



## Everest Sliding Vane Pumps

Everest Sliding Vane Pumps have unique pumping principle of Eccentrically mounted rotor with vanes sliding on precision slots. Backed by many years of experience Everest Vane Pumps have been designed in keeping with industry's specific requirements and has unique features. Everest sliding Vane Pumps can be used for pumping any liquid, from very light, medium to high viscous fluids like gum or molasses.

### Principal of Operation

The pumping principle is very simple, rotor with slots rotate inside pump casing off the centre floating vanes move in vertical motion inside the slotted rotor. Additional pins are provided inside the slots which push the vanes resulting in displacement and discharge of fluid.

Pump Model	Inlet / Outlet	Maximum Speed	CAP / 100 Rev. Ltrs.	Capacity at Max. Speed Ltrs / Hr.
LV 15	1/2" x 1/2"	1440	1.75	1500
LV 25	1" x 1"	1440	3.4	3200
LV 40	1 1/2" x 1 1/2"	960	10.3	6000
SV 2	2" x 2"	720	38	14000
SV 3	3" x 3"	600	50	21000
SV 4	4" x 4"	600	150	54000
SV 5	5" x 5"	500	240	72000
SV 6	6" x 6"	400	350	85000

### Applications

Edible Oils, Petroleum Products, Coaltar, Molasses, Paints, Additives, Acids, Slurries, Syrups, Glucose, Chemicals, Creams, Effluents, Aerosol & Propellants Bulk transfer of LPG & NH<sub>3</sub> Alcohols, Solvents

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