



**Waukesha  
Cherry-Burrell**

# THE NEW LEVELS OF RELIABILITY FOR THE PULP & PAPER INDUSTRY

## Models:

SP-006-U2  
7 GPM

SP-015-U2  
11 GPM

SP-018-U2  
20 GPM

SP-030-U2  
36 GPM

SP-045-U2  
59 GPM

SP-060-U2  
92 GPM

SP-130-U2  
152 GPM

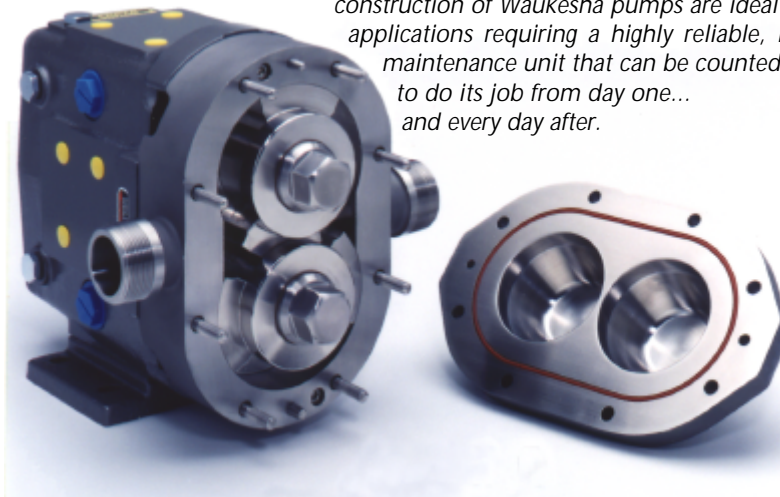
SP-180-U2  
228 GPM

SP-220-U2  
313 GPM

SP-320-U2  
451 GPM

SP-420-UHC  
650 GPM

SP-520-UHC  
830 GPM

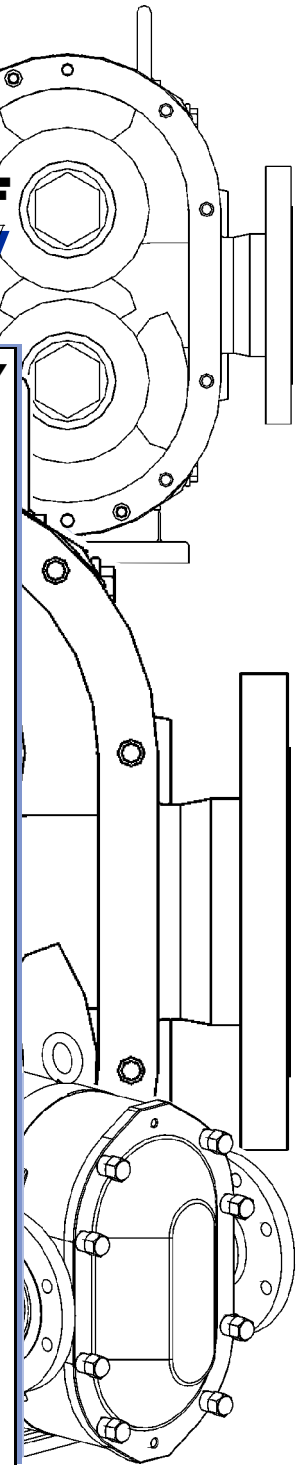


*Waukesha Cherry-Burrell is proud to offer the paper industry our complete line of durable Rotary Pumps. The unique design and rugged construction of Waukesha pumps are ideal for applications requiring a highly reliable, low maintenance unit that can be counted on to do its job from day one... and every day after.*

## Key Advantages of the Waukesha Rotary Pump in Paper Mill Applications

- ▶ Ideal pump for hot cooked starch
- ▶ Pumps filled with settled slurries will start without damaging pump or seals
- ▶ Pump with water flushed seals can run dry indefinitely
- ▶ Low shear pump will not harm sensitive materials
- ▶ Smooth pulsation free flow
- ▶ No internal rotor contact
- ▶ Shaft timing less critical than lobe pump design
- ▶ Bearing Isolators available

*Typically requires less horsepower than Progressing Cavity*



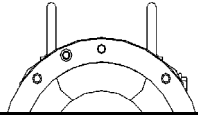
## ADVANTAGES TO EVERYONE

### Chemical suppliers and Paper mills

*both benefit when you specify Waukesha Rotary Pumps for your mill trials. You worked hard for the opportunity to demonstrate the competitive advantages of your product. Why put the outcome of the trial at risk using less than the best equipment? With Waukesha, you eliminate pump performance as a variable in your trial.*

### Mill Personnel

*benefit from Waukesha's rugged design, ease of maintenance and high degree of reliability. Don't run the risk of a machine shut down due to failure of a chemical feed. Avoid the high maintenance costs associated with pump rebuilds. Let Waukesha keep you up and running-- trouble free!*



# APPLICATIONS & ADVANTAGES

## Low Shear

Ideal in handling sensitive materials such as made-down polymer, starch slurries, emulsion, cooked starch, fillers and coatings.

## Smooth, Pulsation-Less Flow

The unique arc-shaped rotor wing creates a long sealing path, resulting in reduced slip and smooth flow characteristics.

## Rugged Construction

All units are constructed of 316 stainless steel with non-galling alloy 88 steel rotors to ensure long service life. With water flushed seals, the pump can be run dry indefinitely; an operation that would tear apart a progressing cavity pump. Pumps are available with NPT or flanges.

## Ease of Maintenance

Servicing a Waukesha pump is a snap. The rotors can be inspected by removal of the faceplate; inspection of the seals require the simple removal of the pump casing. Simple maintenance, rugged design and construction are a few of the reasons that Waukesha pumps have been known to operate for 50 years and still run strong.

## Nationwide Expertise

Nationwide network of distributors in place to help you select the proper pump for your critical operation.

MODEL	DISPLACEMENT PER REVOLUTION	NORMAL CAPACITY TO:	INLET/OUTLET	PRESSURE RANGE UP TO:	MAXIMUM RPM	TEMP RANGE
SP-006-U2	.008 GAL. (.030 LITER)	7 GPM (1.6 m <sup>3</sup> /hr.)	1"	300 PSI (20.7 bar)	900	(-)40° F/C to 300°F (149°C)
SP-015-U2	.014 GAL. (.053 LITER)	11 GPM (2.5 m <sup>3</sup> /hr.)	1.5"	250 PSI (17.2 bar)	800	
SP-018-U2	.029 GAL. (.110 LITER)	20 GPM (4.5 m <sup>3</sup> /hr.)	1.5"	200PSI (13.8 bar)	700	
SP-030-U2	.060 GAL. (.227 LITER)	36 GPM (8.2 m <sup>3</sup> /hr.)	1.5"	250 PSI (17.2 bar)	600	
SP-045-U2	.098 GAL. (.371 LITER)	59 GPM (13.4 m <sup>3</sup> /hr.)	2"	450 PSI (31.0 bar)	600	
SP-060-U2	.153 GAL. (.579 LITER)	92 GPM (20.9 m <sup>3</sup> /hr.)	2.5"	300 PSI (20.7 bar)	600	
SP-130-U2	.253 GAL. (.958 LITER)	152 GPM (34.5 m <sup>3</sup> /hr.)	3"	200 PSI (13.8 bar)	600	
SP-180-U2	.380 GAL. (1.438 LITER)	228 GPM (51.8 m <sup>3</sup> /hr.)	3"	300 PSI (20.7 bar)	600	
SP-220-U2	.521 GAL. (1.972 LITER)	313 GPM (71.1 m <sup>3</sup> /hr.)	4"	200 PSI (13.8 bar)	600	
SP-320-U2	.752 GAL. (2.846 LITER)	451 GPM (102.4 m <sup>3</sup> /hr.)	6"	250 PSI (17.2 bar)	600	
SP-420-UHC	1.62 GAL. (6.13 LITER)	650 GPM (147 m <sup>3</sup> /hr.)	6"	200 PSI (13.8 bar)	400	
SP-520-UHC	2.38 GAL. (9.00 LITER)	830 GPM (187 m <sup>3</sup> /hr.)	8"	200 PSI (13.8 bar)	350	

Your Imagination. Our Ingenuity.



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CERTIFIED**