Wedge Wire Screw Press vs Self Cleaning Screw Press

Sr No	Details	Wedge Wire Dewatering Screw Press	Self Cleaning Screw Press
1	Screening Media	Wedge Wire Screen	Oscillating Disc Stack
2	Screen Filter Size (Aperture)	70 to 110 micron	90 to 150 micron
3	Screen Cleaning Mechanisam	Washing	Self Cleaning + Washing
4	Solid Capture Efficiency	High	Medium
5	Solid Dryness in Output	High	Medium
6	Wash Water Required	About 10 Liter / 1000 Liter Processed	About 5 Liter / 1000 Liter Processed
7	Power Consumption	Approx 0.25 HP per 1000 L per Hour	Approx. 0.25 HP per 1200 Liter Per hour
8	Polyelectrolyte Requirement	About 5kg Per 100kg of Dry Solids.	About 5kg Per 100kg of Dry Solids.
9	Adjustment Parameters	Poly dosing, Screw RPM, Outlet Solid Pressure	Poly dosing, Screw RPM, Outlet Solid Pressure
10	In Place changing of Screen Media	Possible	Not Possible
11	Maintainance	Changing of Screen after 10000 to 20000 hours, depend upon abrasive nature of the solids	Changing of Discs after 8000 to 16000 hours, Screw Rebuilding after every 8000 to 16000 hours, depend upon abrasive nature of the solids
12	Cost of Screening Media	Low	High
13	Operation	Continuous	Continuous
14	Polypreparation Tank	Not Included	Not Included
15	Flocullation Tank	Not Included	Included
16	Filter Media Material	Stainless Steel	Stainless Steel (Oscillating Disc) / 30% GF Nylon (Stationary Disc)

Please note this comparison is for infomration and selection purpose only. Actual performance may vary depends upon individual conditions.