

## Products and Services

Hunting provides products and services to the world's leading national, international energy companies and oil service companies enabling the extraction of oil and gas. Manufacturing and sales locations are located in the key energy producing regions of the world.

### Proprietary Technology

Hunting owns and develops proprietary patented products with a full range of applications below the wellhead including mud motors, premium connections, well perforating, logging and intervention tools.

### Geographic Footprint

In strategic locations around the world Hunting owns and operates plants, properties and equipment employing people to serve its global customers with local services and products.



## Global Business Units

Perforating & Logging Systems	Advanced Manufacturing	Electronics
Connection Technology & OCTG	Well Intervention Equipment	Trenchless & MWD
Subsea Technologies	Well Testing	Organic Oil Recovery

## Health, Safety, Environment and Quality Assurance

Hunting is committed to working safely in an environmentally responsible manner. These principles are fully integrated within our Quality Management System that defines the company's global operations.

### Quality Assurance

It is essential that products and services provided by Hunting are designed and manufactured to conform to the agreed API, proprietary licensor, or other specification of the customer, meeting their needs and expectations the first time, every time.

It is the policy of Hunting that only the highest quality products and services, that meet all specification requirements, are provided to customers. Hunting operates a corporate Quality Management System covering all worldwide locations.

### Health, Safety and the Environment

Hunting is committed to achieving and maintaining the highest standards of safety for its employees, customers, suppliers and the public. All Hunting business units consciously operate in a manner that includes environmental matters as an integral part of its business plan.

Hunting's aims are no accidents, no harm to people, and no damage to the environment.

The Hunting goal is "Total Customer Satisfaction".

## Further Information

### Web

[www.huntingplc.com](http://www.huntingplc.com)

### Contact



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'Precision Engineering in a Changing World'

HMI-PCE\_003\_ESSV/RHD\_04



Features and Benefits  
The Technology  
The Design  
The Innovation  
Technical Specifications

Ezi-Shear Seal Valve



# Ezi-Shear Seal Valve & Ezi-Shear Seal Valve - Heavy Duty

## Leading Well Intervention Surface Shear Seal Capabilities

[huntingplc.com/products-services/well-intervention-equipment](http://huntingplc.com/products-services/well-intervention-equipment)

Hunting revolutionized well intervention operations with the original shear and seal valve and now offers the heavy duty valve to compliment the product family, offering an expanded range delivering safety, reliability and well integrity for Slickline, Braided Line, E-Line or Coiled Tubing operations.



1 Ezi-Shear Seal Valve

2 Ezi-Shear Seal Valve - Heavy Duty

### Features

- Wide range of cutting capabilities
- Independent shearing and seal faces
- Compact design, smaller than traditional shear and seal valves
- Dual rotational hydraulic actuators
- Monoblock body
- Highly resistant to wear

### Benefits

- Cuts slickline, braided and E-Line (ESSV)
- Cuts slickline, braided, E-Line and Coiled Tubing (ESSV-HD)
- Improved safety and reliability
- Reduced leak paths
- Reduced redress frequency

### The Technology

The technology provides a compact, reliable and quick mechanism for shearing Slickline, Braided Line, E-Line and Coiled Tubing then fully closing to establish isolation or sealing of the well bore.

Low volume hydraulic actuators allow rapid closure with standard accumulator type control units. Intended for installation on or as close to the wellhead as possible. Ezi-Shear Seal products can be operated using existing or remote hydraulic control units.

### The Design

The Ezi-Shear Seal compact design, in many cases, allows deployment through a standard offshore intervention hatch cover, negating the need to remove main hatch covers, reducing heavy lifts and potential shutting in of adjacent producing wells.

Its compact nature does not compromise its cutting capabilities and addresses the increasingly stringent industry requirements on shear and seal capabilities during well intervention operations.

### The Innovation

Hunting's Ezi-Shear Seal leads the way in innovation for well intervention shear seal applications. With independent shearing and sealing faces, the Ezi-Shear Seal outperforms the capabilities of any other shear and seal valve currently on the market.

Hunting's unique Ezi-Shear Seal provides a superior cutting and seal capability for standard, offshore or high pressure applications where an additional level of pressure barrier contingency is required.

Hunting's Ezi-Shear Seal leads the way in innovation for well intervention shear seal applications



### Technical Specifications / ESSV and ESSV-HD

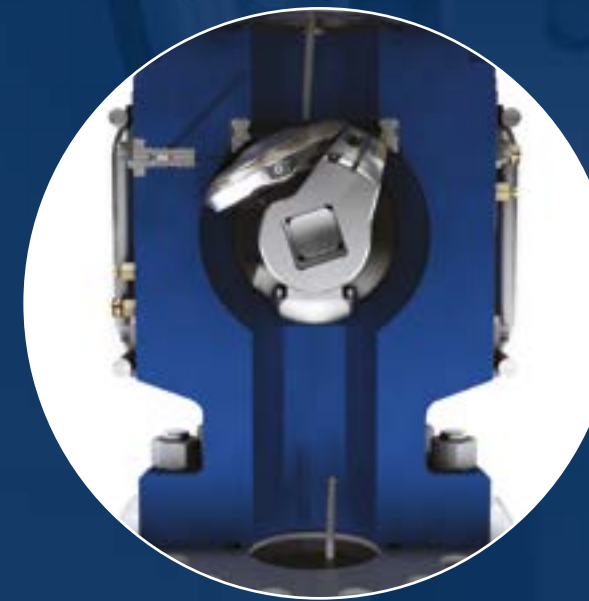
	ESSV (5 1/8")	ESSV (6 5/8")	ESSV-HD (5 1/8")
<b>Working Pressure</b>	10,000 psi and 15,000 psi	10,000 psi and 15,000 psi	15,000 psi
<b>Temperature Range</b>	-29°C to 121°C / -20°F to 250°F	-29°C to 121°C / -20°F to 250°F	-10°C to 105°C / 14°F to 221°F
<b>Valve Configuration</b>	Single	Single	Single
<b>Connections</b>	Quick Union, API Flange and Customer Specific upon Request		

The above products also feature the following Design and Manufacturing Standards:

- API 6A
- PR1/PR3 as Standard
- Material Class EE as Standard
- NACE MR 0175
- API 16A and NORSOK D-001, D-002 and D-010

### Cutting Capabilities / ESSV and ESSV-HD

	ESSV	ESSV-HD
<b>Slickline - 0.092" to 0.160"</b>	✓	✓
<b>Braided Line - 7/32" to 5/16"</b>	✓	✓
<b>E-Line Mono-Cable - 7/32" to 5/16"</b>	✓	✓
<b>E-Line Hepta-Cable - 7/16" to 0.520"</b>	✓	✓
<b>Coiled Tubing - 1.500" HS-90</b>		✓
<b>Coiled Tubing - 1.750" HS-80</b>		✓
<b>Coiled Tubing - 2.000" HS-130</b>		✓
<b>Coiled Tubing - 2.375" HS-130</b>		✓
<b>Coiled Tubing - 2.625" HS-130</b>		✓
<b>Coiled Tubing - 2.875" HS-130</b>		✓



ESSV Shear and Seal Hepta Cable



ESSV-HD Shear and Seal Coiled Tubing