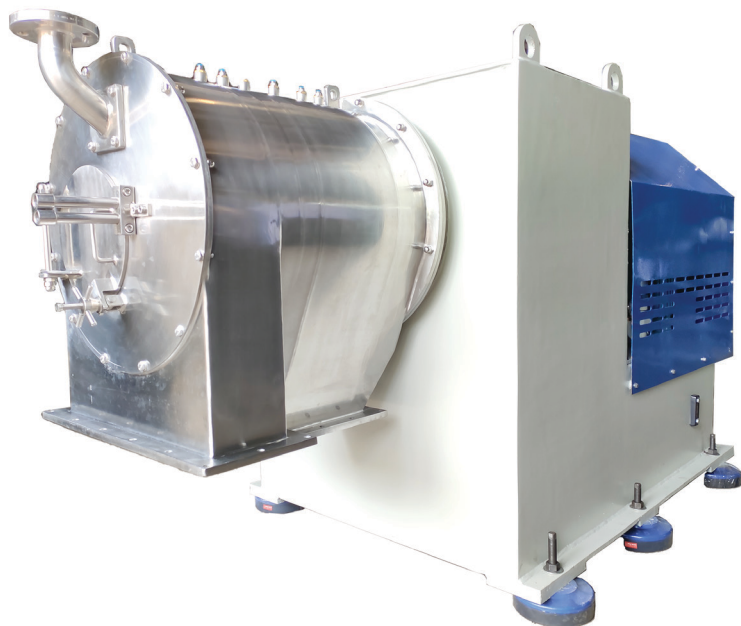


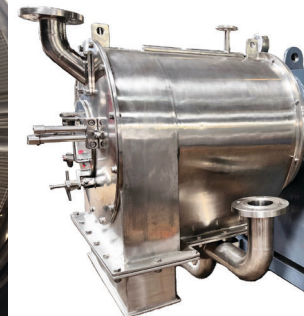
Pusher



A pusher centrifuge is a horizontal, continuous machine for separating free-draining crystalline or fibrous slurries, pushing solids to discharge as liquid filters through the basket walls.

ADVANTAGES

- Slurry (>30 microns) is fed continuously and solids are discharged without interruption
- High throughput suiting large-scale production, handling several tons per hour
- Multi-stage cake washing enables multiple wash zones, enhancing purity, especially in specialty chemical applications.
- Smooth integration with other equipment allows easy connection to dryers, conveyors, bagging systems, or crystallizers.



| HORIZONTAL CONTINUOUS TYPE | BASKET DIAMETER | THROUGH- PUT* | NO OF STROKES | STATIC WEIGHT | ROTATION SPEED | CENTRIFUGAL FORCE | NO OF STAGES | MOTOR POWER |
|----------------------------------|--------------------|------------------|------------------|------------------|-------------------|----------------------|-----------------|--------------------|
| | MM | TN/HR | | KGS | RPM | G | | KW |
| CMP 6 - 10 | 150 250 | 0.2 1 | 30-60 40-80 | 430 900 | 3000 2700 | 750 1000 | 1/2 | 2.2/1.5 5.5/3.7 |
| CHP 8-15 | 200 400 | 0.5 5 | 50-120 50-120 | 900 1800 | 3000 2200 | 1000 1080 | 1/2 | 3.7/3.7 11/5.5 |
| CHP 18 | 450 | 7.5 | 50-110 | 2100 | 2000 | 1000 | 1/2/3 | 15/7.5 |
| CHP 28 | 700 | 18-20 | 50-100 | 4600 | 1300 | 660 | 1/2/3 | 30/18.5 |
| CHP 36 | 900 | 32-35 | 50-90 | 6500 | 950 | 450 | 1/2/3 | 45/30 |

DESIGN VARIATIONS

Operation (Mechanical, Hydraulic)

MATERIAL OF CONSTRUCTION

SS 304/316/316L/904L, Hastelloy C22/C276, Duplex Steel

