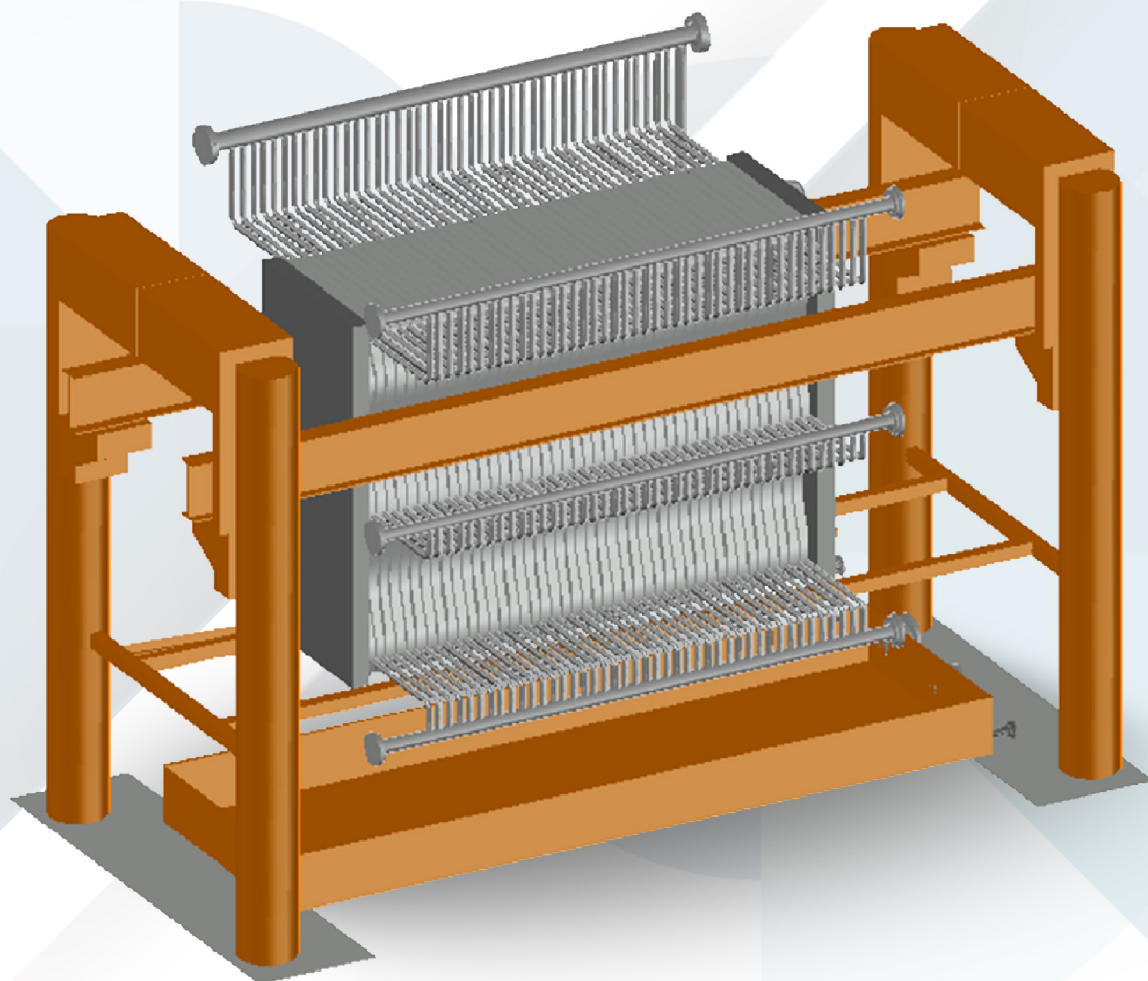




**Dewaxing &
Winterisation**



**MecKlear
Filter**



MecKlear Filter is the latest innovation in filtration by Mectech. In this, the filtration process occurs at low pressures thereby restricting the passage of fine wax particles in the filtered oil. The clarified winterized oil after filtration through the MecKlear Filter is better as compared to the results obtained from high pressure filter. The MecKlear filter ensures removal of wax and stearin in a more scientific way while preventing oil spillage.

MecKlear Filter suitable for Dewaxing and Winterization

Rice Bran
Oil

Sunflower
Oil

Cotton Seed
Oil

Corn Oil

Hazelnut
Oil

Sesame
Oil

Safflower
Oil

Technical specification

MecKlear Filters can be supplied with a filtration area
varying from 100 M2 to 400 M2

Utilities:	
Air	0.5 bar pressure
Steam	3 bar pressure
Water	Temperature will vary as per process requirement.
Range of Pressure	0.1 to 0.6 bar pressure
Range of temperature	2°C to 22°C
working pressure & temperature:	Shall vary as per process and technical specifications of oil.

Salient features of MecKlear Filter

No Hiflow required for filtration, saving in cost of Hiflow and oil loss with it.

No manual
operations ensures
savings on
manpower costs

All operations can be
PLC controlled as per
client demands

Enhanced Operational
Convenience

Wax/stearin removal
after filtration takes
shorter time without
the need for opening
the filter

Prevents spillage due
to closed system

Cooling of filter to
desired operating
conditions for next
operating cycle achieved
within short time

Saves on
maintenance costs as
absence of moving
part precludes
maintenance

Filter element replace-
ment required after
1½ to 2 years of
operation



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