



## COMPACT COMBINATION TOOLSTRING 3-1/4" NOMINAL

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

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

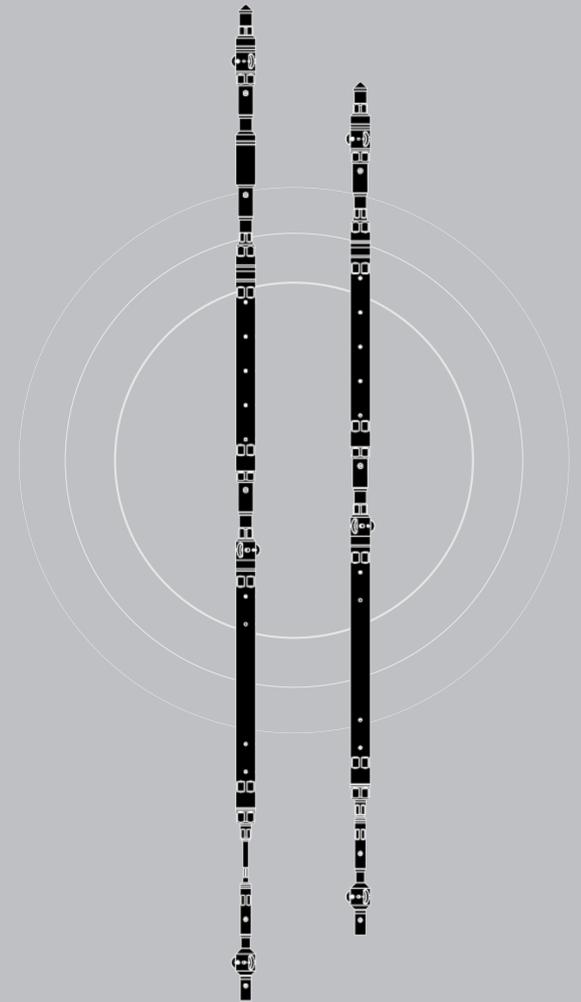
The fully bespoke design can be as basic or complex as the customer desires. From a simple heavy stem and tubular jar configuration to a fully functional high impact, rollerised design, the operational flexibility is extensive.

### 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 Options	Actual OD (without Rollers)	To Suit Tubing Size	Upper Fish Neck	Lower Connection	Rollerised Option Available
1007	Rope Socket - Braided	3.250"	4-1/2", 5-1/2" & 7"	2.313"	Optional	Yes
1007	Rope Socket - Slick	3.250"	4-1/2", 5-1/2" & 7"	2.313"	Optional	Yes
1007	Swivel	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes
1007	Accelerator	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes
1007	Stem	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes
1007	Tungsten Stem	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes
1007	Roller Stem	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes
1007	Tubular Jar Housing	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes
1007	Spring Jar	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes
1007	Hydraulic Jar	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes
1007	Optional Slide Stem	3.250"	4-1/2", 5-1/2" & 7"	N/A	Optional	Yes

For additional sizes or further information please contact [sales@limaroiltools.com](mailto:sales@limaroiltools.com)