



Energy-efficient pulping of virgin paper IntensaPulper IP-V

Most efficient pulping process

The purpose of pulping is to efficiently break down the raw material. IntensaPulper IP-V developed by Voith is a pulper that offers especially energy-efficient pulping of virgin fibers, clean recovered paper or broke in batch or continuous mode. The flow-optimized vat shape combined with the eccentrically arranged rotor creates intensive turbulence. This results in an improved mixing of the suspension and an accelerated bale intake.

Energy savings of up to 30 %

In combination with the Voith IPV Rotor, energy savings of up to 30 % are achieved. In addition, the eccentric rotor arrangement enables a low-loss flow and installations that cause flow losses are avoided.

The IPV Rotor also allows intensive circulation of the stock in the pulper vat, while the defibering function of the rotor is substantially improved.

Integrated bale breaker and junk trap

The bale breaker ensures fast and reliable dividing of the bales. Heavy parts such as occasional pieces of wire are separated using a junk trap. The option to automate this process is available.

BlueLine – sustainable solutions for the future

Because it offers high energy savings, IntensaPulper IP-V is part of our new BlueLine product range. With BlueLine, customers benefit from proven Voith quality and reliability and at the same time low energy, fiber, water and maintenance costs.

Your benefits IntensaPulper IP-V

- + Up to 30 % energy savings thanks to energy-efficient pulping
- + High pulping stock consistency
- + Uniform pulping quality
- + Stable operating conditions
- + Long maintenance intervals
- + Pulping process gentle on fibers

Technical data IntensaPulper IP-V

Installed size IP-V	12	17	26	32	40	50	65	85	107
Working volume periodic [m³]	12	17	26	32	40	50	65	85	107
Working volume continuous [m³]	10	15	23	28	36	46	59	79	99
Installation height [mm]	3 800	4 500	4 600	4 800	5 200	5 600	6 100	6 500	6 800
Diameter of vessel [mm]	2 800	2 900	3 600	3 840	4 300	4 300	5 000	5 200	5 800
Motor power [kW]	75	90	110	132	160	200	250	315	400
Motor power [hp]	100	125	150	200	250	300	350	400	500

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