

**MAXIMUS**

Completion Systems



**LINER HANGER SYSTEMS**

365 Manjusar G.I.D.C.,  
Taluka Savli,  
Vadodara- 391745,  
Gujarat State,  
India.

[www.maximuscompletions.com](http://www.maximuscompletions.com)

**MAGNUS HYDRO TRIP  
PRESSURE SUB**

**LINER HANGER SYSTEMS**  
**TECHNICAL UNIT**

Authored by: RAJAT

TECH UNIT No.	281
MODEL	MHTPS
DATE	06/01/2018
REV.	00

**MAGNUS HYDRO TRIP PRESSURE SUB**

Approved by: Jogendra Singh

**DESCRIPTION :**

The Model Magnus Hydro Trip Pressure Sub is a pressure actuated device installed in tubing string below a hydrostatically actuated tool such as a packer. It provides a method of applying pressure to activate and set the packer and then through continued pressure, activate the Hydro Trip Sub.

Packer is set by circulating a ball through packer down to ball seat in the Hydro Trip Sub. After packer is set, a continued increase in pressure is applied to shear the shear screws in the shear ring, allowing the ball seat collet to move down into the collet relief area and allowing the ball to pass down the Hydro Trip Sub through the tubing, leaving a "full open" Sub with no restrictions to production.

**SIZE AVAILABILITY :**

- 2 3/8" TO 4 1/2".

