

SAMARTH HIGH CONSISTENCY PULPER WITH DECONTAMINATOR

PRINCIPLE

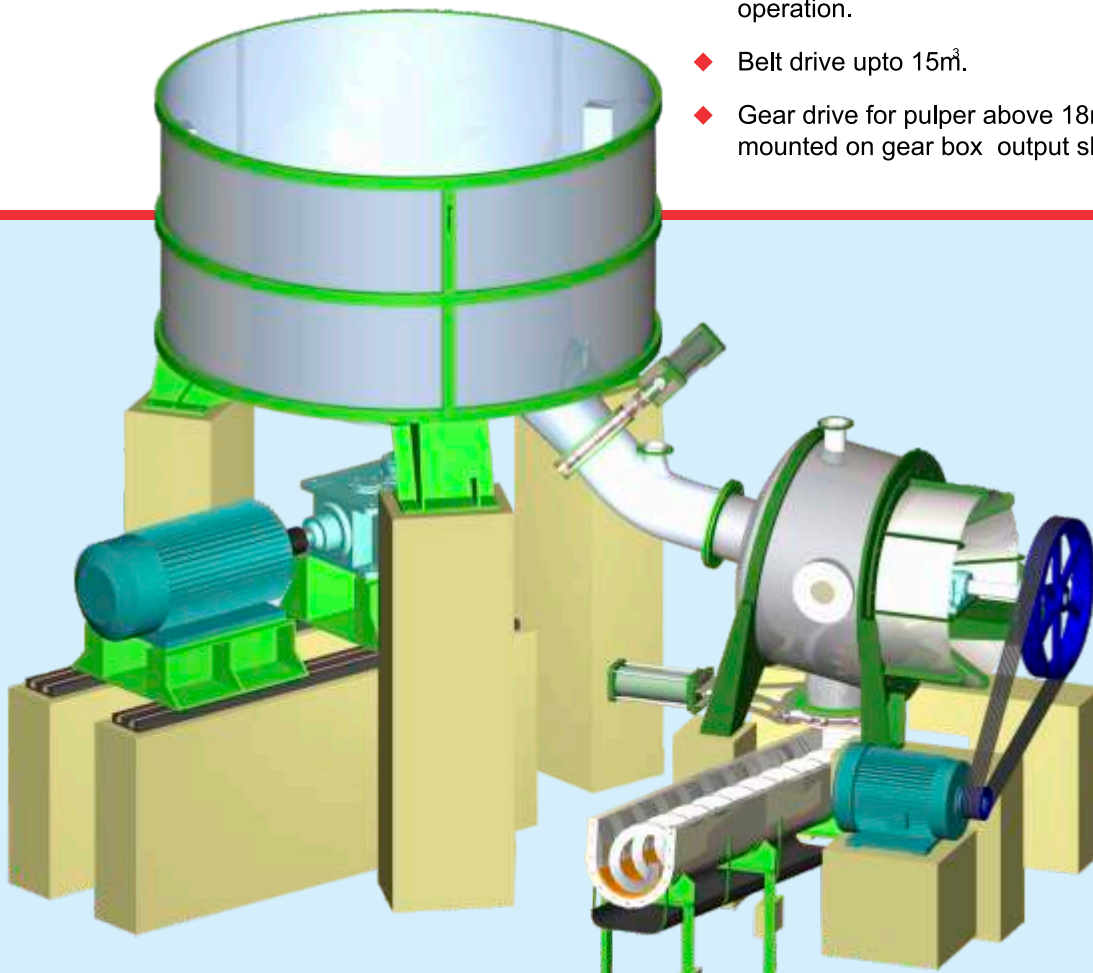
Samarth High Consistency Pulpers are equipped with a special cast cum fabricated H D screw rotor having three numbers of flights revolving at moderate speed. Due to gentle uniform slushing and flight profile the rotor transmits energy which generates fiber to fiber friction at high consistency without any cutting of contaminants. The uncut plastics & other contaminants are then removed from Decontaminator.

APPLICATION

● Mixed Waste ● Waste paper to be deinked (Newsprint / Writing Printing paper plants) ● Brown grade (OCC / NDLKC etc) kraft. ● Polycoated type of paper ● Virgin pulp ● Wet strength type of paper.

FEATURES

- ◆ Easy separation of fibers and contaminants such as plastics, films, adhesives etc. without cutting them and making their elimination easier in Decontaminator.
- ◆ High operating consistency from 15 to 18% depending on the type of furnish.
- ◆ Good defiberating due to mechanical fiber to fiber friction and high operating consistency helps easy separation of Ink from the fibers.
- ◆ Cuts down the consumption of Deinking chemicals substantially.
- ◆ Low specific power consumption.
- ◆ Defined degree of disintegration due to batch operation.
- ◆ Belt drive upto 15m³.
- ◆ Gear drive for pulper above 18m³ Rotor directly mounted on gear box output shaft.



TECHNICAL SPECIFICATION

CAPACITY	5 m ³	6 m ³	8 m ³	10 m ³	12 m ³	15 m ³	18 m ³	22 m ³	25 m ³	30 m ³
TPD*	30-35	40-45	55-60	60-75	80-90	100-110	120-130	150-160	170-180	200-225
POWER (Kw)	110	125	160	200	250	280	315	360	450	500

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