Peeler Centrifuge for Starch

For the efficient separation and washing of starch in a single sealed environment

Native and modified starches: corn, wheat, potato, rice, tapioca, ...

Peeler model HX/S/L 2000/1400 in a large starch production plant

COMI CONDOR S.p.A. - *Centrifuge technology since 1920*

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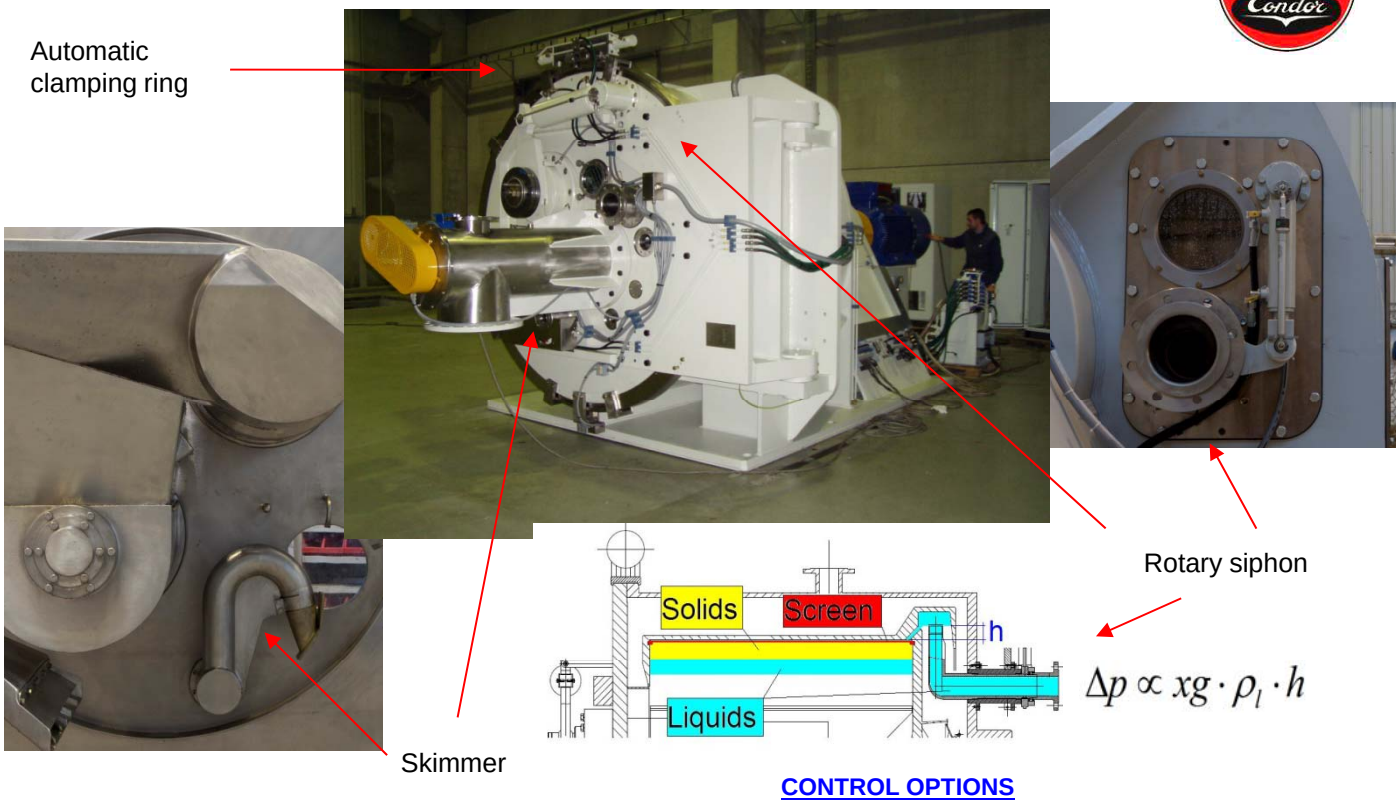
Peeler Centrifuge Design & Specifications



PROCESS ADVANTAGES

- **Rotary siphon**
- **Back wash**
- **Front skimming pipe**
  - Horizontal basket assures even loading of cake
  - Filter medium is easily changed and secured in the basket
  - Polypropylene or PTFE filters of various weaves and sizes
  - Cake peeling at full speed
  - “Heel” regeneration **with back wash**
- **Lower residual moisture**
  - Automatic “clean in process” of the knife to prevent product blockage
  - Automatic sanification of the filter cloth
  - Automatic clamping ring for comfortable and quick front door opening
  - Concrete or carbon steel inertia block foundation
  - Visco dampers are used to reduce dramatically the dynamic forces
  - Engineered design that ensures very low vibrations and noise level
  - Automatic C.I.P. with “washing machine effect” and spray nozzles

CONTROL OPTIONS

- complete PLC controls with touch screen interface
- switch between automatic and manual operation
- variable frequency drive (VFD) speed control

AFTER-MARKET SUPPORT

- field service & technical support available 24/7
- mechanical and electrical parts
- process control and maintenance manuals
- certifications and construction documentation
- mechanical and electrical upgrades

Model HX	Basket mm	Surface sqm	Cake Vol., l	Max Load, kg	Max speed RPM	xg	Weight with no motor, kg	With inertia base and motor, kg
1250/650	1250	2.55	346	484	1,300	1,180	6,500	16,000
1250/800	1250	3.14	426	596	1,300	1,180	8,000	20,000
1300/850	1300	3.47	500	700	1,250	1,135	8,500	21,000
1700/920	1700	4.91	922	1,290	1,030	1,000	14,000	35,500
1700/1150	1700	6.14	1,152	1,614	1,030	1,000	15,500	42,000
1850/1300	1850	7.55	1,520	2,130	985	1,003	26,000	58,000
2000/1400	2010	9.14	2,023	2,832	950	1,000	35,000	76,000
2100/1500	2100	9.9	2,253	3,154	900	950	37,500	80,000