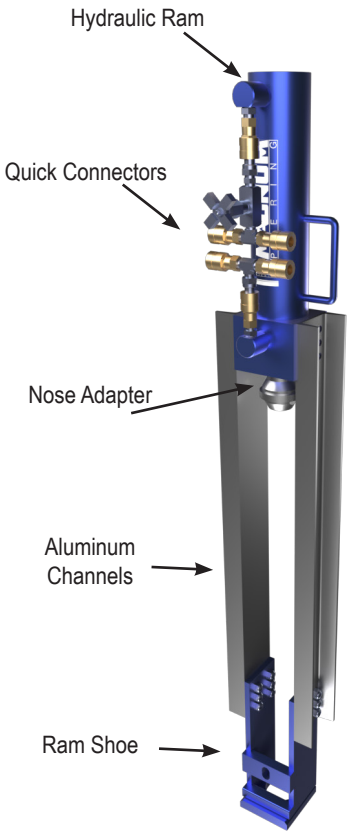
MAGNUM® MP7100K Ram Kit

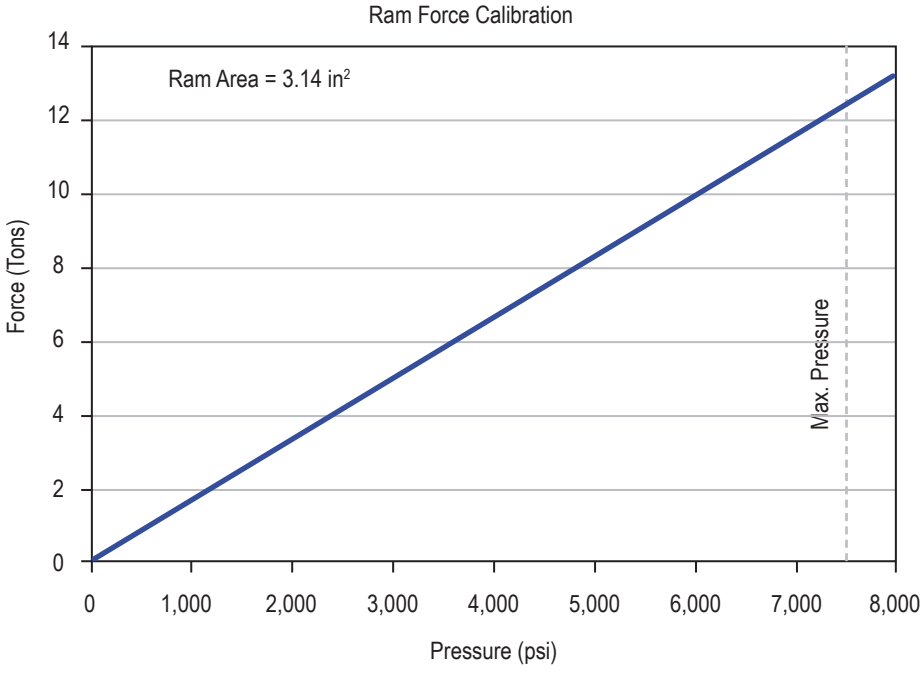
12 Ton Maximum Capacity

2.00” Bore, 12” Stroke, 7,500 psi Maximum Pressure Hydraulic Ram Assembly for MP212 Push Pier Shaft

Description: Magnum® MP7100K Push Pier Rams are used for installation and load testing Magnum MP212 push piers. The ram has an ultimate capacity of 12 tons at maximum pressure. It is used for repair, lifting, and permanent support of existing foundations. Ram height with channels is 52-7/8 inches. The assembly can accommodate push pier columns up to 18″ long that are coupled together by male-female slip connections. Additional push pier column sections can be added until the pier reaches adequate bearing material and a successful load test is achieved. Ram shoe fits various Magnum foundation brackets. Permanent pier to bracket connection is made with up to three (3) ¾″ Grade 8 bolts.



Specifications	
Bore	2.00” Dia.
Piston Rod	1.25” Dia
Stroke	12”
Max. Pressure	7,500 psi
Burst Pressure	15,000 psi
Bolts	(1) 3/4”
Nose Adapter	1.75” Dia. (Fits MP212 Push Pier Shaft)
Hydraulic Hose	3/8” Dia.



Note: Magnum’s push piering system is used for stabilization and lifting. Bracket connection to structure, required pier capacity, and pier spacing should be designed by a professional engineer taking into account the thickness, weight, live loads, and punching shear strength of the existing foundation.

MAGNUM PIERING designed to support