

TECHNICAL DATA



Mobile Processing Unit 5

The Oil Processing Unit is designed for:

- Degassing/drying/filtration of transformer oil
- Drying of transformers up to an oil content of ca. 25,000kg.
- Evacuation and active component dehydration under high-vacuum ($\leq 1\text{mbar}$).
- Processing of transformer oil and direct filling into transformers.

Nominal flow rate of oil:

Processing 3000ltr/h

Preheating and flushing of transformer 6000ltr/h

Operating pressure at last pass: 0.6...1mbar

Connected load total: 400V, 3-phase, 85kW

Heating power total: 75kW

At 3 levels:

Level I 17kW

Level II 25kW

Level III 33kW

Nominal suction capacity of vacuum pumps: 2x 66.8m³/h

Filter mesh: normal: 5µm,

Connection Cable: 2x 15m, 2xCEE 63A /5 pole

Hose length: 2x 30m x 1" with TT coupling 2"

Tank capacities: 2x 3000 litre und 1x 400 litre

Guarantee data for new oil after 100% throughput

Remnant water content*: After one pass: <6ppm
 After three passes: <3ppm

Remnant air content*: After one pass: <0.5 Vol. %
 After three passes: <0.1 Vol. %

*Based on the initial value of 50ppm water content and 10 to 12 Vol.% gas content at 20°C.

Sound power level: <75 dB(A)

Dimension

Length: 9.05 m

Width: 2.55 m

Height: 3.65 m

Weight: 18 t

The technical base of the oil processing equipment of Mobile Unit 5 is MICAFIL VH 061-RS

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For further Information: www.electricaloilservices.com