

# EXCEL VACUUM OIL DRYER



*Palm Oil Mill Equipment Specialist*

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# VACUUM OIL DRYER

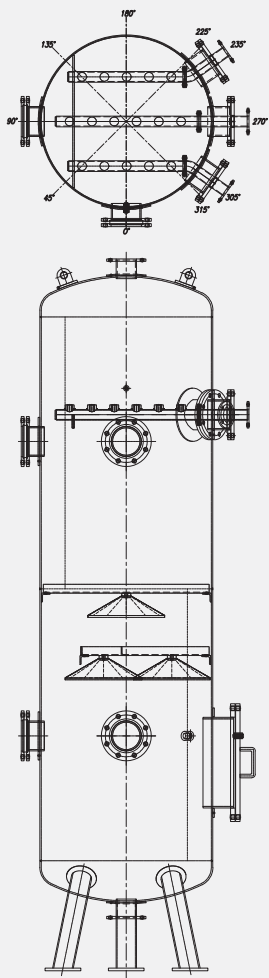
**Vacuum Dryers** are used for the drying of palm oil under vacuum before sending it to the CPO storage tank.

## MAIN FEATURES

- Capacity range from 5-25 tons/hr.
- Reduce moisture content in dried oil to 0.08%.
- Operation under vacuum at 760mm HG.
- Vessel designed to ASME code Sect. VIII Div.1.
- Material of mild steel and stainless steel or fully stainless steel.

## APPLICATIONS (CLARIFICATION STATION)

- The oil to be dried is pumped at a temperature of at least 90°C, to a float tank. From there it is sucked into the Vacuum Dryer via nozzles.
- The oil will leave the nozzles in the form of a spray.
- Any moisture contained in the oil is vaporized and removed from the Vacuum Dryer by the vacuum generating equipment.
- The dried oil collected at the bottom of the Vacuum Dryer is removed by a pump.
- The dried oil pump is prevented from running dry by a float valve fitted inside the Vacuum Dryer or using Mobrey switch.
- The float valve controls the oil level in the re-circulated from the pressure side of the dried oil pump.
- Air is prevented from entering the Vacuum Dryer by a float controlled valve in the feed tank.



For further information, please contact sales office, or:



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