

TRI-DISC REFINERS are the most highly developed equipment in Refining.

In the recent times disc refiners are replacing conical refiners as they are more efficient and save energy.

Double Disc Refiner is composed of two sets of disc blade, the dual set of disc blade is adjusted hydraulically. It provides a control-panel to control disc plate, start-stop, and will automatically open the disc plate, when the press failure happened. It has a high efficiency to treat the pulp of wood, straw, bagasse and waste paper. There tow ports of inlet, the flow rate and pressure of bath side in nearly to equal, so that the bearing will not have any troubles.

CONSTRUCTIONAL FETURES:

Main Body: Cast Iron

Stock Inlet: Stainless Steel to Grade CF8

Refiner Body: Stainless Steel to Grade CF8

Cylinder: Stainless Steel to Grade CF8

Stuffing Box: Stainless Steel to Grade CF8

Shaft Hub: Stainless Steel to Grade CF8

Shaft: EN-9

Refiner Discs: CA-40



Refiner Sizes:

PREMIER MODEL	TDR-13	TDR-17	TDR-21	TDR-24	TDR-31
Refiner Speed (RPM)	960	960	960	960	960
Capacity (TPD)	7-15	15-48	25-80	40-120	50-200
Consistency (%)	4-6	4-6	4-6	4-6	4-6
Motor Rating (HP)	30-50	100-150	200-300	300-400	250-600
Stock Inlet Pressure (Kg/Cm)	1-1.5	1-2	1-2	1-2	1-2
Differential Pressure (Kg/Cm)	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1
Weight	500	1000	1600	2100	3600

SPECIAL ADVANTAGES:

Longer life:

Lower Energy Requirements: The rotating disc, due to an exc fabrication and fixation, is 40% lighter in weight than those of c feature, combined with a larger refining surface results in ener compared to conventional systems.

Higher Productivity: A perfect distribution of stock between bc lower torque energy, and less down-time for plate changes cor productivity of the refiner.

APPLICATIONS:

Premier Tri-Disc Refiners can be used to refine:

Bagasses

Soft wood pulp

Hardwood pulp

Wheat straw pulp

Rice straw pulp

Wate paper pulp (Local and imported)

