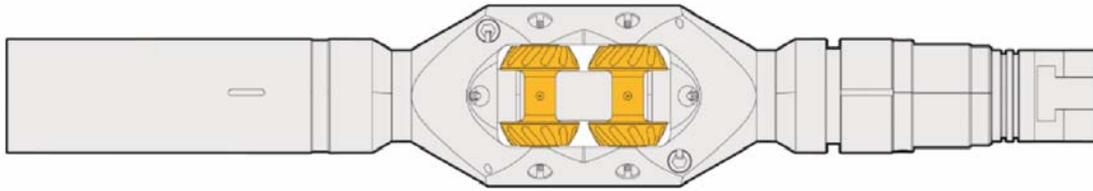
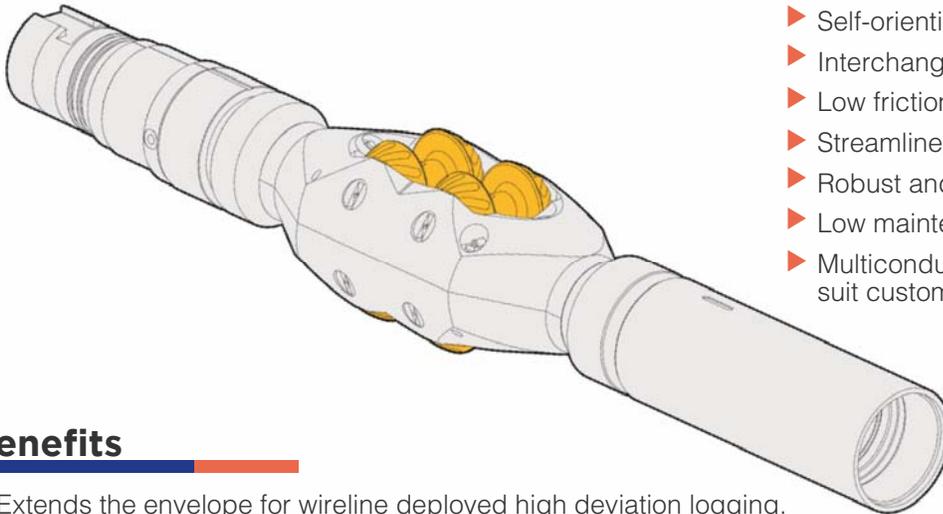


Run wireline safely at greater deviations before costly alternatives need to be considered



Features

- ▶ Self-orienting design.
- ▶ Interchangeable “clam-shell” roller body sizes.
- ▶ Low friction dual rollers.
- ▶ Streamlined profile.
- ▶ Robust and durable tool design.
- ▶ Low maintenance.
- ▶ Multiconductor connection types available to suit customer specification.



Benefits

- ▶ Extends the envelope for wireline deployed high deviation logging.
- ▶ Enables delivery of high quality data through wireline logging.
- ▶ Improves data quality by eliminating tool string “slip-stick”, achieving more constant logging speeds.
- ▶ Reduces operational cost and risk profile significantly in comparison to pipe conveyed logging.
- ▶ Reduces the risk of tool string differential sticking

Open hole wireline logging is relatively straightforward in vertical wells. As deviation increases to even moderate angles, the resulting friction between these heavy tools and the variable wellbore surface can restrict wireline conveyance or even make it impossible.

Greater deviation also increases the risk of differential sticking and such difficult conditions may cause wireline to be abandoned and hugely increase costs incurred for pipe-conveyed logging operations.

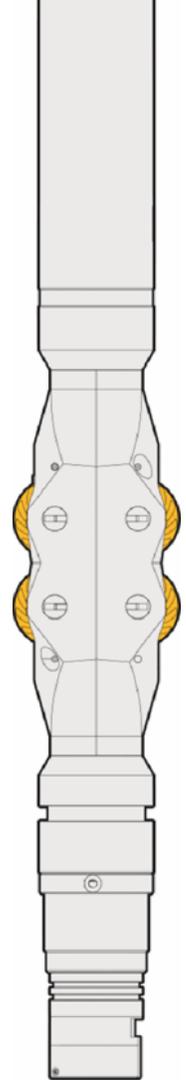
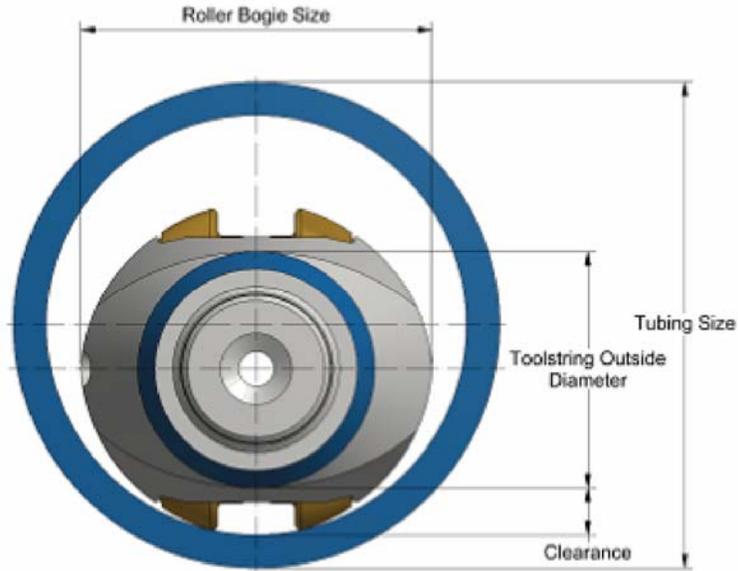
With its long experience in conveyance solutions, Impact Selector’s unique patented Roller Bogie technology increases the safe operating envelope for wireline tools in open hole. Wireline can now be run safely at greater deviations than has previously been possible, before costly alternatives such as pipe conveyed logging needs to be considered.

The Roller Bogie is equally as effective in cased hole environments to extend wireline access for cement logging, plug setting and other cased hole operations with larger tools.

The roller body rotates freely around the mandrel which is connected to the host tool string. The high-lift roller design stands the tool string off the side wall to ensure maximum friction reduction and to manage the risk of differential sticking. Various size roller body sets can be supplied depending upon the hole, casing size and tool string lowercase outside diameter and are clamped around the mandrel, without the need for re-wiring.

With a large standoff to protect against differential sticking and high-lift rollers to eliminate friction; the Roller Bogie tool enables easier and deeper access with much reduced risk. Tools are available in a range of sizes, with connections for all major service company logging tools and can be re-sized without removal from the tool string.





Applications

- ▶ Formulation Evaluation
- ▶ Cement Evaluation
- ▶ Formation Sampling
- ▶ Plug Setting

Specifications

| Roller Bogie Size (inches) | 3.850 | 4.000 | 4.350 | 4.750 | 5.500 | 5.750 | 6.000 | 6.500 | 7.125 | 8.300 |
|------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| *Weight (lbs) | 53 | 55 | 57 | 57 | 72.5 | 80 | 94.5 | 95 | 99 | 116 |
| *Length (inches) | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| *Maximum Tool OD Conveyed (inches) | 3.375 | 3.375 | 3.500 | 3.875 | 4.750 | 5.000 | 5.125 | 5.625 | 6.250 | 7.500 |
| Service Type | Standard or Sour Service available. | | | | | | | | | |
| Connection Type | Connections available to suit customer specifications | | | | | | | | | |

*Tool weights and lengths are average values per Roller Bogie size.

** Recommended maximum tool OD that can be conveyed using a particular Roller Bogie size.

