

SPARES DATASHEET

THICKENER AND CLARIFIER SPARES

BUILT TO SAMPLE, DRAWING OR DIMENSIONS OFF THE MACHINE

Drive heads, rake assemblies and wetted parts for thickeners and clarifiers of any make — including the rubber lining that most suppliers will not touch.

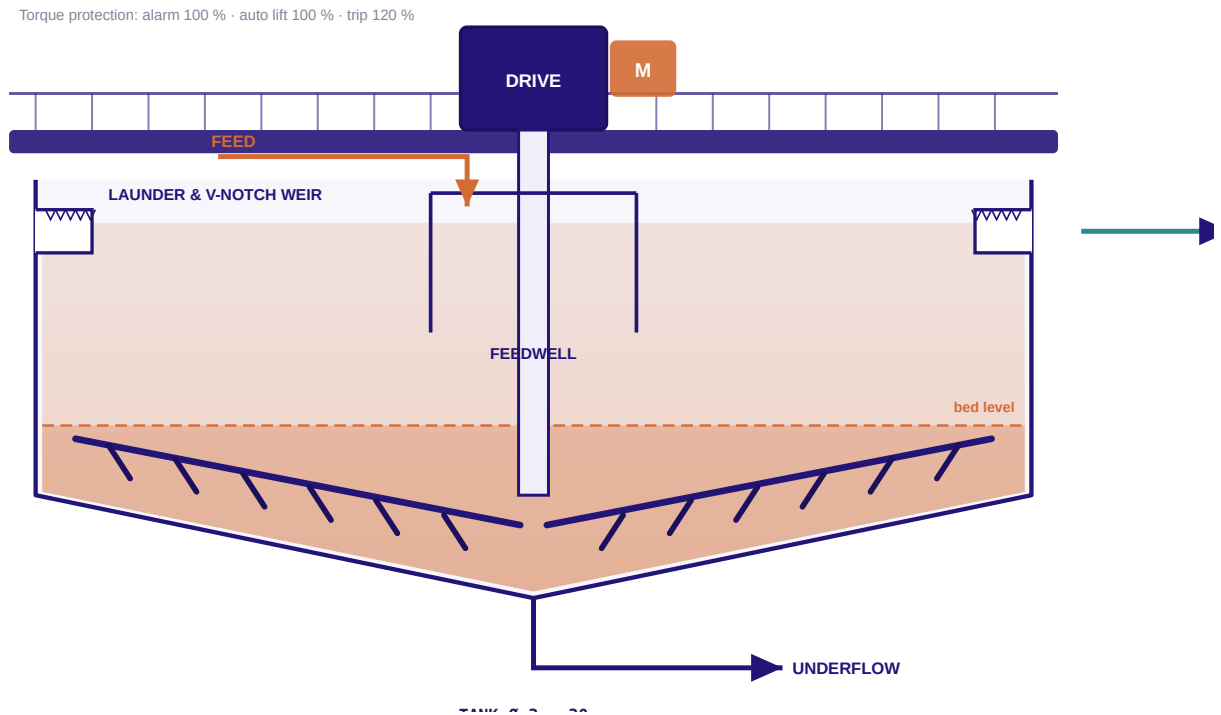


Fig. 1 – Sectional elevation

WEAR PARTS AND LEAD TIMES

PART	MATERIAL OPTIONS	HOW WE BUILD IT	LEAD TIME
Thickener drive head	Cast steel, slewing ring	Bridge or column mounted, to 50 000 ft-lb (67 800 Nm)	10–14 weeks
Rake arms	MSRL · SS 316L · MS epoxy	Fabricated to the tank radius with blade mounting pads	6–8 weeks
Rake blades and squeegees	Neoprene · natural rubber · UHMWPE	Profiled to the floor slope, drilled to the arm	3–4 weeks
Torque tube / centre shaft	MSRL · SS 316L	Machined and lined, flanged to the drive head	8–10 weeks
Rake lifting screw	SS 316L · MS	Acme thread with bronze nut, manual or motorised	6–8 weeks
Feedwell	MSRL · SS 316L · FRP	Fabricated to the flow, with de-aeration ring	6–8 weeks
Launder and weir plate	SS 316L · FRP	V-notch weir cut and levelled, with scum baffle	4–6 weeks
Torque sensing assembly	Electro-mechanical · load cell	Alarm, auto-lift and trip settings pre-calibrated	4–6 weeks

Lead times are ex-works Chennai from receipt of sample or approved drawing. Breakdown jobs are expedited — tell us it is a breakdown and we will say the same day what can be compressed.

WE BUILD FOR ANY MAKE

You are not locked to the original supplier. Send the part or the drawing and we reverse-engineer it, hold the drawing, and build it again the next time.

Dorr-Oliver	Eimco	Andritz	Metso	FLSmidth
Outotec / Larox	Ishigaki	Komline-Sanderson	Peterson	
Bird	Ametek	and unbranded / locally built machines		

MACHINE DOWN?

Call **+91 94441 18723**. Spares are cut in our works and engineers travel from Chennai. A plant stopped in India should not be waiting on a European lead time.

WHAT TO SEND WITH AN ENQUIRY

SEND US	NOTES
Machine make and model	Nameplate photograph is ideal
Drum / disc / belt size	Diameter and face width, mm or feet
Part name	And OEM part number if you have it
Photograph	Worn part plus the machine nameplate
Sample or drawing	We work to either; a sample is fastest
Duty	Slurry, operating temperature, pH, abrasives
Quantity	And whether this is a breakdown or a planned change-out

A photograph of the worn part next to a tape measure, plus the machine nameplate, is usually enough for us to quote.

WHY FILCARE FOR SPARES

REASON	WHAT IT MEANS FOR YOU
Spares for anyone's machine	Dorr-Oliver, Eimco, Andritz, Metso, FLSmidth, Outotec, Ishigaki or unbranded. Built to sample or drawing. You are not locked to the original supplier.
Breakdown response from Chennai	A plant stopped in India does not wait on a European lead time. Parts are cut in our works and engineers travel the same week.
Manufacturer, not a trader	Fabrication, machining, rubber lining and assembly are ours. The drawing that makes your part is a drawing we hold.
Rubber lining in house	MSRL underwater parts and vats for brine, chloride and acid service — the capability that most Indian fabricators sub-contract and most importers refuse.

RELATED MACHINE

Thickener and Clarifier — 3 to 30 m diameter · standard drive to 67 800 Nm. Filcare builds new machines as well as spares, so the part you order is made by people who build the whole machine.

Machine datasheet: **FIL/DS/FTC/01**

ANNUAL MAINTENANCE CONTRACT

Scheduled inspection with a held spares kit, so the long-lead items — gears, drive heads, rubber-lined parts — are already in Chennai when you need them. Ask for an AMC proposal with your next enquiry.