



# DEPLOYMENT TOOL SELECTION GUIDE

**KEY:** Good performance  
Limited performance  
Poor performance

	CENTRALISERS				Knuckle Joints	Head tension	Swivel Joint	Shock Absorber	Weight Bars
	Springbow	3 arm Roller	3 arm Roller Easy Entry	4 arm Roller					
Vertical wells									
Horizontal, highly deviated wells									
Open hole completions									
Large casing / small tubing									
Suspected damaged casing									
High flowrate wells									
Improved CCL in large pipe									
Severe doglegs									
Buckled / twisted pipe									
Tractor deployment									
CT or CSR deployment									
De-coupling cable torque									
Cablehead loads									
Shock protection with guns									

**NOTES**

Always centralize spinners, fluid identifiers & pipe inspection tools. The centralizing force may be adjusted by changing springs.  
 Using springbow centralizers in smaller pipe, run additional weight to facilitate passing restrictions.  
 To eccentre the CCL & de-couple running tool weights always use two knuckle joints; in larger pipe space out the knuckle joints with a Gamma Ray tool.