

CentraSep[®] DB Series

Powerful and Cost-Effective Clarification



DESIGN AND OPERATING FEATURES

- Sizing options with flow rates ranging from 1 to 640 bbl/hr.
- Oxygen pick-up 0 to 10 ppb
- Short installation time, lower maintenance cost
- High bowl RPM and selected disk design for enhanced clarification, even polishing
- Hermetic seal design eliminates need for inserting gas or degassed water
- Sanitary design, fully cleanable (CIP)
- Consistent and adjustable turbidity
- Ten sizes with three automation levels: manual, semi-auto, auto

Our Service Sets Us Apart From the Crowd

Clarification is second nature to us. Our capability and willingness to provide high-quality and consistent after market service is what sets Trucent apart.

Over 20 years ago, we forged a partnership with the highest-quality clarification technology company in the world, SPX Flow's Seital Separation Technologies. We've become experts in this technology, and we combine this with our service-first mindset to become an irreplaceable member of your team.

One Machine, Multiple Applications

Brewery application areas include hot wort, cold wort, green beer, fermentation to bright tank, beer recovery from yeast cake, pre-filtration. Trucent can even use this machine to optimize your waste treatment process, if you'd like.

Our hermetic seal will protect your beer's flavor and aroma with 0-10 ppb oxygen pick up.

Also, our fast and precise discharge time minimizes product losses and maximizes dry solids content at the discharge.



Example of solids discharge

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Sizing and Flow Rate Options



Capacities up to – according to different clarification steps (barrels per hour)

MODELS	HOT WORT (bbl/hr)	TRUB WORT (bbl/hr)	GREEN BEER (bbl/hr)	BEFORE FILTRATION (bbl/hr)	BEER RECOVERY (bbl/hr)	SPECIAL POLISHING (bbl/hr)
DB-1025	13	3	21	21	1	8
DB-1145	38	4	43	43	2	12
DB-1660	43	4	60	60	2	17
DB-2012	120	13	120	120	5	33
DB-3017	170	34	170	170	9	42
DB-4022	213	34	213	213	9	59
DB-4525	247	43	247	247	10	75
DB-5043	281	70	426	426	21	84
DB-6052	341	102	512	512	26	92
DB-7064	451	-	640	640	-	109

(*) The real clarifier capacity depends on the product characteristics and on the requested degree of clarification

MODELS	INLET	OUTLET
HOT WORT	< 1.5% v/v	< 0.05% v/v
TRUB WORT	< 15% v/v	< 0.2% v/v
GREEN BEER	< 20 million yeast cells/ml	< 1 million yeast cells/ml
BEFORE FILTRATION	< 10 million yeast cells/ml	< 0.5 million yeast cells/ml
BEER RECOVERY	< 30% v/v	< 1% v/v