



MULTI-ACTION SHEAR (MAS) HDPT - MULTI REACH

The **LiMAR**[®] Multi-Action Shear (MAS) HDPT increases operational flexibility by providing multiple, sequential shear-direction options.

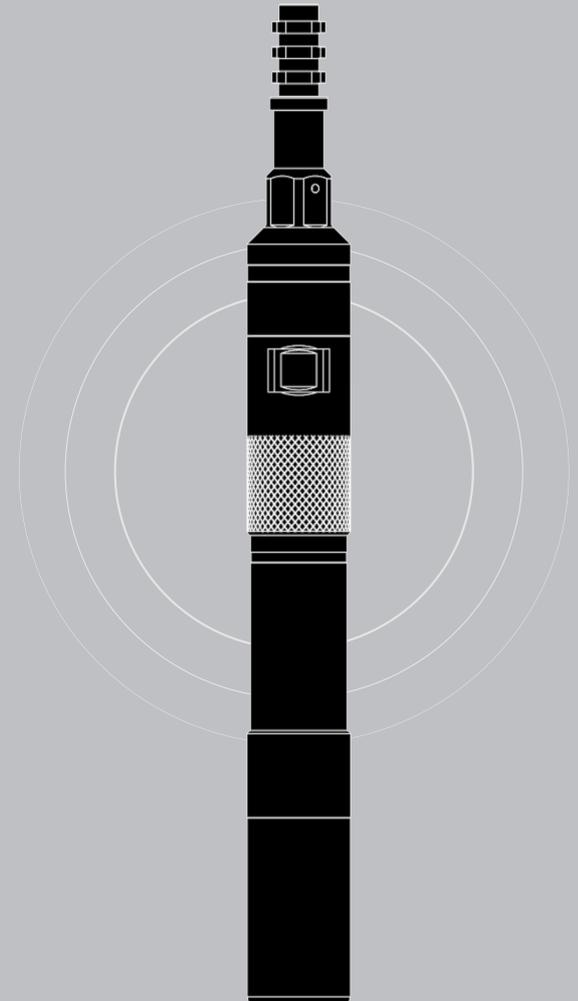
The MAS HDPT is typically used in heavy jarring applications and incorporates the unique Arm-Align[®] feature which allows easy adjustment for Shear Down, Shear Up as well as the Double Jar Down facility. The primary function of this is to reduce the likelihood of a miss-run during operations.

TOOL APPLICATIONS:

- Heavy duty recovery of items with standard external type fishing necks with multiple sequential shear-direction options

DESIGN FEATURES & BENEFITS:

- Simplistic, ergonomic design for rapid redress
- The MAS HDPT can be easily configured for multiple shear direction options;
 - Shear Down
 - Shear Up
 - Jar-down indefinitely, jar-up indefinitely, Shear Down
- LiMAR Arm-Align feature for integral re-arming and shear pin alignment
- Multi-Reach core for ALL known reaches for inventory reduction and cost saving
- One piece collet fingers with increased contact area between collet fingers & fish neck
- Multiple Shear Pin options increasing operational flexibility
- Optional LiMAR Bell Guide Housings available
- 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

Assembly Part No.	Actual OD	Fish Neck	Connection	To Engage Fish Neck
7199-1500-XXX-RX	1.850"	Optional	Optional	1.187"
7199-2000-XXX-RX	2.220"	Optional	Optional	1.375"
7199-2500-XXX-RX	2.720"	Optional	Optional	1.750"
7199-3000-XXX-RX	3.110"	Optional	Optional	2.313"
7199-4000-XXX-RX	4.150"	Optional	Optional	3.125"

XXX - Last 3 digits of part number denotes connection type
 For additional sizes or further information please contact sales@limaroiltools.com