

Peak Performance™ Centrifuges

Fact Sheet

Clean Harbors' Peak Performance™ centrifuge fleet includes a wide range of units that accommodate most drilling fluid separation and filtration needs. Whether you are handling high volumes of abrasive solids or processing unweighted fluids, we have a centrifuge that will meet your requirements.

Our unparalleled service and strict adherence to a proactive maintenance program ensure that the centrifuge selected is in good working order. Our highly skilled solids technicians also are available to setup, operate and maintain the centrifuges. Our equipment selection includes a variety of centrifuge stands that can be used to enhance the overall operation's performance.

Benefits

- Offers varied sizes of rotating assemblies / flow capacities to meet customer needs
- Permits selected centrifuge optimization for maximum solids removal and barite recovery
- Decreases drilling costs and waste volumes
- Delivers optimal torque control and high separation efficiency
- Maximizes internal wear surfaces to extend the operating life of the centrifuge before a scheduled rebuild is needed
- Provides sufficient spare capacity within operations to allow for quick change out should an unexpected breakdown occur

Focus on Safety

Clean Harbors' number one priority is the health, safety and compliance of our operations on your sites and ours. Employees at all levels of the company share this philosophy and are committed to ensuring our safety goals are met.



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Technical Data

Specifications	618 VSBD (Alfa Laval 418)	718 FD (United S1000)	Pinnacle VFD (HH 5500)	Sierra VFD (Alfa Laval Lynx 20)
Gearbox Ratio	57:1	80:1	53:1	52:1
RA Dimensions	36 x 142 cm (14 x 56 in)	45.7 x 127 cm (18 x 50 in)	40.6 x 140 cm (16 x 55 in)	35.3 x 146 cm (14 x 57.5 in)
Feed Rate	900 LPM 238 US GPM	1,100 LPM 291 US GPM	1,100 LPM 291 US GPM	1,000 LPM 265 US GPM
Processing Rate LPM (US GPM)	500 - 750 (132 - 198)	650 - 900 (172 - 238)	650 - 900 (172 - 238)	500 - 750 (132 - 198)
Dimensions (L x W x H) cm (in)	320 x 229 x 183 (126 x 90 x 72)	343 x 158 x 170 (135 x 62 x 67)	376 x 117 x 147 (148 x 46 x 58)	396 x 94 x 170 (156 x 37 x 67)
Weight	3,100 kg (6,800 lbs)	3,682 kg (8,100 lbs)	3,636 kg (8,000 lbs)	2,400 kg (5,280 lbs)
Power Requirements	100A / 480V 3W 4P plug	100A / 480V 3W 4P plug	100A / 480V 3W 4P plug	100A / 480V 3W 4P plug

Specifications	Summit VFD (Alfa Laval Lynx 40)	CH1865 VFD (Tecumseh 1865)	CH2075 VFD (Tecumseh 2075)	Echo III VFD (GTech 2080)
Gearbox Ratio	169:1	56:1	56:1	144:1
RA Dimensions	48 x 203 cm (19 x 80 in)	45.7 x 165 cm (18 x 65 in)	50.8 x 191 cm (20 x 75 in)	50.8 x 203 cm (20 x 80 in)
Feed Rate	2,000 LPM 529 US GPM	1,700 LPM 450 US GPM	2,000 LPM 529 US GPM	2,000 LPM 529 US GPM
Processing Rate LPM (US GPM)	1,100 - 1,500 (291 - 397)	1,000 - 1,400 (265 - 317)	1,100 - 1,600 (291 - 397)	1,100 - 1,600 (291 - 397)
Dimensions (L x W x H) cm (in)	523 x 119 x 133 (206 x 47 x 52)	488 x 112 x 140 (192 x 44 x 55)	538 x 112 x 140 (212 x 44 x 55)	460 x 114 x 135 (189 x 45 x 53)
Weight	5,500 kg 12,100 lbs	5,273 kg 11,600 lbs	5,636 kg 12,400 lbs	4,682 kg 10,300 lbs
Power Requirements	TWO 100A / 480V 3W 4P plugs	TWO 100A / 480V 3W 4P plugs	TWO 100A / 480V 3W 4P plugs	TWO 100A / 480V 3W 4P plugs

