

## RAM BLOWOUT PREVENTERS FOR EVERY APPLICATION

There are four basic models of Shaffer ram blowout preventers:

**SL Models.** These NL Shaffer state-of-the-art ram preventers are designed for high pressure, critical service operations, deep land drilling and subsea service.

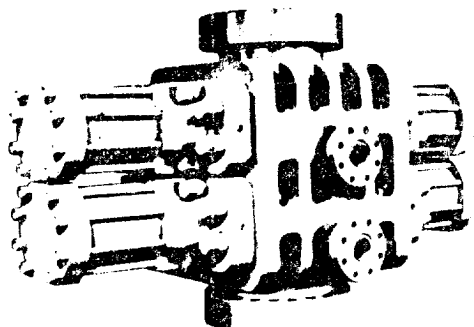
**Sentinel™ Models.** These lightweight, compact preventers are designed specifically for well servicing,

workover and low pressure drilling.

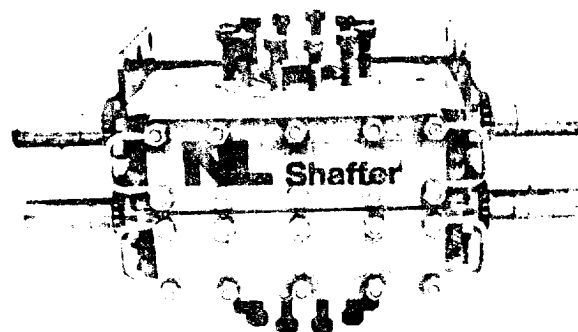
**LWS Models.** Perhaps the best known Shaffer ram preventers, these are ideal for smaller bore, lower working pressure applications.

**LWP Models.** Also with a long standing reputation, these are designed for a number of low pressure operations in specific geographic areas.

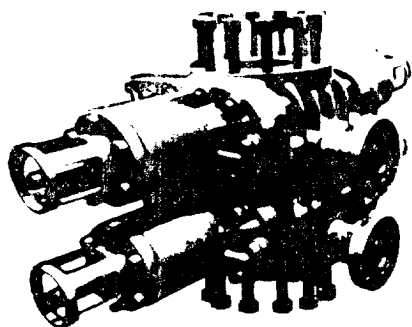
RAM BOP SIZES AND MODELS									
Working Pressure (psi)	Bore (in.)								
	4 1/16	7 1/16	9	11	13 3/4	16 3/4	18 3/4	20 3/4	21 3/4
15,000									
10,000									
5,000									
3,000									
2,000									



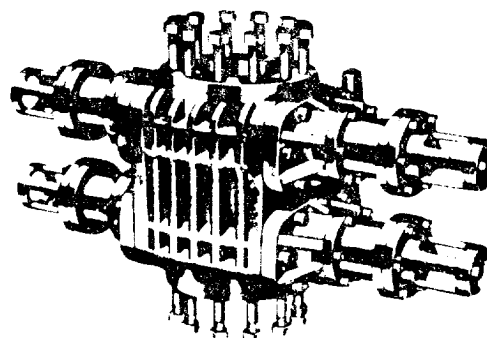
Model SL BOP



Sentinel BOP



Model LWS BOP



Model LWP BOP