

CONCRETE REQUIREMENTS

We would like to take this opportunity to inform you of the concrete requirements for our current production lifts. Below you will find the concrete thickness, strength, anchor torque and specifications for concrete pads if the above is not attainable.

Lift Model #	Min Anchor Embedment	Concrete Thickness	PSI Strength	Anchor Torque Ft-lbs
A7i,9i,7Di *	3 ¼”(83)mm	4 ¼”(108mm)	3,000(207bar)	150
S9i,S12i,S15i,S18i *	3 ¼”(83)mm	4 ¼”(108mm)	3,000(207bar)	150
S7Ti *	3 ¼”(83)mm	4 ¼”(108mm)	3,000(207bar)	150
SPOA7,9 *	3 ¼”(83)mm	4 ¼”(108mm)	3,000(207bar)	150
SPO9,12,15,18 *	3 ¼”(83)mm	4 ¼”(108mm)	3,000(207bar)	150
TLO7,SPOA832*	3 ¼”(83)mm	4 ¼”(108mm)	3,000(207bar)	150
SMO123i,ARO123i *** SMO123,ARO123 ***	3 ¼”(83)mm	4 ¼”(108mm)	3,000(207bar)	45 rear 150 front
SM123,AR123,SM101**	n/a	5”(127mm)	2,000(138bar)	35-45
QL4P/QLHV**	n/a	5”(127mm)	3,000(207bar)	35-45
SM180,181**	n/a	5”(127mm)	3,000(207bar)	35-45
SM300,301,302, RFL25**	n/a	5”(127mm)	3,000(207bar)	35-45
VL6,VLS6,VLD6	n/a	5”(127mm)	3,000(207bar)	90
VM6	n/a	5”(127mm)	3,000(207bar)	90

*On all Two post models; If anchors do not tighten to specified torque, replace concrete under each column base with a 4' X 4' X 6" thick 3,000psi minimum concrete pad keyed under and flush with top of existing floor.

** On Four post except models if anchors do not tighten to specified torque, replace concrete under each column base with a 24" X 24" X 6" thick 3,000psi minimum concrete pad keyed under and flush with top of existing floor.

***If it is the open front columns of an SMO/ARO model must follow the two post requirements, replace concrete under each column base with a 4' X 4' X 6" thick 3,000psi minimum concrete pad keyed under and flush with top of existing floor.

Thanks,

Kelly Boldery