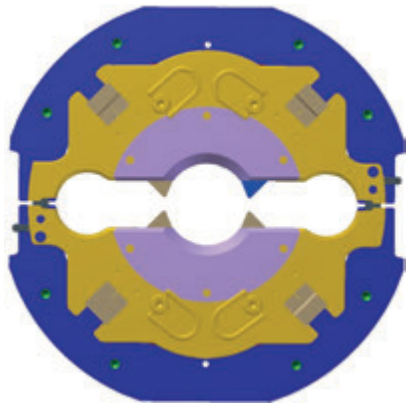




**VERTECO**  
 Vermilion River Tool  
 & EQUIPMENT COMPANY

## S-401B 500 Ton FMS

<b>DESIGN STANDARD</b>	API 7K (and 8C)
<b>RATING</b>	500 Tons
<b>SAFETY FACTOR</b>	2.25 X
<b>ROTARY</b>	37 1/2"
<b>RANGE</b>	3 1/2" - 7 5/8"



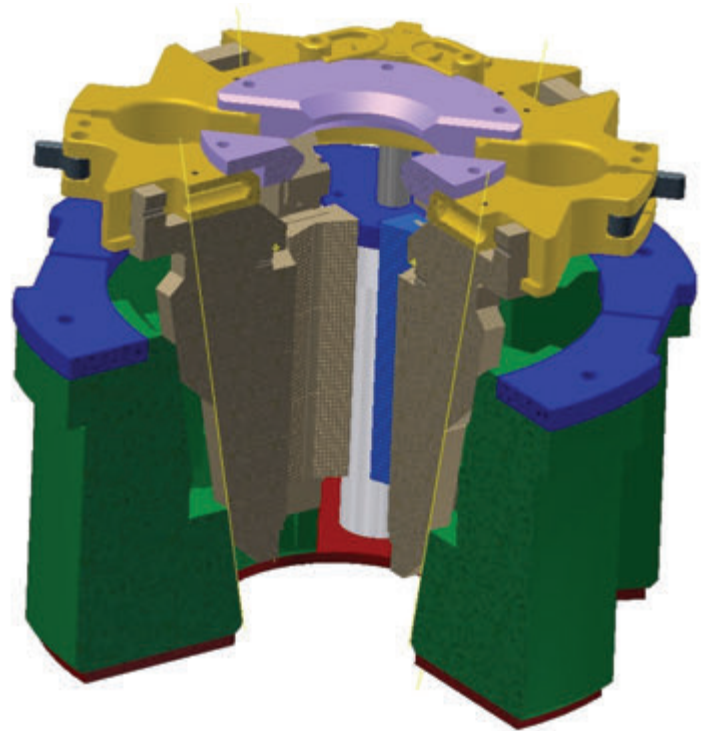
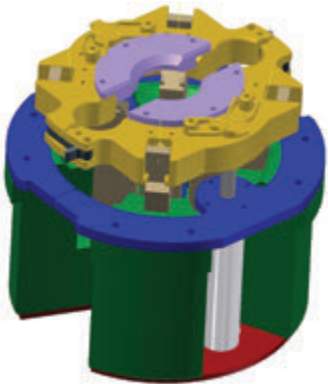
### OPERATIONAL FEATURES:

- Self-locking design does not require the use of a tether and holds backup torque eliminating the need for backup tools
- Convenient for running tapered string due to 1" die gripping range

- Split bowl design eliminates the possibility of stuck pipe and makes insertion and retrieval simple
- Teardown, inspection and reassembly takes less than two man-hours

### SAFETY FEATURES:

- Industry leading 2.25 X safety factor
- Reduced pinch points
- Reduced pipe stress
- All parts visible in operation
- Flush mount design eliminates need for scaffolding
- Max. projection above rotary 14"
- Tool holds down force. No backup tong or operator is required



### DESIGN FEATURES:

- 500 Ton universal tool fits in ALL 37 1/2" rotaries
- Patented die design produces 1/2 the stress in pipes of conventional dies and eliminates the possibility of crushed pipe
- Stress cracking totally eliminated as no welds or castings are used in the tool

