

CentraSep[®] DB Series

Powerful and Cost-Effective Clarification



DESIGN AND OPERATING FEATURES

- Flow rates 1-640 bbl/hr
- Less than 10 ppb Oxygen pickup
- Eliminate time in the brite tank
- Lowest total cost of ownership
- Highest G-forces for un-paralleled clarification
- Increase yields up to 15%
- Consistent and adjustable turbidity
- Full CIP capability
- Multi-level automation
- Instantaneous Carbonation

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 beer before and after centrifuge.

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Sizing and Equipment Options



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

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

EQUIPMENT ADD-ON OPTIONS

OUTLET TURBIDITY METER	Allows for more precise turbidity (haze) control and process control
FEED PUMP	A centrifugal pump is used to feed beer to the centrifuge
RECIRCULATION SYSTEM	Discharge is sent back to the centrifuge to be clarified, increasing beer yield
OXYZERO SYSTEM	Eliminates the potential for Oxygen to enter during the “shoot” cycle
SLUDGE / SOLIDS PUMP	Transfers the sludge/solids that are expelled from the bowl during a shoot
STAINLESS STEEL FRAME	Stainless steel, ANSI 304, available (base includes electroplated cast iron)
FLOW & PRESS CONTROL SYSTEM	Allows operator to set and maintain specific turbidity based on HMI control
AUTOPILOT	Hardware and software needed for unattended operation
IN-LINE CARBONATION	Reduce CO ₂ consumption and maintain consistent beer quality