



LiMAR

Well Intervention Products



COMPACT COMBINATION TOOLSTRING 2-1/2" NOMINAL

The **LiMAR**[®] Compact Combination Toolstring (CCT) is a fully customisable selection of components designed for use in applications where lubricator height is limited.

The LiMAR[®] CCT integrates all of the necessary functionality required of a wireline toolstring, in a reduced overall length whilst maintaining operational performance.

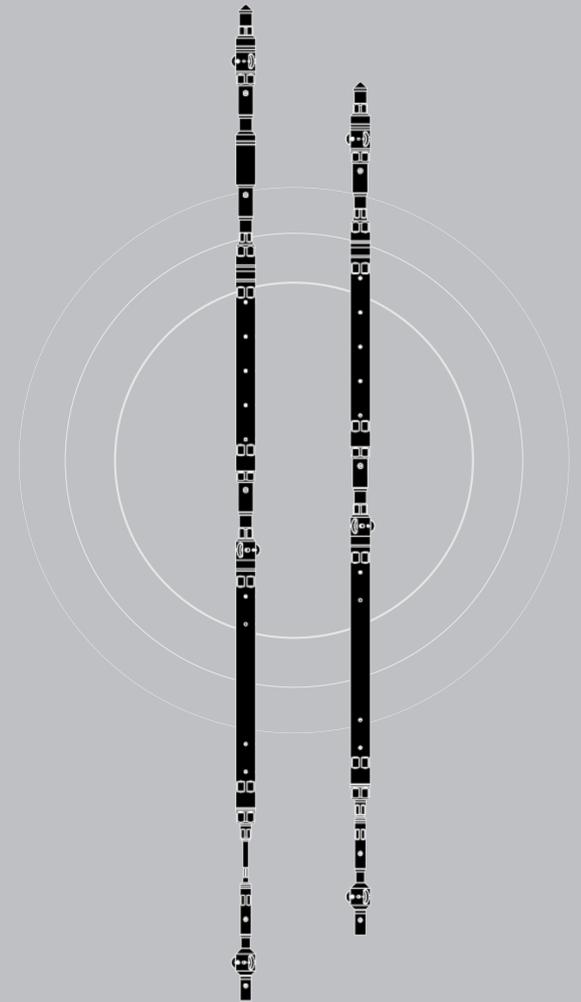
The fully bespoke design can be as basic or complex as the customer desires. From a simple heavy stem and tubular jar configuration to a fully functional high impact, rollerised design, the operational flexibility is extensive.

TOOL APPLICATIONS:

- For use during operations with limited lubricator / rig up height
- Optimising toolstring performance in high angle wells

DESIGN FEATURES & BENEFITS:

- Fully customisable to suit a range of applications by constructing the CCT from a selection of the following components;
 - Rope Socket - Braided Line
 - Rope Socket - Slickline
 - Swivel Sub
 - Accelerator
 - Stem
 - Roller Stem
 - Tungsten Stem
 - Tubular Jar Housing
 - Spring Jar
 - Hydraulic Jar
 - Dummy Slide Stem
 - Multi-Roller Sub
 - Fluted Centraliser
- Lower connection options to suit customer requirements
- Simple, robust design ensuring ease of operation for the end user
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break-out



TECHNICAL DATA

Product Code	Component	Actual OD (without Rollers)	To Suit Tubing Size	Upper Fish Neck	Lower Connection	Rollerised Option Available
1007	Rope Socket - Braided	2.800"	3-1/2" & 4-1/2"	1.750"	Optional	Yes
1007	Rope Socket - Slick	2.800"	3-1/2" & 4-1/2"	1.750"	Optional	Yes
1007	Swivel	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes
1007	Accelerator	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes
1007	Stem	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes
1007	Tungsten Stem	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes
1007	Roller Stem	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes
1007	Tubular Jar Housing	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes
1007	Spring Jar	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes
1007	Hydraulic Jar	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes
1007	Optional Slide Stem	2.800"	3-1/2" & 4-1/2"	N/A	Optional	Yes

For additional sizes or further information please contact sales@limaroiltools.com