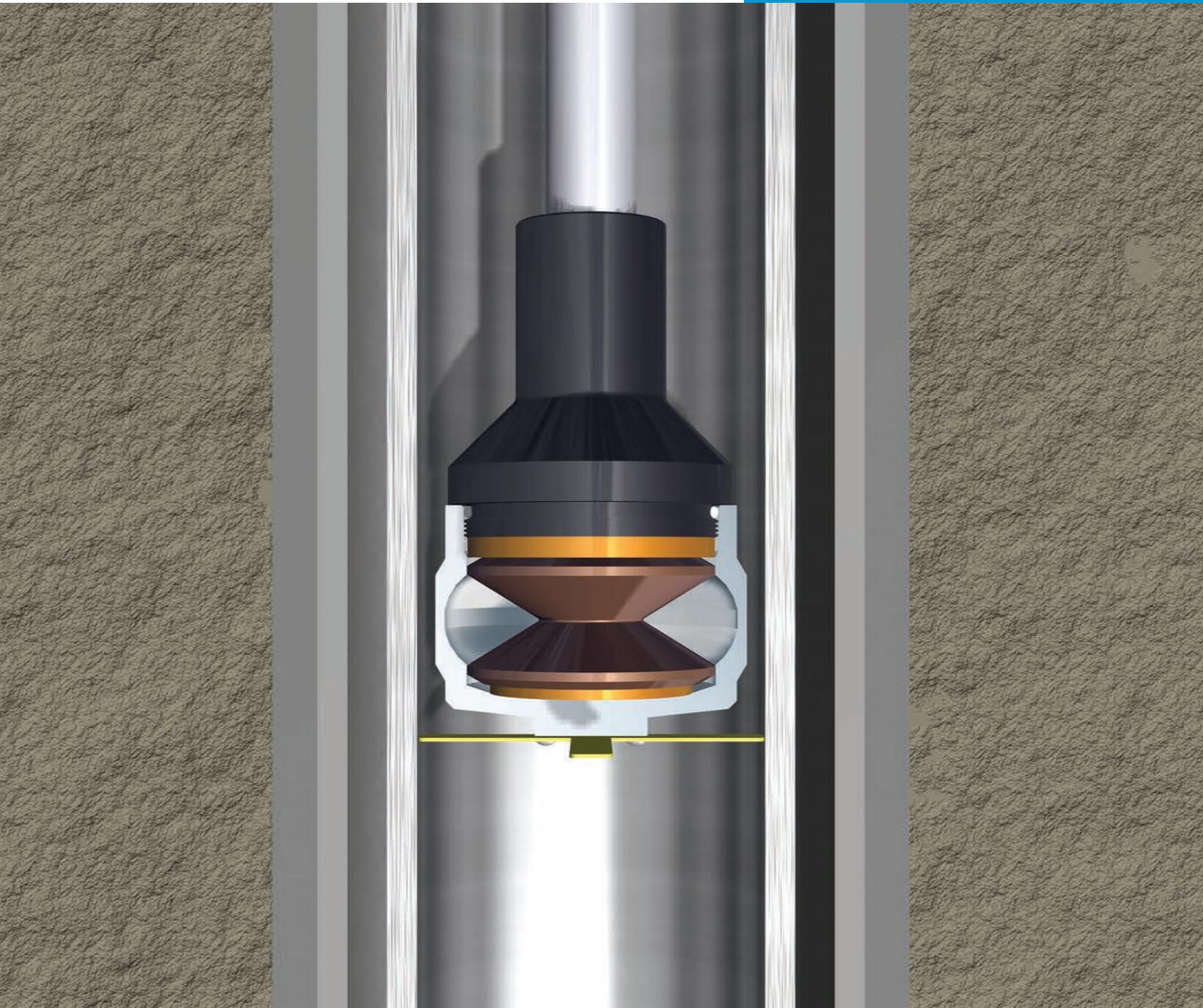


# DynaBlade™

Predictive Jet Cutters



# A PREDICTIVE FIRST CUT EVERY TIME, SAVING RIG TIME AND LOWERING RISK

When saving rig time is critical, DynaBlade™ offers a more economical solution to freeing or retrieving pipe than mechanical or chemical methods. With no moving parts or hazardous chemicals, DynaBlade jet cutters have successfully performed thousands of well intervention and plug & abandon operations with higher efficiency and success rate.

DynaBlade tubular jet cutter technology ensure a predictive first cut every time. Industry leading oil and gas companies and major oilfield service companies have qualified the unique jet cutter designs for their work-over, stuck pipe and tubing/casing recovery operations.

---

Visit [dynaenergetics.com/resources/dynablade-video](https://dynaenergetics.com/resources/dynablade-video)  
for a jet cutter demonstration.

---

# LOWER RISK AND LESS COSTLY WORK-OVER, FISHING AND P&A JOBS



---

## STANDARD 8.250 OD CASING CUTTER

The DynaBlade cutter portfolio offers 70 sizes that cover a wide range of applications.



---

## PREMIUM CUT

For extreme conditions, custom sizes can be built and tested to 35,000-psi working pressure.



---

## TUBING AND CONTROL LINES

With an understanding of downhole conditions, a jet cutter can neatly sever tubing and control lines with minimum swell and without damaging outer strings.



---

## CASING

Large-diameter, segmented jet cutters can be used to cut casing up to 13-3/8".



---

#### COILED TUBING

Jet cutters are a quick and effective solution to cut coiled tubing ranging from 1" to 2" OD.



---

#### DRILL PIPE

Drill pipe may be cut with minimal flare to make fishing jobs easier.



---

#### PACKER MANDREL AND HOUSING

Jet cutters are also used to successfully sever packer mandrels, significantly reducing offshore intervention costs. The production packer housing was not damaged by the explosive jet. Only minimal scarring occurs inside the housing.

# RELIABLE PERFORMANCE

DynaBlade tubular jet cutters can cleanly cut coiled tubing, casing, drill pipe, packer mandrels and production tubing to reduce fishing, well intervention and plug and abandon operating costs and rig time. The cutting depth can be accurately predicted when pipe specifications, downhole temperature and hydrostatic pressure are known. Results on offshore and land wells in all fluid environments, including dry gas, demonstrate a predictive first cut with minimal flare can be achieved at maximum working pressure on the first downhole run.

Drilling, completion and production engineers who specify DynaBlade technology will realize significant advantages over competing pipe-cutting methods. Unlike chemical and radial cutters, DynaBlade jet cutters sever lined, plastic-coated and corroded/scaled pipe in less time. Because anchoring is not required, there is minimal risk of sticking. While competing jet cutters offer a limited range of pipe sizes, the DynaBlade cutter portfolio is available in 70 sizes that cover a wide range of pipe/tubing applications. For extreme conditions, custom sizes can be built and tested to 35,000-psi working pressure.

## Efficient Technology



### RADIAL LINEAR SHAPED CHARGE

The charge used in a cutter produces a 360° radial explosive jet and can be used in all types of fluid environments including dry gas.



### WITNESS PLATE

When a cutter fires downhole, a backup plate (right) is slammed against the top sub (left) creating a witness plate. When inspected upon retrieval to surface, complete markings indicate a high-order detonation and proof the charge did jet.

## Range of pipe sizes cut

Type	OD (in.)	Maximum pressure † (psi)	Maximum temperature (°F)
Coiled tubing	1 - 2 $\frac{3}{8}$	18,000	400
Drill pipe	2 $\frac{7}{8}$ - 5 $\frac{1}{2}$	22,000	400
Tubing	2 $\frac{3}{8}$ - 5 $\frac{1}{2}$	22,000	400
Casing	5 $\frac{1}{2}$ - 13 $\frac{5}{8}$	22,000	400
Packer mandrel	4 - 7 $\frac{5}{8}$	18,000	400

†Custom jet cutters can be built for higher pressures. 500°F (260°C) also available.



Freeing stuck pipe and recovering tubing and casing costs the oil and gas industry billions of dollars in operating costs each year. With DynaBlade third-generation technology jet cutters, getting a predictive first cut every time at maximum working pressures provides unmatched savings in rig time with less operating cost.

–Rustam Aliyev, *Performance Champion, DynaEnergetics*

---

#### DynaEnergetics GmbH & Co. KG

Troisdorf, Germany  
T +49.2241.1236.730

---

#### DynaEnergetics US, Inc

Austin, Texas, USA  
T +1.512.327.2043  
Toll Free 1.844.BUY.DYNA

---

---

**Compare the Impact** of DynaEnergetics perforating systems against conventional options, and we guarantee that you'll see a measurable difference in performance, reliability and well productivity.

Contact us from anywhere on the globe at [performance@dynaenergetics.com](mailto:performance@dynaenergetics.com) or visit us online at [dynaenergetics.com](http://dynaenergetics.com), and we'll show you how.

---