressed Liquor Level – Drexelbrook Ultrasonic Level,
Thermo Measuretech AccuWave Radar***

Oil Separator Outlet Flow – Sparling Tigermag Magmeter



Fruit Processing

Sterilizer Flowrate – Sparling TigerMag Magnetic Flowmeter
Blend Tank Level – Drexelbrook RF Admittance

Fog Filler – Drexelbrook RF Admittance
Motor Load Balancing & RPM Control –
Moore Industries
Steam Flow – Sparling Vortex

Flow Switches – GEMS
Pressure Transducers & Switches – GEMS or
ITT Neo-dyn



Feed Mill

Feed Mill pH Control – Electro Chemical Devices
Molasses Level – Drexelbrook RF Admittance
Peel Slurry Tank Level – Drexelbrook RF Admittance

Packaging and Juice Storage

Concentrate Temperature – Moore Industries
Concentrate Level – Thermo Measuretech AccuWave Radar



Packaging and Juice Storage

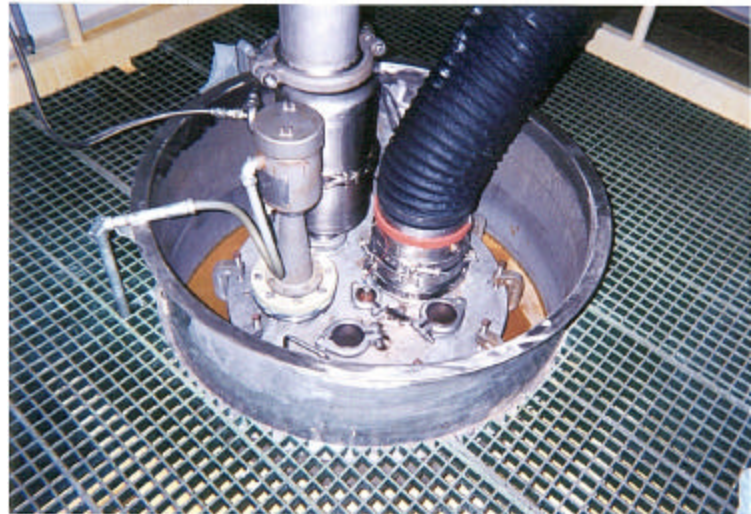
CIP/Wash/Caustic Flow – SeaMetrics All Plastic Flowmeter

“Ready To Serve”/Aseptic Storage Level – Thermo Measuretech AccuWave Radar



Ammonia Leak Warning – Sensidyne Gas Monitors

Inventory Monitoring – Thermo Westronics Chart Recorders



Waste Water Treatment

Wastewater Flow – Sparling Magmeters and Propeller Flowmeters

Effluent pH – Electro Chemical Devices

Open Channel Flow – Drexelbrook Ultrasonic

Pit Level – Drexelbrook Ultrasonic

Pump Alternating Control – Precision Digital

Chart Recorders – Thermo Westronics

Linking Remote Areas To Plant – Elpro Wireless I/O