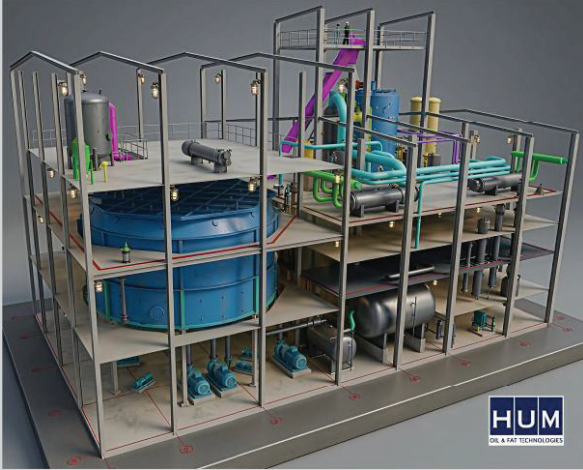




Based on HUM's engineering experience since 1960 and continuous feedback from our customers, we have developed the new generation **HUM Rotary Bucket Type Extractor**. This design delivers high efficiency, low operating costs, and stable process performance in **HUM Solvent Extraction plants**.

- 50 to **6.000** tons/day capacity for cake or flake inlet to Solvent Extraction.
- Flexible configurations suitable for various oilseeds.
- Applicable for small, medium, and largescale industrial plants.
- Countercurrent washing for effective oil recovery.
- Low residual oil content in meal.
- Smooth material flow and efficient drainage.
- Efficient steam and power consumption.
- Continuous material flow throughout operation.
- Uniform washing performance across all buckets.
- Sealing and vapor control system.
- Environmentally and economically efficient operation.
- Wellstructured mechanical design.
- Easy access to critical components for maintenance.
- Long drainage zone to reduce solvent carry over to DTDC.
- Suitable bed depth for efficient extraction.
- Multistage miscella washing.
- Efficient solvent utilization.
- Effective miscella separation.

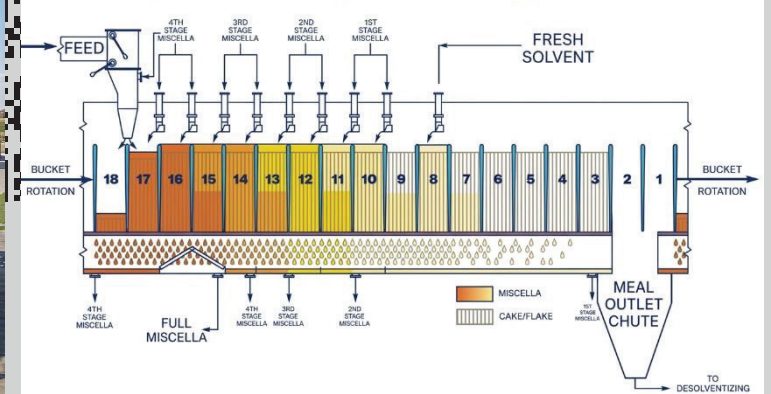
FEATURES



- Suitable for standard oilseed processing lines.
- Low personnel requirement with userfriendly operation and maintenance.
- Automation and digital control system available upon request.
- Engineered to limit solvent vapor leakage.
- Designed for safe and environmentally friendly operation.
- Scalable design to meet different capacity requirements.
- Suitable for integration into existing plants.
- Compatible with advanced control systems.
- Precise monitoring and control of process parameters.
- Durable material selection.
- Long service life with reliable operation.
- Specially designed Vprofile stainless steel wedge wire screens to prevent clogging during operation.



Principle of Rotary Bucket Type Extractor



HUM, a pioneer in edible oil technologies, leads the market in extraction systems. The extraction systems developed and installed by HUM operate reliably across the globe.

HUM, which has been actively operating in the field of solventbased oil seed extraction, is proud to have installed tens of reference solvent extraction plants worldwide, with capacities ranging from 50 to 6.000 tons per day.

With extensive experience in the field and the regular appearance in the market, HUM solvent extraction technology is being progressed continuously in order to meet the evolving needs of its customers.



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