

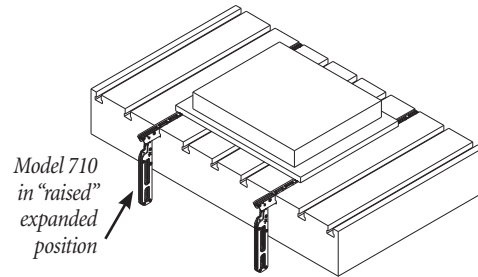
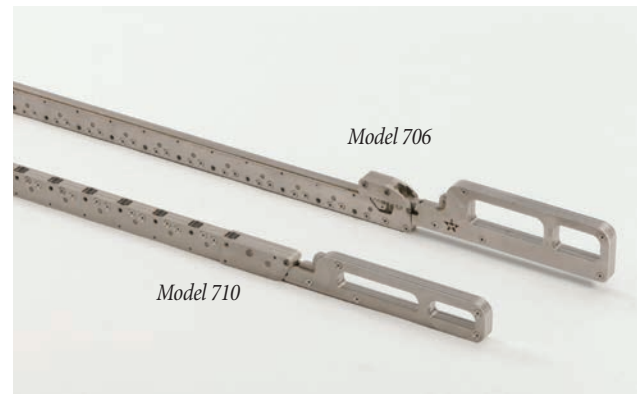
HAND OPERATED AND PORTABLE, MECHANICAL DIE LIFTERS AND LIFTER SYSTEMS

Model 710. The popular and portable Mechanical Die Lifter Rail is typically installed in a slot in the bolster with rollers up. The lifters are mechanically actuated by hand to the lifted position prior to die insertion and then released to lower the die. (Note: The amount of force required to elevate the die varies with handle position and is in the range of 1.5% to 2.5% of die weight. 2,000 lb. die = 30-50 lbs.) To allow portable lifters to be taken from press to press, slots are shimmed to a common slot depth among presses. Model 710 lifters are used with standard Bolster Extensions.

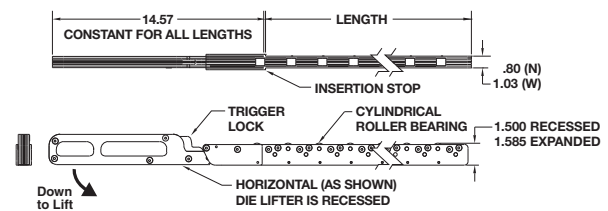
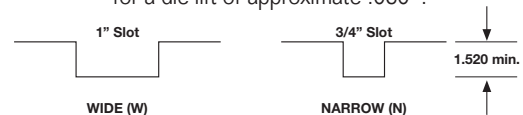
The lifter is inserted, handle up, under the die. When the handle is moved to the horizontal position the die lifter expands .085" to lift the die approximately .060" above the bolster surface. Available in .80" Narrow (N) 3/4" slot and 1.03" Wide (W) 1" slot versions, these portable units can be used in multiple presses, greatly reducing QDC equipment costs.

Model 706. A mechanically actuated die lifter which is used, rollers down, to move dies from "slotted" Bolster Extensions or a die transfer table onto the bolster and vice-versa. With rollers down, this acts to add wheels to the die. (See page 30 for the combined Model 706 lifter and Bolster Extension options).

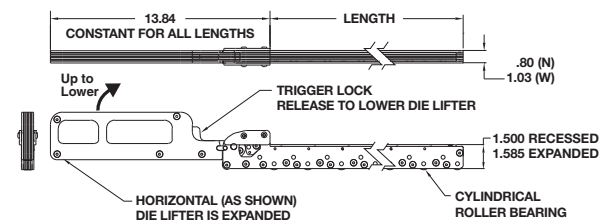
Model No.	Standard Lengths	Max Load Capacity per pair
710N (3/4" slot)	24"/30"/36"/42"/48"	8,000 lbs.
710W (1" slot)		
706N (3/4" slot)	24"/30"/36"/42"/48"	8,000 lbs.
706W (1" slot)		



PFA recommends machining or shimming slots to 1.525"-1.530" for a die lift of approximate .060".



MODEL 710



MODEL 706

Example:

Style	Model Number	Slot Requirement	Length
MR	Pull from chart	Narrow = N Wide = W	
MR	710	W	36

Part No: **MR-710W-36**