

## Advanced Kickover Tool™

Enables gas-lift mandrels to be positioned at greater true vertical depth, optimizing production opportunity

### Applications

- Gas lift

### Features and Benefits

- Low friction roller assemblies and low torque swivels
- Integral valve catcher, radially balanced
- Easily maintained
- Available for all mandrel sizes and tubing restrictions
- Reduce operating time and cost by increasing the chance of first-time success, regardless of mandrel deviation or pocket orientation
- Assist the operator by improving toolstring visibility at the surface, reducing the possibility of a costly misrun
- Reduce the risk to the asset by eliminating a minimum of two runs due to the inclusion of an integral valve catcher

### Tool Description

The Weatherford advanced kickover tool (AKT) is designed to deliver exceptional performance during gas-lift interventions. The AKT is used globally, with a proven track record of success at inclinations up to 83° and can be supplied to suit all gas-lift mandrel sizes.

The AKT incorporates many unique features, including highly efficient rollers which eliminate contact friction, enabling access to gas lift mandrels located at higher deviations. A further benefit of reduced friction is a more precise indication at surface of toolstring load transfer. This allows the slickline operator to identify toolstring movement more easily, enabling improved decision making and reducing the chance of a misrun.

To enable access and maximize operational efficiency within mandrels located at higher deviations, the Weatherford Roller Bogie® conveyance system and low-loader roller bogie jar are typically used in combination with the AKT.



# Advanced Kickover Tool™

## Specifications

Nominal Size	Max. Outer Diameter	Weight	Length	Valve Size
2.375 in. (60.3 mm)	1.820 in. (46.2 mm)	48 lb (21.8 kg)	112 in. (2.84 m)	1.000 in. (25.4 mm)
2.375 in. (60.3 mm)	1.850 in. (46.99 mm)	48 lb (21.8 kg)	112 in. (2.84 m)	1.000 in. (25.4 mm)
2.875 in. (73.0 mm)	2.160 in. (54.9 mm)	48 lb (21.8 kg)	112 in. (2.84 m)	1.000 in. (25.4 mm)
2.875 in. (73.0 mm)	2.250 in. (57.2 mm)	48 lb (21.8 kg)	112 in. (2.84 m)	1.000 in. (25.4 mm)
3.500 in. (88.9 mm)	2.720 in. (69.1 mm)	58 lb (26.3 kg)	111 in. (2.82 m)	1.000 or 1.500 in. (25.4 or 38.1 mm)
4.500 in. (114.3 mm)	3.500 in. (88.9 mm)	108 lb (49.0 kg)	123 in. (3.12 m)	1.000 or 1.500 in. (25.4 or 38.1 mm)
4.500 in. (114.3 mm)	3.700 in. (94.0 mm)	108 lb (49.0 kg)	123 in. (3.12 m)	1.000 or 1.500 in. (25.4 or 38.1 mm)
5.500 in. (139.7 mm)	4.350 in. (110.5 mm)	156 lb (70.8 kg)	117 in. (2.97 m)	1.000 or 1.500 in. (25.4 or 38.1 mm)
5.500 in. (139.7 mm)	4.500 in. (114.3 mm)	156 lb (70.8 kg)	117 in. (2.97 m)	1.000 or 1.500 in. (25.4 or 38.1 mm)
7.000 in. (177.8 mm)	5.180 in. (131.6 mm)	183 lb (83.0 kg)	117 in. (2.97 m)	1.000 or 1.500 in. (25.4 or 38.1 mm)
7.000 in. (177.8 mm)	5.750 in. (146.0 mm)	183 lb (83.0 kg)	117 in. (2.97 m)	1.000 or 1.500 in. (25.4 or 38.1 mm)

Standard, Sour or Severe Sour Service available.  
Connections available to suit customer specifications.

