

ES Series Ram Type WCE



Suitable for various applications and working environments, the Texas Oil Tools™ ES series ram type well control equipment (WCE) is the most trusted and reliable in the market. For over 20 years, this design's hydraulic ram change has led the industry by providing easier access to service the rams, reducing non-productive time (NPT), and improving safety.

Engineered with a light and compact design, this WCE provides the optimum solution where weight limitations exist. In addition, internal porting removes external hoses and hydraulics to eliminate potential environmental impacts from spills.

The ES series ram type WCE also features a pressure-balanced piston on the shear actuator, eliminating the effects of well pressure when shearing. It comes equipped with internal hydraulic porting and ram position indicators.

We offer the ES series WCE in a wide range of configurations.

Features and benefits

- Light and compact design provides the optimum solution where weight limitations exist
- Pressure-balanced piston eliminates the effects of well pressure when shearing
- Low bonnet bolt torque requirements allow for faster and simpler maintenance in the field
- Integral equalizing valves ensure reliable ram opening
- Industry's first hydraulic ram change design reduces NPT and improves safety
- Internal porting removes external hoses and hydraulics to eliminate potential environmental impacts from spills
- Ram position indicator provides a visual indication of ram position
- Manual locks provide redundant safety mechanism during a well control event

Options

- Upper test and lift flange
- 4:1 deboosters or pressure transducer
- Lower test flange
- Adapter flanges

WCE Recertification, Inspection, and Repair

When it comes to pressure control equipment, you can never be too safe. With increasingly stringent industry standards on the documentation and recertification of your equipment, we have made sure that we are able to promptly service your equipment by allocating additional resources to our service and repair department.

Our state-of-the-art operation provides everything from simple redress to full recertification to get your equipment back in the field.

[Learn more about our offerings here.](#)

Equipment Specification

Specifications

Model	Bore in.	Working pressure psi	Tubing range in.	Configuration	Weight lb	Height in.	OD in.
ES24	2.50	10,000	1 to 1.75	Single	405	15.25	40.50
ES24	2.50	10,000	1 to 1.75	Quad	1,600	32.75	40.50
ES34	3.06	10,000	1 to 1.75	Single	865	13.87	44.79
ES34	3.06	10,000	1 to 1.75	Dual Combi	1,400	30.00	62.38
ES34	3.06	10,000	1 to 1.75	Quad	2,800	34.00	44.79
ES36	3.06	15,000	1 to 1.75	Quad	2,800	43.00	51.50
ES44	4.06	10,000	1 to 2.375	Dual Combi	1,590	31.75	51.50
ES44	4.06	10,000	1 to 2.375	Quad	2,790	46.30	51.50
ES46	4.06	15,000	1 to 2.375	Dual Combi	1,600	31.75	51.50
ES46	4.06	15,000	1 to 2.375	Quad	2,800	46.30	51.50
ES54	5.12	10,000	1 to 3.5	Dual Combi	4,700	36.58	85.05
ES54	5.12	10,000	1 to 3.5	Quad	6,500	57.89	85.31
ES56	5.12	15,000	1 to 3.5	Dual Combi	4,900	38.25	85.31
ES56	5.12	15,000	1 to 3.5	Quad	7,000	60.50	70.85
ES64	6.38	10,000	1.25 to 3.5	Dual Combi	5,000	40.23	85.03
ES74	7.06	10,000	1.25 to 3.5	Dual Combi	6,400	45.25	103.93
ES74	7.06	10,000	1.25 to 3.5	Quad	12,800	79.25	96.58