

# Pull Action Bottom Discharge



A pull-action vertical batch centrifuge discharges solids from the basket bottom in two steps. First, at reduced speed, a scraper peels the cake from the filter cloth and pushes it out. Then, a hydraulic bottom ring pulls the filter bag downward, shaking off residual heel and leaving the basket nearly clean.

## ADVANTAGES

- Near zero residual heel is achieved with a fully automated cycle: feeding, separation, washing, drying, scraping, bag pulling, and CIP; all controlled via PLC/HMI without operator intervention.
- Reduced operator exposure to hazardous materials.



VERTICAL BATCH TYPE	BASKET DIAMETER MM	BASKET DEPTH MM	WORKING CAPACITY LTS	STATIC WEIGHT KGS	ROTATION SPEED RPM	CENTRIFUGAL FORCE G	FILTRATION AREA SQ M	MOTOR POWER KW
PABD 40	1000	380	152.2	3500	1200	805	1.19	18.5
PABD 48	1250	450	281.6	5000	950	631	1.77	22
PABD 62	1600	900	800	10000	850	646	5	37

## DESIGN VARIATIONS

Body (Bottom Body Bolted, Single Shell Design, Full Body Opening)  
Lid Opening (Center, Half, D-Type, Full)  
Scraper (Single Motion, Dual Motion, Serrated, Knife Edge)  
Feeding (J-Type, Conical Feeding)

## MATERIAL OF CONSTRUCTION

SS (304/316/316L/904L), Hastelloy (C22/C276), Duplex Steel, with optional linings like Halar, Teflon, or rubber

