

TECHNOLOGY FOR A SUSTAINABLE TOMORROW

INDUSTRIAL SINGLE-SHAFT SHREDDERS



VECOPLAN A History Of Growth Through Innovation

Headquartered in Bad Marienberg, Germany, Vecoplan was founded in 1969 as a manufacturer of innovative, high quality wood chippers. Throughout the 1970s sales grew, the business grew and Vecoplan engineers continued to innovate in size-reduction machinery for the wood industry. Vecoplan's facilities and product line have grown exponentially since then, but two things remain the same, Vecoplan continues to innovate and still manufactures the highest quality wood chippers in the world.

Out of these strong wood industry roots Vecoplan branched into other market segments. By the early 1980s an increasing number of industries were discovering Vecoplan and finding new applications for Vecoplan technologies. Inspired by this success, Vecoplan engineers invented the first single-shaft rotary shredder. This invention revolutionized Vecoplan as a company, size-reduction as a technology, and the processing of waste materials for recycling or repurposing as a whole.

In 1989 Vecoplan was awarded an European patent for the single-shaft shredder and it's unique "U-rotor". This rotor design continues to be the most advanced cutting geometry for the universal size-reduction of a comprehensive range of waste materials. Today, Vecoplan shredders are used not only to process Wood scrap, but also Plastics, Paper, Domestic & Commercial Waste, Biomass, Alternative Fuel Feedstocks, and in a broad spectrum of other Special Applications. Vecoplan received its ISO 9001 certification in 1994. This, the highest standard set for quality systems, confirms Vecoplan's dedication to innovative product development, design engineering, quality manufacturing, and overall quality control standards. Ensuring the absolute best in customer service has been, and remains Vecoplan's top priority.

By the end of the twentieth century, Vecoplan had established itself as the leader in sizereduction technologies throughout Europe and most of the world. But in America, single-shaft grinders from ReTech Industries had become the most widely used line of size-reduction equipment. In 2000, the two companies combined forces to form Vecoplan, LLC – solidifying Vecoplan as the undisputed global leader in size-reduction machines and complete systems for the processing of waste materials.

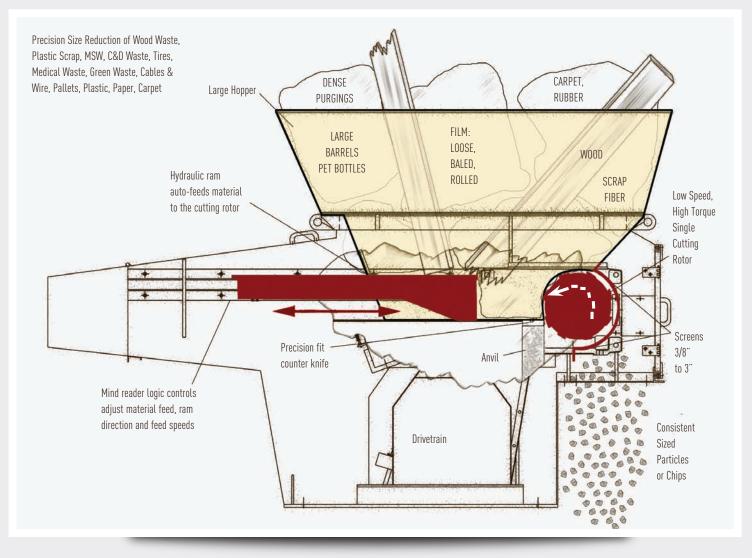
In addition to Vecoplan AG, in Germany, Vecoplan LLC, in North America, and Vecoplan UK, in the United Kingdom, Vecoplan has a vast array of agencies in countries around the world,

maintaining a substantial presence on every developed continent. Currently there are over 10,000 Vecoplan machines and systems in operation throughout the world. If you are involved in recycling, processing alternative fuel feedstocks, or any type of waste processing, Vecoplan is your best source for cutting-edge technologies to do it better and a partner to grow with.

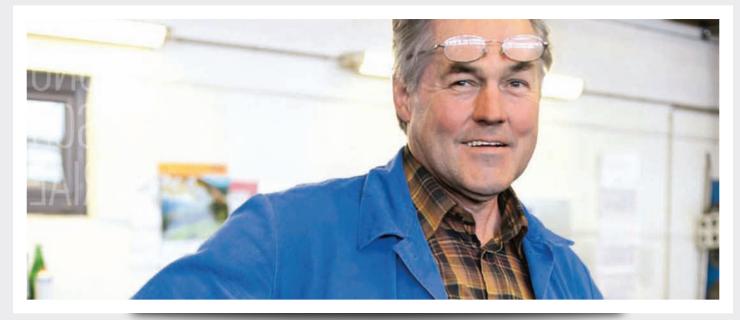


THE VERTICAL FEED ROTARY SHREDDER CONCEPT

Low Speed, High Torque, Low Noise, Ram Feed, Single-Shaft Rotary Operation



STATE OF THE ART DESIGN ENGINEERING AND PRODUCTION



Vecoplan takes great pride in offering our customers over 40 years of experience in innovative product design, engineering and production. Vecoplan's 200,000 square foot facility manufactures standard machines as well as custom systems. The efficiencies gained from our customized integrated manufacturing systems, which assign the proper resources to accommodate demanding schedules, assure our customers of the highest quality product, system compatibility and on-time delivery. The engineering staff at Vecoplan is segregated into teams responsible for certain "families" of products and see projects through from inception to start-up. Computerized planning and inventory systems automatically select components and sub-assemblies. In addition to constantly striving to align itself with the highest quality vendors, Vecoplan is the only single-shaft rotary shredder manufacturer to have earned ISO 9001 certification, the most stringent quality standards program there is. Vecoplan's quality assurance program begins with sales activities and continues through design and production following the ISO 9001 licensed quality program.

VECOPLAN'S COMMITMENT TO SERVICE

Vecoplan machines are manufactured for durability and designed for ease of maintenance, but when you need assistance, Vecoplan delivers the best. The industry's finest support staff is at your disposal and consists of, second-to-none, factory trained service technicians.

- Vecoplan maintains an extensive parts inventory
- Corporate Parts Discounts
 and Scheduled Service Agreements Available
- Control panels featuring Remote Electronic Interfaces
 (modems) for immediate trouble-shooting are available
- In stock parts engineered specifically for Vecoplan products
- Many machine components utilize easy-to-find standard domestic parts

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CEPTNΦUKAT ◆ CERTIFICAD0 ◆ CERTIFICAT



The Certification Body of TÜV SÜD Management Service GmbH certifies that

> Vecoplan AG Vor der Bitz 10 D-56470 Bad Marienberg

has established and applies a Quality Management System for

Development, manufacture, sales, mounting and service of machines and plants for shredding, conveying and processing of wood, biomass, plastic, paper, domestic and bulky waste, industrial waste, as well as other valuable materials.

> An audit was performed, Report No. 70021535 Proof has been furnished that the requirements according to

ISO 9001:2008 are fulfilled. The certificate is valid until 2012-03-21 Certificate Registration No. 12 100 15401 TMS

M. Meg Aunich, 2011-03-11

TÜV SÜD Management Service GribH • Zertifizierungsstelle • Ridierstraße 65 • 80039 München • Germany



OUR TEST LAB Application Analysis and Product Development

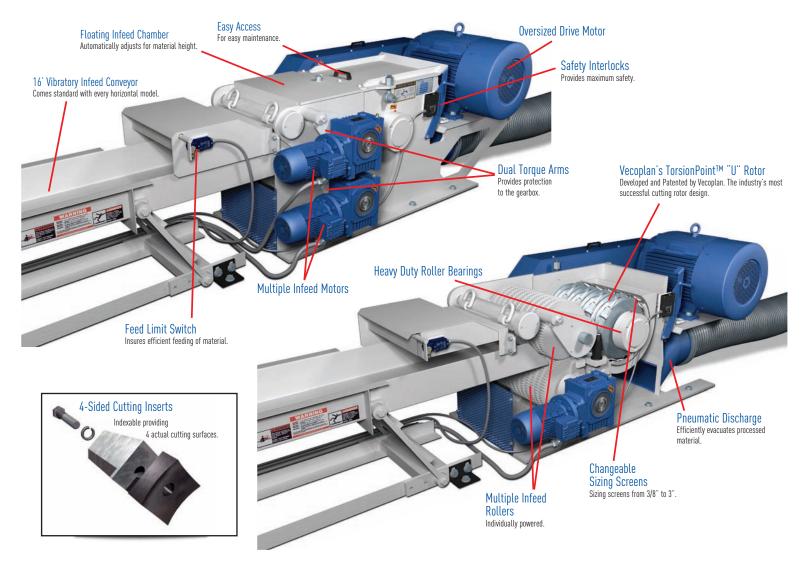


In its continuing efforts to remain on the cutting edge of size-reduction technology, Vecoplan, LLC offers comprehensive viability testing of your materials. Vecoplan's complete in-house test lab and size-reduction facility is a typical layout representing actual processing environments. It allows you and Vecoplan engineers to perform throughput, consistency and feasibility studies by conducting trial runs of your materials under production conditions. All data, along with technical analysis, remains confidential between Vecoplan and the customer. For additional information or to schedule a test run, call: 336-861-6070 or email info@vecoplanllc.com.

Please send test samples prepaid to the following address: Vecoplan, LLC • 5708 Uwharrie Rd. • Archdale, NC 27263 • Attn: Sales Manager

VECOPLAN HORIZONTAL MODELS

Available with Low Speed U-Rotor OR Knife Chipper / Plastic Granulator Rotor



OUR UNIQUE GUARANTEES

	Vecoplan's goal is to earn and keep our customers' respect
EXCLUSIVE SHREDDER PERFORMANCE GUARANTEE	we back it in writing.
A Vecoplan, LLC, we expect our grinders to work! We are confident that they will! Keypet that the confidence you have in us in placing the order should carry over the sade. Therefore, in the unlikely event that any unit does not perform to the grinder will be effunded 100%. Vecoplan shall be given and all outputs address any problems prior to return. PCEOPLAN, LLC'S 100% PERFORMANCE GUARANTER! Matrix Exanded To: 	<section-header><section-header></section-header></section-header>
Vecoplan realizes that a relationship with customers is what makes a company successful. We are proud of our equipment - and we show that pride in writing with an array of warranties and guarantees.	Note: This guarantee is multi and void where machine is placed in inappropriate applications or a return is desired due to abuse, neglect or other conditions beyond the control of Veceptan. PULTY GUARANTEE Malt for original owner only. P. Bus 723 + Wey Frank Neth Cauting, 7234 Pute: 1334 861-4071 + Fa: 1334 861-427

OUR MODELS

Vertical Feed Shredders

All units are automatically backed with a full 1 year warranty.

Model	HP	Rotor Dia.	Hopper Opening
VAZ 800	20	10 inch	32" x 42"
VAZ 1100	30	10 inch	42" x 48"
VAZ 1300	60 - 150	15 inch	52" x 58"
VAZ 1600	75 - 150	15 inch	63" x 80"
VAZ 1800	150 - 200	20 inch	70" x 82"

Many other models

and auxiliaries are available, including:

- drum chippers
- double-shaft shredders
- conveying technologies
- screening machines
- metal detection and separation equipment
- full turn-key system
- design and manufacturing





Horizontal Feed Shredders

Model	HP	Rotor Dia.	Hopper Opening		
VTH 35/8/2	40	12 inch	14" x 3.5"		
VTH 45/12/2	50 - 60	16 inch	18" x 5"		
VTH 55/15/2	60 - 100	20 inch	22" х б"		
VTH 65/12/2	60 - 75	16 inch	25" x 5"		
VTH 85/12/2	75 - 125	16 inch	34" x 5"		
VTH 45/12/2	50 - 60	16 inch	18" x 5"		
VTH 85/12/2	75 - 125	16 inch	34" x 5"		

VECOPLAN - YOUR TOTAL SYSTEM SOLUTION Vecoplan is known for providing complete turn-key solutions.

We provide complete material handling systems and design engineering including conveyors, pneumatics, metal detection and separation. American electrical control panels and components are available and may be fabricated to your specifications.

Vecoplan understands that installing new equipment can disrupt production operations. New equipment can create new demands on your present electrical system. That's why we include a review and analysis of your present electrical components.



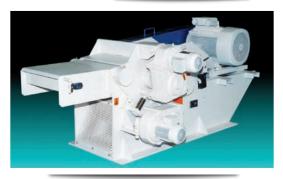


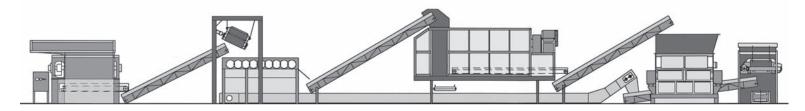




Vecoplan will help you plan for the additional equipment and prepare your present system to minimize any disruption to your operation.







OUR COMPLETE RANGE OF PRODUCTS

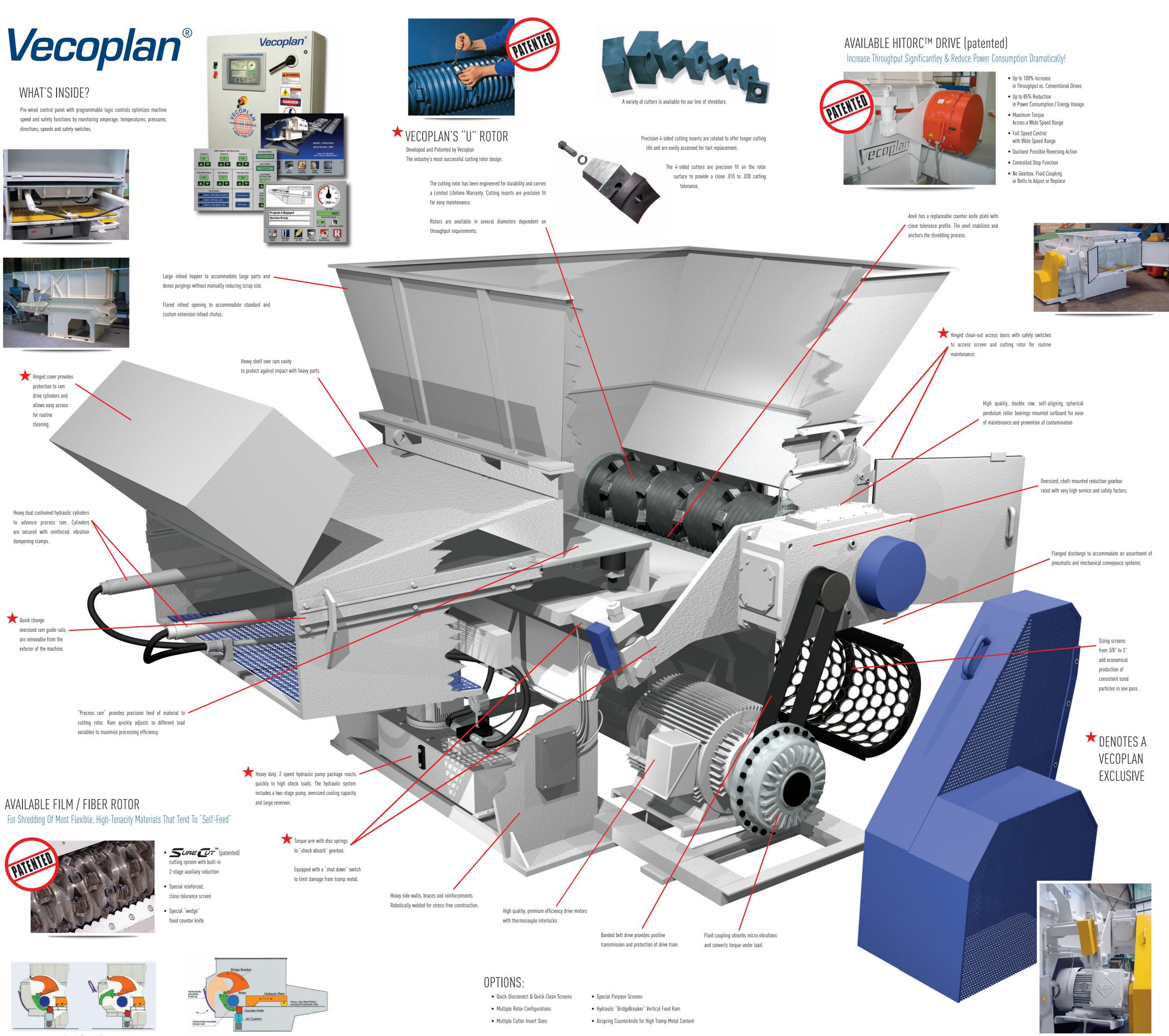
- Single and Multiple Rotor Shredders
- Conveying Technologies
- Air Classification Systems
- Refiners
- Rotary Trommels
- Vibratory Feeders
- Oscillating, Roller and Star Screeners
- Ferrous and Non-Ferrous Detection and Separation
- Bulk Material Handling, Metering and Loading
- Turn-key Recycling and Waste Processing Systems

Vecoplan®

P.O. Box 7224 • High Point, NC 27264 Phone: (336) 861-6070 • Fax: (336) 861-4329



www.vecoplanllc.com



Airspring Counterknife

Hydraulic "BridgeBreaker"