



Reference : WCPL/SPL/PUSHER/2025/R4

Dear Sir,

Please find here with our offer for various models of pusher centrifuges, along with technical specifications.

*PUSHER CENTRIFUGES FOR SALTS AND CRYSTALLINE PRODUCT CENTRIFUGAL DRYING***PUSHER CENTRIFUGES**Continuous Capacity from **100 KG/HR TO 25000 KG/HR****WHIRLER PUSHER CENTRIFUGE**

Your Advantages	Whirler Advantage
a. High Reliability <ul style="list-style-type: none"> i. Robust Construction ii. Simple Working Principle iii. High Quality Material iv. Standard Motor 	1. Cost Effective Reliable Solution.
b. Ease of Maintenance <ul style="list-style-type: none"> i. Fewer Component ii. Simple Assembly iii. Standard Sizes 	2. All Standardized Parts and Components.
c. Cost Effective <ul style="list-style-type: none"> i. Longer Operating Life ii. Energy Efficient iii. Standard Spares 	3. Exact Outputs.
	4. Energy Efficient.
	5. Low Noise, Low Odor & Low Wash Water Consumption.
	6. Rapid Installation.
	7. VFD Control as Standard.
	8. Modular Wear Parts.
	9. Low noise.

Table : Material of Construction

Item	Basket 1st and 2nd Stage		Base Frame	Connection	Bearing Housing	
Pusher Centrifuge	Stainless Steel		M.S. Box Structure	ISO Flanges	S.G.Iron	
	Gearbox (Mechanical)	Electric Panel Panel	Drive	Pusher Drive	Color	Feed Pipe
	Worm High Torque	M.S. Fabricated & Powder Coated	V-Belt	Hydraulic / Mechanical	Epoxy Coated	Stainless Steel
	Sealing	Speed Control		Switch Gears & Electric Motor		
	Silicone Seals	Variable Frequency Drive		Schneider / ABB / Equivalent IE2/IE3 F Class IP54		



Results achieved with "WHIRLER" Dewatering Decanter*

Application type	Input Free Solids (%)	Output Cake solids (%)	Solid Recovery (%)	Liquid Separation (by volume %)
NaCl (Table Salt)	~35	~95	~98	~98

* Performance is adjustable by differential RPM up to certain limits via built in VFD.

List : Optional Accessories & System

1. Air-Oil Lubrication Arrangement Instead of Standard Grease Based Lubrication
2. Bearing Temperature Indicators
3. Solid Output Screw Conveyor
4. Feed Input Screw Conveyor
5. Machine Mounted Electric Control Panel
6. Nitrogen Purging
7. High Temperature Sealing / Bearing / Drive System
8. cyclone Air Separator in liquid output
9. Vibration Auto Switch

Price List.

MODEL	PRICE IN LAKHS (Each) (1,00,000 INR)			
	Mechanical		Hydraulic	
	SS304	SS316	SS304	SS316
PD				
15	4.0	4.4	5.5	6.1
20	4.8	5.3	6.6	7.3
25	5.8	6.3	7.9	8.7
30	6.9	7.6	9.5	10.5
35	8.3	9.1	11.4	12.5
40	10.0	10.9	13.7	15.1
45	11.9	13.1	16.4	18.1
50	14.3	15.8	19.7	21.7
60	17.2	18.9	23.6	26.0
70	20.6	22.7	28.4	31.2
80	24.8	27.2	34.1	37.5
90	29.7	32.7	40.9	45.0

**ALL TECHNICAL DETAILS**

Item Description	Unit	15PDH	20PDH	25PDH	30PDH	35PDH	40PDH	45PDH	50PDH	60PDH	70PDH	80PDH	90PDH
Average Basket Diameter	mm	150	200	250	300	350	400	450	500	600	700	800	900
Bigger Basket Internal Diameter	mm	170	220	270	320	370	420	470	520	620	720	820	920
Bigger Basket Length	mm	125	150	150	150	150	210	210	210	210	210	210	210
Smaller Basket Internal Diameter	mm	100	150	200	250	300	350	400	450	550	650	750	850
Smaller Basket Length	mm	125	150	210	210	210	210	210	210	210	210	210	210
Number of Stages	Nos	2	2	2	2	2	2	2	2	2	2	2	2
Maximum Speed	RPM	3200	3000	2800	2800	2500	2200	2000	1800	1500	1300	1100	950
Minimum Stroke Count	Nos	30	30	30	40	50	50	50	50	50	50	50	50
Maximum Stroke Count	Nos	60	80	100	100	110	110	100	100	80	80	80	80
Stroke Length	mm	30	35	40	40	40	50	50	50	60	60	60	60
Drive Motor Power	HP	3	5	7.5	10	10	15	20	20	25	40	50	60
Drive Motor RPM	RPM	2880	2880	2880	2880	2880	1440	1440	1440	1440	1440	1440	1440
Hydraulic Motor Power	HP	2	3	5	5	5	7.5	7.5	10	10	15	25	30
Hydraulic Motor Speed	RPM	2880	2880	2880	2880	2880	2880	2880	2880	2880	2880	2880	2880
Dimensions (Length)	mm	1100	1900	2000	2100	2200	2200	2400	2500	2600	3100	3200	3300
Dimensions (Width)	mm	550	1100	1100	1100	1100	1200	1200	1250	1350	1500	1600	1700
Dimensions (Height)	mm	530	1000	1000	1100	1100	1200	1200	1250	1400	1500	1600	1700
Weight (No Load)	Kgs	430	700	900	1400	1600	1800	2100	2300	2800	4500	5800	6500
NaCl Capacity	Kgs Per Hour	200	500	1000	2400	3500	5000	7500	10000	12500	18000	23000	32000
Max. G Force	RCF	859	1006	1096	1315	1223	1082	1006	906	755	661	541	454

3/4 PUSHER CENTRIFUGESWebsite : <https://www.whirlercentrifugals.com> Email : info@whirlercentrifugals.com

All copying and transmission other than user and intended recipient is strictly prohibited.

Do not print. Save Paper. Save the Environment.

WHIRLER CENTRIFUGALS PVT LTD

OFFICE : L605, GIDC, ODHAV, AHMEDABAD 382415, GUJARAT, INDIA
 WORKS : 13,14 INDUSTRIAL ESTATE, VARSOLA, MAHEMDABAD, KHEDA 387130, GUJARAT, INDIA.
 info@whirlcentrifugals.com https://www.whirlcentrifugals.com
 GST : 24AAACW1729R1ZX CIN : U29199GJ1990PTC014284

**WHIRLER****Terms & Conditions :**

1	Prices	Ex-works at Odhav, Ahmedabad basis in unpacked condition.
2	Tax	GST @ 18% EXTRA.
3	Packing & Forwarding	2% Extra
4	Transportation	Extra At Actual on To Pay Basis.
5	Payment	100 % of the order value as advance along with confirmed order.
6	Delivery	2 to 3 weeks from the date of receipt of your P.O. with advance.
7	Validity	Up to 15 days Only.

Awaiting for your favorable reply. For further technical or commercial queries please write to us.

Thanks & Regards,

GOPAL PATEL, DIRECTOR @ WHIRLER CENTRIFUGALS PVT LTD

Email your inquiries at E-mail: info@whirlcentrifugals.com

Sales & Marketing: Mobile: 09426419038, 08264365693

Our Ordering Details are as follows.

WHIRLER CENTRIFUGALS PVT LTD

MAKING IN INDIA SINCE 1980

Office : L605, GIDC, Odhav, Ahmedabad 382415, Gujarat, India

Works : 13,14 Industrial Estate, Varsola, Mahemdabad, Kheda 387130, Gujarat, India.

GST : 24AAACW1729R1ZX

CIN : U29199GJ1990PTC014284

BANK : IDBI Bank Limited. Maninagar Branch.

BANK : IFSC : IBKL0000286 A/C. No. 0286658400000198

Do not print. Save The Environment.

Disclaimer:

This transmission, contents and attachments contain information that is confidential and/or legally privileged and is intended for the exclusive use of the recipient. If you are not the intended recipient, please note that any dissemination, distribution, reproduction, copying or reliance on this transmission is strictly prohibited. If you have received this message by error, please notify the sender immediately and permanently delete the message from your system. Opinions, conclusions and other information in this transmission that do not relate to the official business of This Company shall be understood as neither given nor endorsed by it. Any statements made herein that are tantamount to contractual obligations, promises, claims or commitments shall not be binding on the Company unless followed by written confirmation by an authorized signatory of the Company