



## **Technology Offered**

DVC is a **single point solution** provider for design, supply, installation & commissioning of **process plant & equipment for :** 

- Vegetable Oil Refineries
- Fat Modification
- By-Product processing like Gums (Lecithin) Drying & Acid Oil.
- Integrated Biodiesel Production Plants for multiple feedstocks
- Solvent Extraction Plants & Flash Desolventization Plant
- Oleochemical Plants
- Process & Tank Farm Automation
- Skid mounted plants

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IDM





























### **Evolution of Negligible Maintenance Extractor**

• Miscella hoppers are below the return path of the belt, which helps to maintain wedge bar screen always clean, which gives consistent miscella percolation efficiency that results in efficient extraction. Hopper capacity is enhanced.

The belt is made up of wedge bar/screens.

- Sealing between the wedge bar/screen is by SS Nose plate
- Sprockets of larger size: Low RPM
- Belt tension adjustment is external
- Use of Planetary Gear Box
- Belt cleaning by high pressure hexane sprayers on return path
- One set of miscella sprayer on inlet side







#### 2. USER FRIENDLY, FORGIVING AND FLEXIBLE

- a) Easy to install
- b) Easy to understand
- c) Excellent vision of internal parts
- d) Excellent access to mechanical parts
- e) Barely affected by upset conditions
- f) Self tensioning belt, maintained clean
- g) Adjustable to changing conditions

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## **DVC DTDC ADVANTAGES**

• Alignment done in workshop. No site alignment.

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- No mechanical problems in meal discharge or level control systems.
- Conventional mechanical gates are high wear systems. Meal discharged at ambient temperature. No corrosion of meal conveyor

















DVC I Solvent Content in Produc	<b>DVC Distillation</b> Solvent Content in Product and Effluents:		
Description	Solvent content		
EDIBLE OIL TO STORAGE TANK	< 60 PPM	0.017 Lt./T	
MEAL	400 ppm	0.47lt/T	
AIR VENTED	< 20 g/m3	0.062 lt./T	
WASTE WATER:	< 20 ppm	0.003 lt/T	
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# Moral we have adopted in DVC

- Change is need of the hour , So need to keep pace with the time in changing technological environment to remain competitive .
- So in DVC we have decided to change , and geared up for the changes , so the launch of Preparation and extraction for Indian Market .

