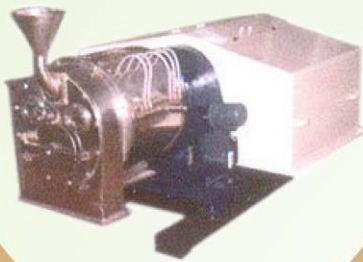


EFFICIENT SOLID LIQUID SEPARATION OF CRYSTALLINE MATERIAL



WHIRLER Advantages

- ▶ Continuous separation
- ▶ Low energy Consumption
- ▶ Low residual moisture
- ▶ Low maintenance cost
- ▶ High washing efficiency
- ▶ Compact design
- ▶ Less particle breakage
- ▶ Consistence product quality

Pusher Centrifuge

USED SUCCESSFULLY FOR

ABS Polymerisate	Chlorinated Rubber	Magnesium Sulfate	Potassium Biforminate	Sodium Hypophosphite
Activated Carbon	Chromic Acid	Manganese Sulfate	Potassium Carbonate	Sodium Metabisulfite
Adipic Acid	Copper Sulphate	M.C.A.	Potassium Chlorate	Sodium Meta Silicate
Ammonium Bicarbonate	Cyano Guanidine	Melamine	Potassium Citrate	Sodium Nitrate
Ammonium Bisulfate	D.C.D.P. Sulfone	Met Formine HCL (Pharma)	Potassium Chloride	Sodium Nitrite
Ammonium Bromide	Dextrose	Metal Salt	Potassium Cyanides	Sodium Perborate
Ammonium Chloride	Dicalcium Phosphate	Methacrylamide	Potassium Nitrate	Sodium Percarbonate
Ammonium Hydrogen Carb.	Dicyanidinamide	Metronidazole (Pharma)	Potassium Sulphate	Sodium Phosphate
Ammonium Molybdate	Dispersion Rubber	Milk Sugar	Rape Coarse Grain	Sodium Phosphinate
Ammonium Nitrate	E. D. T. A.	Nickel Sulphate	Rock Salt	Sodium Sulfate Anhydride
Ammonium Perborate	Endo Sulfan	Nitro Cellulose	Salicylic Acid	Sodium Sulfate Dehydrate
Ammonium Sulphate	Ferrous Sulphate	NPK Fertilizer	Sea Salt	Sodium Sulfite
Ammonium Sulphate Capr.	Fibrous Materials	Nylon Chips	Seed Grains	Sodium Sulphate
Animal Bone	Foodstuffs Application	Nylon Salt	Silicon Flouride	Sorbic Acid
Ascorbic Acid (Vitamin-C)	Fructose	Oxalic Acid	Silver Nitrate	Soya Coarse Grain
Barium Carbonate	Furmaric Acid	Para Amino Phenol	Sludge Poliol - Recyclate	Strontium Chloride
Barium Chloride	Glauber Salt	Paracetamol	Soda Products	Sulfamic Acid
Bead Polymers	Glutamic Acid	LABORATORY PUSHER	Sodium Acetate	Sulfates – Ferrous
Borex (raw)	Glycine	Penta Technical	Sodium Bi-Carbonate	Sulphanethaxozole
Boric Acid	Granulate	Pentaeritritol	Sodium Bi-Sulfite	Sylvinit
Calcium Nitrate	Hexamine	Pentaerythritol	Sodium Bromide	Synthetic Resin
Calcium Phosphate	HT-Polypropylene	Perchlorate	Sodium Carbonate	Tartaric Acid
Calcium Propionate	HX Sulfate	Pesticides	Sodium Chlorate	Terephthalic Acid
Calcium Sulfate	Iron Sulphate	Phosphate Crude / Raw	Sodium Chloride	Tincal
Calcium Tartrate	Lactose	Polyacrylate	Sodium Citrate	Tin Sulphate
Caustic Soda	Lead Nitrate	Polyethylene	Sodium Cyanides	Tobias Acid
Cellulose Acetate	Linters	Polypropylene	Sodium Dichromate	Urea
Chloride Hydrate	Lithium Compounds	Polyvinyl Chloride	Sodium Formate	Urea Phosphate
	Lithium Hydroxide		Sodium Hydrogen Carbonate	Zinc Acetate

STANDARD TECHNICAL DETAILS : PUSHER CENTRIFUGE

MODEL		15 PDM	20 PDM	25 PDM	20 PDH	25 PDH	30 PDH	35 PDH	40 PDH
BASKET DIA.	mm	150	200	250	200	250	300	350	400
SLURRY FEED	via	Pipe	Pipe	Pipe	Pipe	Pipe	Pipe	Pipe	Pipe
NO. OF STAGES	---	1 / 2	1 / 2	1 / 2	1 / 2	1 / 2	1 / 2	1 / 2	1 / 2 / 3
MAX. SPEED	rpm	3200	3000	2700	3200	3000	2800	2500	2200
NO. OF STROKE	spm	30-60	40-80	40-80	50-120	50-120	50-120	50-120	50-120
MAX. G-FORCE	xg	850	1000	1000	1140	1250	1300	1215	1075
MAIN MOTOR	hp / rpm	3 / 2880	5 / 2880	7.5 / 2880	5 / 2880	7.5 / 2880	10.0 / 2880	10.0 / 2880	15.0 / 1440
PUMP MOTOR	hp / rpm	2 / 1440	5 / 1440	5 / 1440	5 / 2880	5 / 2880	7.5 / 2880	7.5 / 2880	7.5 / 2880
DIMENSION (L)	mtr.	1.1	1.5	1.6	1.9	2.0	2.1	2.2	2.2
(W)		0.55	1.1	1.5	1.0	1.1	1.1	1.1	2.2
(H)		0.53	1.0	1.0	1.1	1.1	1.15	1.2	1.25
WEIGHT@	kgs.	430	700	900	900	1200	1400	1600	1800
NaCl cap. @	ton/hr.	0.2	0.5	1.0	0.6	1.2	2.4	3.5	5.0

MODEL		45 PDH	50 PDH	55 PDH	60 PDH	70 PDH	80 PDH	85 PDH	90 PDH
BASKET DIA.	mm	450	500	550	600	700	800	850	900
SLURRY FEED	via	Pipe / Screw	Pipe / Screw	Pipe / Screw	Pipe / Screw	Pipe / Screw	Pipe / Screw	Pipe / Screw	Pipe / Screw
NO. OF STAGES	---	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3
MAX. SPEED	rpm	2000	1800	1600	1500	1300	1100	1000	950
NO. OF STROKE	spm	50-110	50-110	50-110	50-110	50-110	50-90	50-90	50-90
MAX. G-FORCE	xg	1000	900	780	750	660	540	475	450
MAIN MOTOR	hp / rpm	20 / 1440	20 / 1440	25 / 1440	30 / 1440	40 / 1440	50 / 1440	50 / 1440	60 / 1440
PUMP MOTOR	hp / rpm	10 / 2880	10 / 2880	15 / 2880	20 / 2880	25 / 2880	30 / 2880	40 / 2880	40 / 2880
DIMENSION (L)	mtr.	2.4	2.5	2.6	2.6	3.1	3.2	3.2	3.3
(W)		1.2	1.25	1.35	1.35	1.5	1.6	1.6	1.7
(H)		1.2	1.3	1.4	1.5	1.6	1.75	1.8	1.95
WEIGHT@	kgs.	2100	2300	2500	2800	4600	5500	5800	6500
NaCl cap. @	ton/hr.	7.5	10.0	12.5	15	18-20	22-25	28-30	32-35



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