

*L2 AND L5 SCREW PUMPS*

**FOR OPTIMAL LOADING AND  
UNLOADING IN ASPHALT  
TERMINALS**



## L2 AND L5 SCREW PUMPS

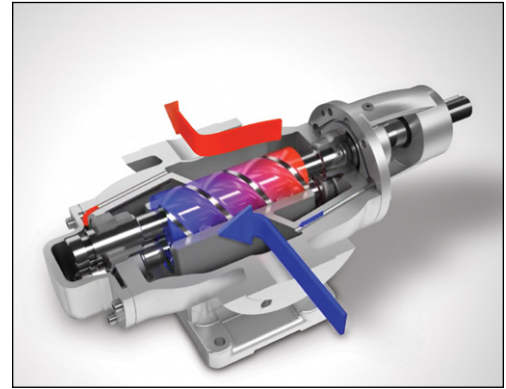


Does your asphalt arrive at temperatures below spec? Do cold slugs break your pump's gear teeth or shafts? If so, you can eliminate these problems with the installation of Leistritz L2 or L5 screw pumps.

Leistritz L2 and L5 screw pumps are flexible, reliable and cost effective. Their unique design and powerful suction capability let you pump asphalt at temperatures as low as 250°F. That's at least 20°F below other pumps. You'll be moving asphalt instead of heating it. There's less energy consumption, faster material handling, greater efficiency, and more money in your pocket.

Leistritz L2 and L5 screw pumps cut maintenance costs as well. They operate under cold conditions without breaking gear teeth or shafts. By design, the pump's internal porting and screw profile handle slugs of cold asphalt without damaging the rotating elements. Additionally, the integral relief valve lets you manually re-circulate the asphalt internally. This allows you to pump cold slugs from your piping while eliminating the potential for broken shafts caused by over pressurization.

- Optional speed controller allows unloading at temperatures as low as 250°F (faster transfer or unloading)
- Jacketed ductile iron or cast steel casing
- Integral relief valve with a by-pass hand wheel
- Resistance to damage from cold slugs and intermittent cavitation
- No wear plates; hydraulically balanced rotor set
- Single bearing and seal, with the seal subject only to inlet pressure
- Superior suction lift capability
- Direct coupled to motor
- Reversing capability allows emptying of pipe lines
- Quiet, pulsation-free operation



### PERFORMANCE CHARACTERISTICS FOR 64-22 ASPHALT AT 50 PSI DIFFERENTIAL PRESSURE

#### LEISTRITZ L2NG PUMP

Size	Temperature (°F)	Speed (rpm)	Flow Rate (gpm)	Power (Hp)	Required Inlet Pressure (psia)
82/140	265	1760	230	15	7.4
	250	1160	151	9	5.1
96/132	265	1760	300	20	7
	250	1160	196	12	5
106/150	265	1760	415	26	8.4
	250	1160	275	18	6.7
106/180	265	1760	500	29	10.4
	250	1160	330	20	8.0
116/180	265	1760	600	35	10.4
	250	1160	400	24	7.9
126/180	265	1760	700	42	10.9
	250	1160	460	28	7.9
140/196	250	1160	625	37	8.6
164/210	250	1160	920	53	9.4
186/200	250	1160	1130	67	8.9

#### LEISTRITZ L5NG PUMP

Size	Temperature (°F)	Speed (rpm)	Flow Rate (gpm)	Power (Hp)	Required Inlet Pressure (psia)
125/184	250	1160	1220	90	8.1
140/184	250	1160	1530	115	8.1
164/180	250	1160	2060	153	7.9
186/170	250	1160	2510	190	7.5
186/210	250	1160	3100	215	9.4

\* Other flow rates available upon request

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