



Decanter Centrifuge Data Sheet

V400 High-performance Decanter Centrifuge model (LYNX 40)

V400 Single Hydraulic Stand

General Information

Typical application	Drilling Fluids
Max. design temp.	212 Degrees Fahrenheit
Contrifugal G-ratio	3551G @ 3600 RPM
Weight	10,580 lbs

Bowl Assembly

Effective Bowl Dia.	19"
Effective Bowl Length	86.1"
Bowl Material	Super Duplex Stainless Steel
Conveyor Material	316 Stainless Steel
Conveyor Pitch	5"
Conveyor feedzone	Esbjerg / 2 port
Solids Discharge wear protection	Full Tungsten Carbide portection

Typical Process

Hydraulic Capacity	500 gpm
Weighted Capacity (1080kg/m3)	400 gpm
Solids Removal Capacity (1080kg/m3)	12 tonnes per hour
Solids Removal Efficiency @ 5 µm	90%

Drives

Main motor size	125Hp VFD
Main motor data	3 phase 460 V / 60 Hz
Backdrive motor size	20Hp VFD
Main motor data	3 phase 460 V / 60 Hz
Gearbox Type	2 Stage Planetary
Gearbox Data	Ratio 1 :169, Torque 6kN
Pump (flow rate)	4" Gorman Rupp (1.5m3 @ 1800rpm) VFD
Electrical Requirements	480V 100amp 3W4P dual cord



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Stand Specifications

Power Requirements	30amp 3W4P 480 volts
Lighting	3 X 4' fluorescent (110 volt for lighting from panel)
Overall Length	11 Metres (34')
Overall Width	3 Metres (10')
Height in Travel Mode	3.4 Metres (11'6")
Maximum working height	5.2 Metres (16')
Shipping Weight (including machine, pump & Panel)	16,800kg (37,000lbs)
Hydraulic Fluid	HVIS 15