

## SAMARTH TYPE 'D' HYDRAPULPER

### PRINCIPAL

D Type pulper operates at low consistency is ideally suited for brown grade applications. The most integrated and modular concept for coarse contaminant removal at low and medium consistency with the Hydrapurge, Junk Trap, Drum Screen and D Type Slusher Vat.

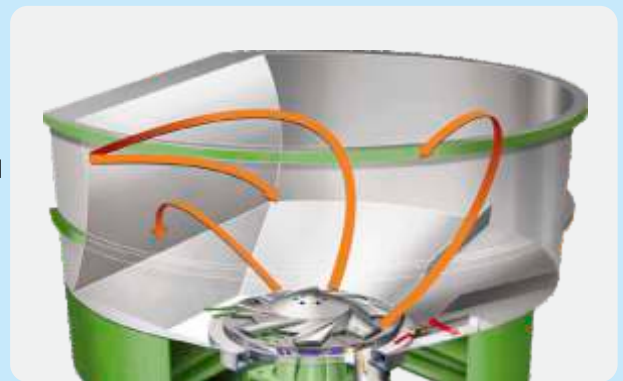
The D Type Pulper is equipped with D Tub and Vokes type rotor. The pulper can be operated continuously or batch wise. The pulper rotor includes pumping vanes and deflaking vanes in order to create strong circulation of the stock and powerful disintegration effect (defibrication) while rotating. For secondary fiber applications the pulper is operated continuously.

The D type Pulper is specially designed to reduce horizontal flow of the stock and reinforce vertical revolution flow hence more throughput. **The D Pulper provides more than 20% improvement in capacity comparing to the conventional pulpers with same horse power and consistency.**

### TECHNICAL SPECIFICATION

CAPACITY	12 m <sup>3</sup>	15 m <sup>3</sup>	20 m <sup>3</sup>	25 m <sup>3</sup>	30 m <sup>3</sup>	35 m <sup>3</sup>
TPD*	65-75	80-110	110-160	160-200	200-250	250-300
POWER (Kw)	120	160	185	220	280	315

\* Production varies depending on pulping time and number of cycles, both parameters depending themselves on the type of furnish.



### FEATURES

- ◆ Easy separation of fiber, with minimum fibre loss.
- ◆ The use of smaller perforation sizes in downstream screens.
- ◆ Low specific power consumption.
- ◆ Used for treating OCC, AOCC, NDLC.
- ◆ The light & heavy reject can be discharged from the tub before being broke.
- ◆ Purger prevents contaminants build up in the pulper vat & helps in production increase.