

CVA Wells decanter centrifuge units

Quick datas summary

Standard centrifuge



Big bowl



Big bowl



	Standard centrifuge	Big bowl	Big bowl
Manufacturer	NOV Brandt	Flottweg	NOV Brandt
Serie and type	HS3400 - Hydraulic	Z5E - Electronic	H2172L - Electric
YOB (Year of built)	2006, and upgraded in 2016	2016	2013
Diameter of bowl	356mm / 14,0"	529mm / 20,8"	533mm / 21,0"
Max bowl speed / Max G Force	3.800 RPM / 2.870 G's	3.200 RPM / 3.020 G's	3.000 RPM / 2.680 G's
Typical mud in	Density = 1,05 to 1,25		
	Marsh funnel viscosity = 40 to 60 sec		
	Sand content < 2,5%		
Flowrate in mud cleaning (particles < 50µm)	12 to 15 m3/h (depending on mud density)	40 to 50 m3/h (depending on mud density)	40 to 50 m3/h (depending on mud density)
Flowrate in dewatering	5 to 10 m3/h (depending on mud density)	15 to 20 m3/h (depending on mud density)	15 to 20 m3/h (depending on mud density)
Floc unit type and capacity	Emulsion - 1000 L	Powder - 2000 L	Powder - 2000 L
Footprint (L x l)	1x20' container - 6,10m x 2,40m	1x40' HC container - 12,20m x 2,40m	2x20' container - 6,10m x 4,80m
Number of part	3	1	3
Truck for transportation	2	1	2
Installed power	80 kW	160 kW	180 kW
Wiring	5x35mm ² - 20m 400V - 50Hz	4x150mm ² - 60m 400V - 50Hz	20m 400-480 VAC / 50-60 Hz

To be provided by jobsite :

- Crane for jobsite assembly and dismounting,
- Electric energy to run the equipments,
- Piping for mud inlet and outlet of the equipement,
- Clear water supply > 3 m3/h and > 3 bars