

KEY FEATURES

KOSUN D™ SERIES DECANTER CENTRIFUGE

MORE THAN CUSTOMIZED™

*KOSUN IPR PROTECTION: ALL PICTURES, TECHNICAL INFORMATION ARE INTELLECTUAL PROPERTY OF KOSUN®



Main Switch



Micro Switch For Belt Guard



Micro Switch For Bowl Cover



Discharge Ports
Solids Discharge



Adjustable Pond Dams (Weirs)
Liquid Discharge



Conveyors Edge Coated With hard surface alloy

Emergency Stop



Operating Hours Meter



Motors Can Be Atex Certified.
Control Cabinet Can Be Atex
Certificated(Aluminum Alloy)



GS Coupling For Torque Overload



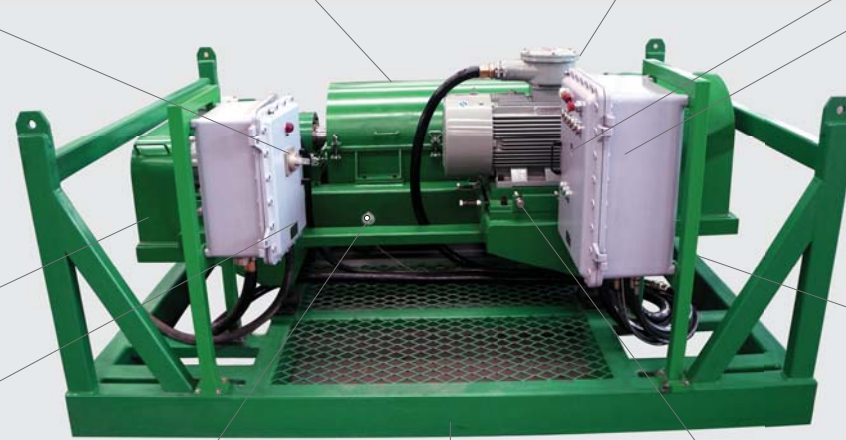
Vibration Sensor



Ruggedly Built Skid Mounted



Motors Can Move in X,Y
Directions To Achieve Different
Speeds.

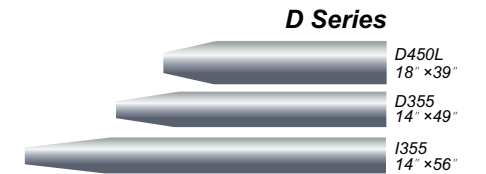
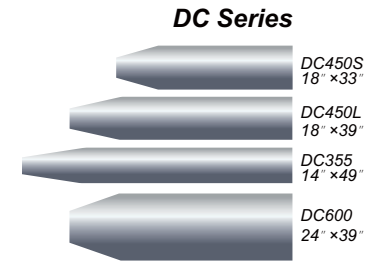


This is a MORE THAN CUSTOMIZED™ product, KOSUN makes deeply customized painting with certain colors.



■ KOSUN D™ Series Data Sheet

Model	D450L		D355		I355
	Fixed Speed	VFD	Fixed Speed	VFD	Fixed Speed
Bowl Diameter(mm/in)	450 / 18	450 / 18	355 / 14	355 / 14	355 / 14
Bowl Length(mm/in)	1000 / 39	1000 / 39	1257 / 49	1257 / 49	1422 / 56
Max. Bowl Speed(RPM)	3200	3900	3900	3900	3900
Typical Bowl Speed(RPM)	1700 & 2200	~3300	2000 & 3200	~3200	2000 & 3200 (60Hz)
G-Force	728 & 1215	~2745	794/2032	~2032	794/2032 (60Hz)
Max Capacity(m³/h)	45	45	35	35	35
D ₅₀ Separation point (µm)	4~7	2~7	2~7	2~7	2~7
Main Motor(kw)	30	30	30	30	37
Back Drive Motor(kw)	7.5	7.5	7.5	7.5	7.5
Type of Gearbox	planery	planery	planery	planery	planery
Dimension: L×W×H(mm/in)	2900×2200×1285 114×87×51	2900×2200×1285 114×87×51	2960×2200×1470 117×87×58	2960×2200×1350 117×87×53	3350×2200×1285 132×87×51
Weight(KG)	2870	3450	2940	3520	3310
Power	460V/60Hz or 380V/50Hz				



■ Comparison Sheet among Derrick, M-I SWACO, Brandt and KOSUN

Manufacturer	Derrick Equipment	M-I SWACO Centrifuge	Brandt Centrifuge	KOSUN Centrifuge
Model	DE-1000 GBD	M-I SWACO-518	Brandt HS-3400 VFS	KOSUN I 355
Photo				
Dimension(L×W×H)	2921×1895×1483mm	2900×1850×1750mm	2489 x1753 x1455mm	3350×2200×1285mm
Weight	3112kg	3000Kg	3450kg	3310kg
Bowl Diameter	356mm	360mm	356mm	355mm
Bowl Length	1238mm	1270mm	1257mm	1422mm
Material	Stainless steel	Stainless Steel	Stainless Steel	Stainless Steel
Bowl Speed (RPM)	3900RPM	4000 RPM	2900 RPM	2000 & 3200RPM
G-force (g)	3187	3063	3180	794/2032
Main Drive Motor	50HP(37kW)	50HP(37kW)	40HP(30kW)	50HP(37kW)
Conveyor Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Gearbox ratio	52:1	65:1	52:1	57:1
Back Drive Motor	N/A	10HP(7.5kW)	25HP(18.7kW)	10HP(7.5kW)

