

L2 AND L5 SCREW PUMPS KEEP ENERGY & MAINTENANCE COSTS AT AN ABSOLUTE MINIMUM

When asphalt temperatures go down, traditional pumping equipment requires heat to raise the asphalt to a suitable pumping temperature. And rail cars or barges stay longer at your terminal. Together they increase operating costs, and take money out of your pocket.

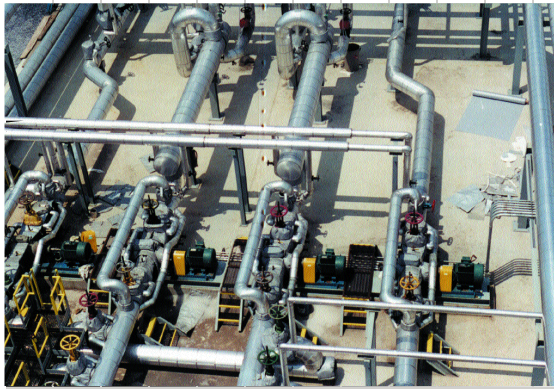
Why use less efficient methods to heat rail cars when Leistritz screw pumps allow you to pump cold asphalt to your already heated storage facilities. And that means less energy consumption, faster material handling, greater efficiency, and more money in your pocket.

Leistritz L2NG and L5NG screw pumps cut maintenance costs as well. These pumps can operate under cold conditions without the fear of breaking gear teeth or shafts. Our hydraulically balanced design eliminates the need for a thrust plate that will wear out and the seal operates under suction pressure. Together, this means longer pump life and minimal maintenance.

Leistritz L2NG and L5NG screw pumps keep these costs to a minimum. 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 while others are still heating it.

Learn how other asphalt terminals have cut operating costs with Leistritz L2NG and L5NG screw pumps. For information, visit us at

www.leistritz.com



L2NG & L5NG SCREW PUMPS

Leistritz pumps are used at asphalt terminals to move product between carriers and storage tanks. Their exceptional suction capability allows the unloading and/or transfer of asphalt at higher flow rates, even when temperatures are low. A firm commitment to engineering efficiency and product quality assures long life with minimal maintenance.

Only Leistritz L2 and L5 Screw Pumps Offer This Combination of Features

- Excellent asphalt flow rates at temperatures from 250°F~ 350°F
- Jacketed ductile iron 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 suction lines
- Quiet, pulsation-free operation
- Optional speed controller allows unloading at temperatures lower than 250°F

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

LEISTRITZ L2NG PUMP					
Size T	Temperature (°F)	Speed (rpm)	Flow Rate (gpm)	Power (Hp)	Required Inlet Pressure (psia)
106/120	265	1760	415	26	8.4
	250	1160	275	18	6.7
116/180	265	1760	600	35	10.9
	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 T	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

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