

Virgin Pulp	Graphic/ Specialty	Raw Material Handling	Pulping	Screening	Centrifugal Cleaning	Deinking	Washing Dewatering	Fiber Treatment	Approach Flow System	Water, Sludge, Reject
Recovered Paper	Board & Packaging									
Broke + Approach Flow System	Tissue									
ProEnergy +++		ProQuality +++		ProCapacity ++		ProYield ++		ProSpace ++++		ProEnvironment ++

## CompactPulper

### Savings in space and energy consumption

New paper machines today are getting faster and wider all the time, with ever-increasing production tonnages, even for challenging paper grades. This also means more exacting demands on the operating efficiency of broke pulpers, since these must ensure reliable pulping of broke at all times and whatever the circumstances.

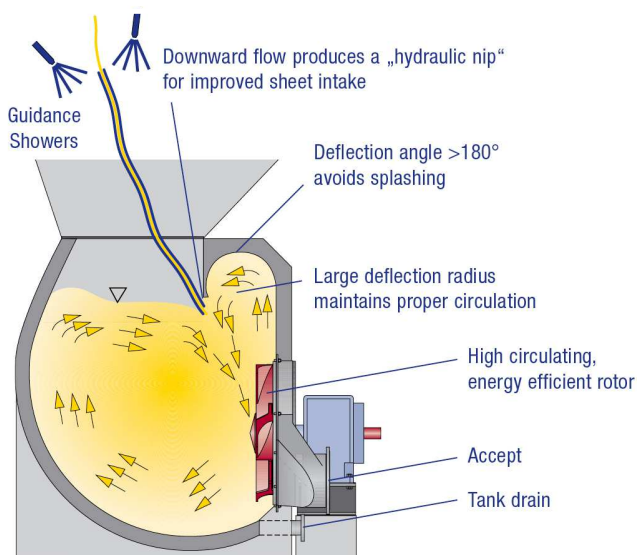
CompactPulper™ (CP) offers savings in space thanks to the slim and compact pulper design, up to 40% more pulper working width for the same installed power compared to conventional designs. The maximum chest width is 12 m, and more intensive pulping is achieved thanks to faster circulation and better rotor contact. An optimized deflector design reduces splashing and improves draw-in. A good submersion of the rotor leads to optimal exploitation of rotor performance potential and less air ingress into the broke system.

#### Customer benefits

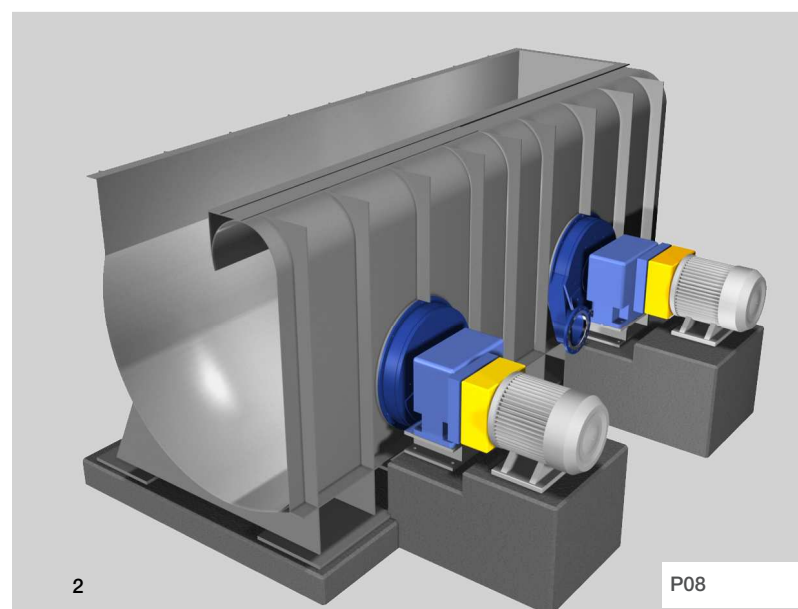
- + 1, 2, 3 or 4 fillings per tank
- + Installed power 55-800kW per pulping unit
- + Low energy consumption
- + Up to 12m tank width
- + Rotor mounted directly on gear shaft end
- + Large open screening surface
- + Easy assembly
- + Separate bearing or gear possible
- + Compact tank
- + Low tank height
- + Tank designed for most favorable flow
- + Adjustable gap between rotor and screen
- + Optional sealing arrangements

1 Principle of CompactPulper CP

2 Installed CompactPulper CP



1



2

P08

### Areas of application

Press broke, dry broke

Stock consistencies in the range of 3 - 6 %

### Dimensions

Size		130	180	220	280	340	400	460	520	770
Motor power	[kW]	55-75	75-110	90-132	90-250	160-400	250-400	250-560	355-560	400-800
Motor speed belt/gear	[1/min]	980/1480						1480		
Stock consistency	[%]	3-6								
Perforation	[mm]	20								

### References

More than 380 machines sold worldwide.

### Further Information

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- Link to product finder:  
[www.voith.com/paper](http://www.voith.com/paper)