Liberty Lift Long Stroke Unit Model XL

SPECIFICATIONS

Model	XL 320-360-291	XL 320-500-306	XL 320-500-366	XL 320-550-416
Reducer Rating	320000 in-lb	320000 in-lb	320000 in-lb	320000 in-lb
Structure Rating	36,000 lbs	50,000 lbs	50,000 lbs	55,000 lbs
Stroke Length	291"	306"	366"	416"
Maximum Pumping Speed *	4.5 SPM	4.3 SPM	3.7 SPM	3.2 SPM
Minimum Pumping Speed	No absolute	No absolute	No absolute	No absolute
Minimum Counterbalance	8,551 lbs	9,245 lbs	9,245 lbs	9,245 lbs
Auxiliary Counterbalance	23,949 lbs	30,755 lbs	30,755 lbs	30,755 lbs
Total ECB	34,500 lbs	40,000 lbs	40,000 lbs	40,000 lbs
Unit Dimensions - L x W x H	21.6' x 11.3' x 39.5'	23.9' x 11.3' x 44.3'	23.9' x 11.3' x 49.3'	26.0' x 11.3' x 53.5'
Unit Shipping Size - L x W x H	49.7' x 8.1' x 9.0'	44.3' x 8.2' x 10.2'	49.3' x 8.2' x 10.2'	53.5' x 8.2' x 10.2'
Unit Shipping Weight	50,787 lbs	57,967 lbs	60,192 lbs	62,346 lbs
Concrete Base Dimensions	8.5' X 24'	8.5' X 24'	8.5' X 24'	8.5' X 24'
Concrete Base Weight	29,000 lbs	29,000 lbs	29,000 lbs	29,000 lbs
Concrete Nose Pad Dimensions	Not Required	5' X 10'	5' X 10'	5' X 10'
Concrete Nose Pad Weight	NA	6751 lbs	6751 lbs	6751 lbs
Working Temperature	-40°F to 140°F	-40°F to 140°F	-40°F to 140°F	-40°F to 140°F
Load Belt Dimensions	381.75" X 40"	441" X 50"	501" X 50"	551" X 50"
Load Belt Tensile Strength	10,000 piw	10,000 piw	10,000 piw	10,000 piw
Automatic Braking System	Yes	Yes	Yes	Yes
Hydraulic Rollback System	Yes	Yes	Yes	Yes

* The average pumping speed can be increased using a VSD.