



Slide Rail System - Panel Puller

Panel Puller

The Pro-Tec Equipment Panel Puller is a 90-Ton Hydraulic Slide Rail Panel Extraction system. Designed to enable either direct connection to an excavators auxiliary hydraulic system or an external power pack that provides 5,000 psi to enable maximum pulling force, the Panel Puller delivers enough force to extract Slide Rail Panels.

Using a 4.9" (125mm) diameter piston, and the ability to apply upwards of 89,900 lbf (400kN) of lifting force, the Panel Puller slowly and steadily lifts slide rail panels.

The Pro-Tec Equipment Panel Puller provides enough force to pull a slide rail panel to an easily accessible extraction point. Designed with a 3'3" (1m) stroke, and multiple strap connections, the Panel Puller is able to achieve this through multiple lifts, while sitting on top of the excavation.

Additionally, the Panel Puller has the ability to provide site access relief on job-sites where access is an issue. With a smaller footprint than an excavator, the Panel Puller can be used to extract panels in the tightest of job-sites.



Height	9'2" (2.8m)
Foot Pad	24.5" x 16.5" (622mm x 419mm)
Stroke	3'3" (1m)
Volume	3.24 g (12.27 l)
Max Pressure	5,000 psi (350 bar)
Max Lifting Force	89,923 lbf (400kN)
Weight	2,495 lb. (1,130 kg)

Note: The limiting factor is the capacity of the lifting chain.





Step 1. With Panel Puller removed from packaging, connect machine to top of puller and move toward working area



Step 2. Position Panel Puller so that when it is laid on the ground the hose connections are facing up.



Step 3. Verify the connections of supplied 6' (1.8m) hoses are secure. Note, opposite end of hoses have 1/2" male NPT fittings.



Step 4. Using the proper quick connect (not supplied) for a power pack or machines aux. hydraulic system, connect hoses. Verify secure connection.



Step 5. With hoses connected, attach rigging to lower connection, and move to Slide Rail System.



Step 6. Bring Panel Puller system to Slide Rail System, setting Panel Puller on a stable area.



Step 7. Have crew connect distributor supplied rigging to desired panel.



Step 8. Using power pack or auxiliary system, begin process of applying force to remove panel.



Step 9. Depending upon depth of system, rigging may have to be choked up or moved to higher connection point on the Panel Pusher. Repeat steps 6 - 9 as needed to remove system.



PRO-TEC EQUIPMENT

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