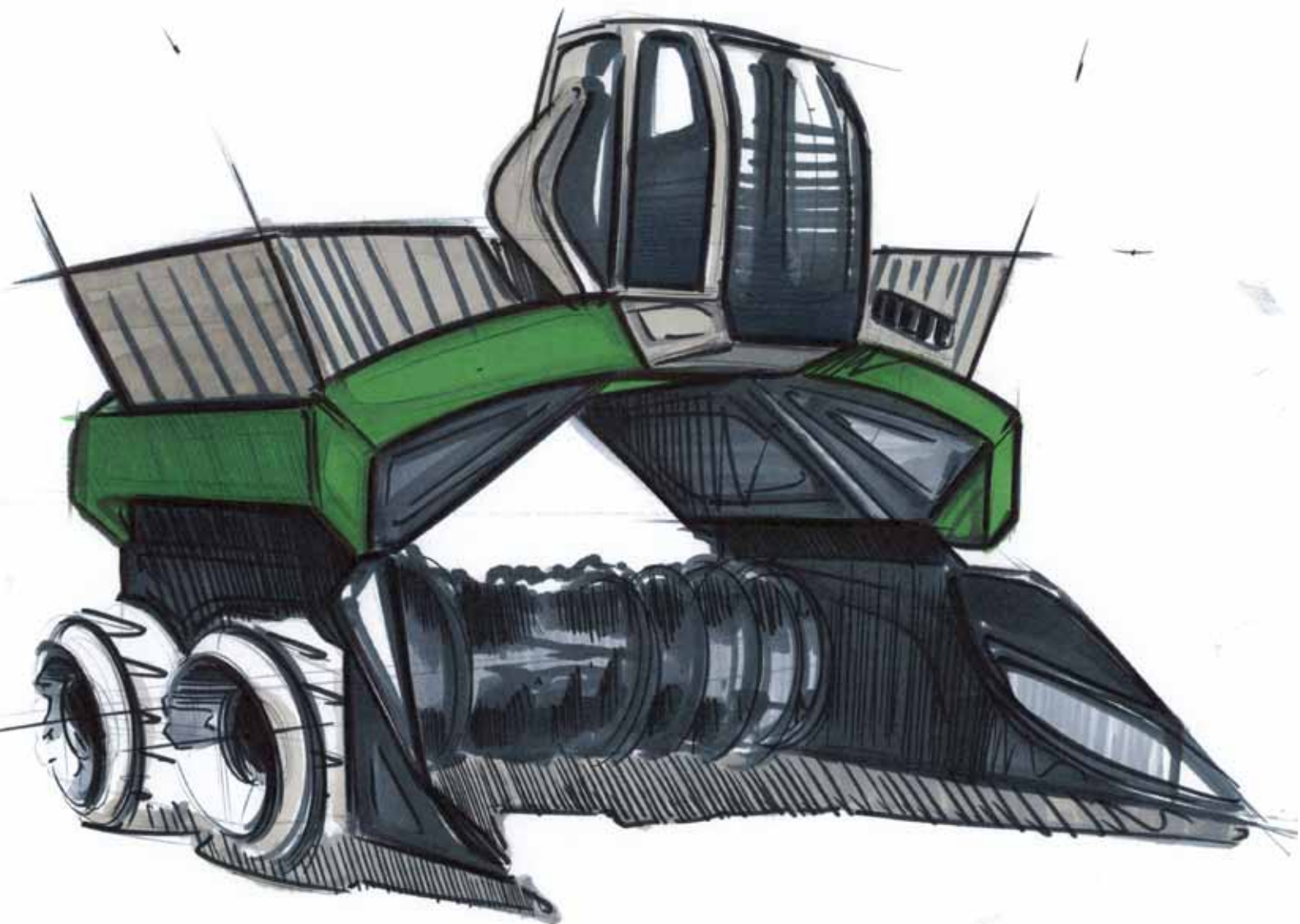


think! **GREEN**

The Komptech Principle



KOMPTECH

in brief

Founded 1992

Headquarter: Frohnleiten (Austria)

Management: Heinz Leitner (CEO)

Employees: 560

Sales: 100 million euros (2014/15)

R&D expenditure: ~7%

Fields:

- Mechanical and mechanical-biological waste processing
- Processing of woody biomass for use as a renewable fuel


Technologies:

- Shredding
- Screening and separating
- Composting

3,473 customers in 57 countries around the world

Machines delivered: 4,124

All figures as of late 2014



It all started with the passion of a few pioneers.
Now Komptech has grown up, and we are taking
more responsibility for the world around us.
Growth as we see it.

A passionate entrepreneur, smart technicians and people who want to express their societal responsibility at their jobs - this combination has made Komptech a global player and world market leader in just two decades.

The people who work at Komptech understand that the world is getting ever greener. And a green world needs green technology. So they built their first machines to process what other people want to get rid of, but should not leave for upcoming generations.

In the two decades since, the company has seen growth, not just in our developers' curiosity and our machine-making expertise, but also in our responsibility for what we leave behind us.

Innovations for sustainability, global responsibility and a radical commitment to customer benefit - these qualities have marked Komptech since its earliest days.

And they are the pillars of the Komptech Principle, which we will present on the following pages.

think! **GREEN**

Growth with responsibility.

A conversation with Heinz Leitner, CEO of the Komptech Group

Komptech has grown into a global player, and its green machines are hard at work in over 50 countries on five continents.

A good time to relax and take it easy?

There is no taking it easy in our industry, or in any other. Green technologies are more in demand than ever, as the pioneering efforts of the last two decades have opened the way to huge potential. I have the impression that our industry has barely cracked open the door to the future, and that the full range of opportunities and possibilities remains to be discovered. For us at Komptech, this is naturally a very promising outlook.

A brief look back:

What were the last few years like?

Our company has gone through a very exciting phase. As an owner-operated firm, in our early years we routinely developed new technologies in very close cooperation with our local customers. Those efforts contributed to the shift in attitudes towards waste as a valuable resource. It was during this period that the basic characteristics of our approach were formed, which today we call "green innovation." Pioneering product solutions that are focused on bringing benefits to our customers. We have continued to develop this approach over the years. When we present a machine at a trade fair or sell it to a customer, it has to be one hundred percent ready to work. That was our challenge of the last few years, which we have met quite successfully, thanks in large part to the help of our customers.

And the outlook:

What will the next few years bring?

We'll see even more green innovation. If we want to keep the planet liveable, we will have to change our ways – and very soon. That means reducing our use of fossil and atomic fuels and using resources more economically, so that we can keep the earth as it is. For there is no other place we can move to.

Where do you see the major challenges for Komptech over the next two years?

In the last few years we have taken a great number of new products to market in all of our business areas. Now we need to get them firmly established on the market.

That will require a redoubling of our efforts in sales and marketing, and even greater practical and customer focus. To be successful in our increasingly international market, we simply must have a strong sales organization.

What are three things that are characteristic of Komptech?

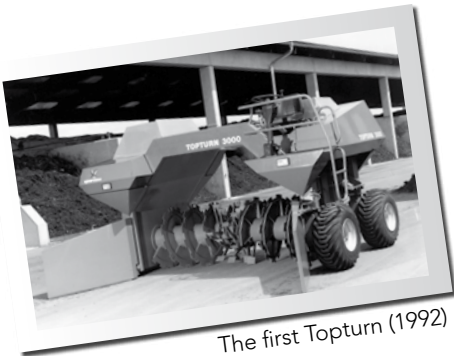
Spirit, and an extreme focus on practice and on closeness to the customer.



Komptech CEO Heinz Leitner
Sustainability is big at Komptech.

From Austria to the

Komptech is at home around the world, just as it is in Frohnleiten, Austria. This is the story of a global player with a commitment to one thing above all - customer value.



The first Topturn (1992)



Our entry into the shredding market (1997)



Trommel screening technology is added (1999)



The new Topturn X55 (2014)

1992 was the year the Komptech brand was born. Even the reason behind it was innovative, for that was the year that the Austrian region of Styria became one of the first in Europe to introduce the separate collection of biodegradable waste. That meant there were new material flows to be treated. Working together with what was then just a regional disposal company, Saubermacher, the company developed its first Topturn compost turner.

1997 Things happened quickly after that. Komptech outgrew its contract manufacturing capacity in Slovenia, and in 1997 built a new production facility in Frohnleiten, Austria, today's headquarters. The product portfolio expanded with the addition of the Terminator and Crambo low-speed shredders, machines that are still in high demand today. At the same time, Komptech found its first sales partners in Spain and Japan, who to this day sell our products in these markets with great success.

1999 The product portfolio was extended step by step to make Komptech a full-liner for waste processing. We added trommel screening machines in 1999, star screens in 2003, and ballistic separators in 2006. At the same time, we built up our worldwide sales organization, adding further distributors from Australia to Norway and from Iran to Canada.

2007 We established a sales subsidiary in the US, and boosted our research and development capacity with the completion of the Komptech Research Center. We also set up the Komptech Academy as an education programme for customers, partners and employees.

2008 We expanded our portfolio for processing biomass as a renewable energy source with the development of the Chippo series chippers, in 2011 adding the Axtor high-speed universal wood chippers.

2013 the Komptech Group launched the green efficiency® innovation programme, for environment-friendly technologies and sustainability as a way of life.

2014 M-L-Holdings takes over the sales organization in the USA, which is henceforth known as Komptech Americas LLC.

2015 The Hirtenberger Group becomes majority shareholder of Komptech.



We protect your future.

world



Multistar



Cribus

2015 The Komptech Group has over 3000 customers in 60 countries around the world. And the number is growing all the time. Six machines already meet our strict green efficiency® criteria.



Axtor



Crambo direct



Terminator direct



Hurrifex

2020 All Komptech Group machines meet green efficiency® criteria, and each is the most economical, highest performance, quietest and most environment-friendly machine in its class. Thus, Komptech has fully lived up to its "Technology for a better environment" motto. These innovations have also made Komptech the world market leader.



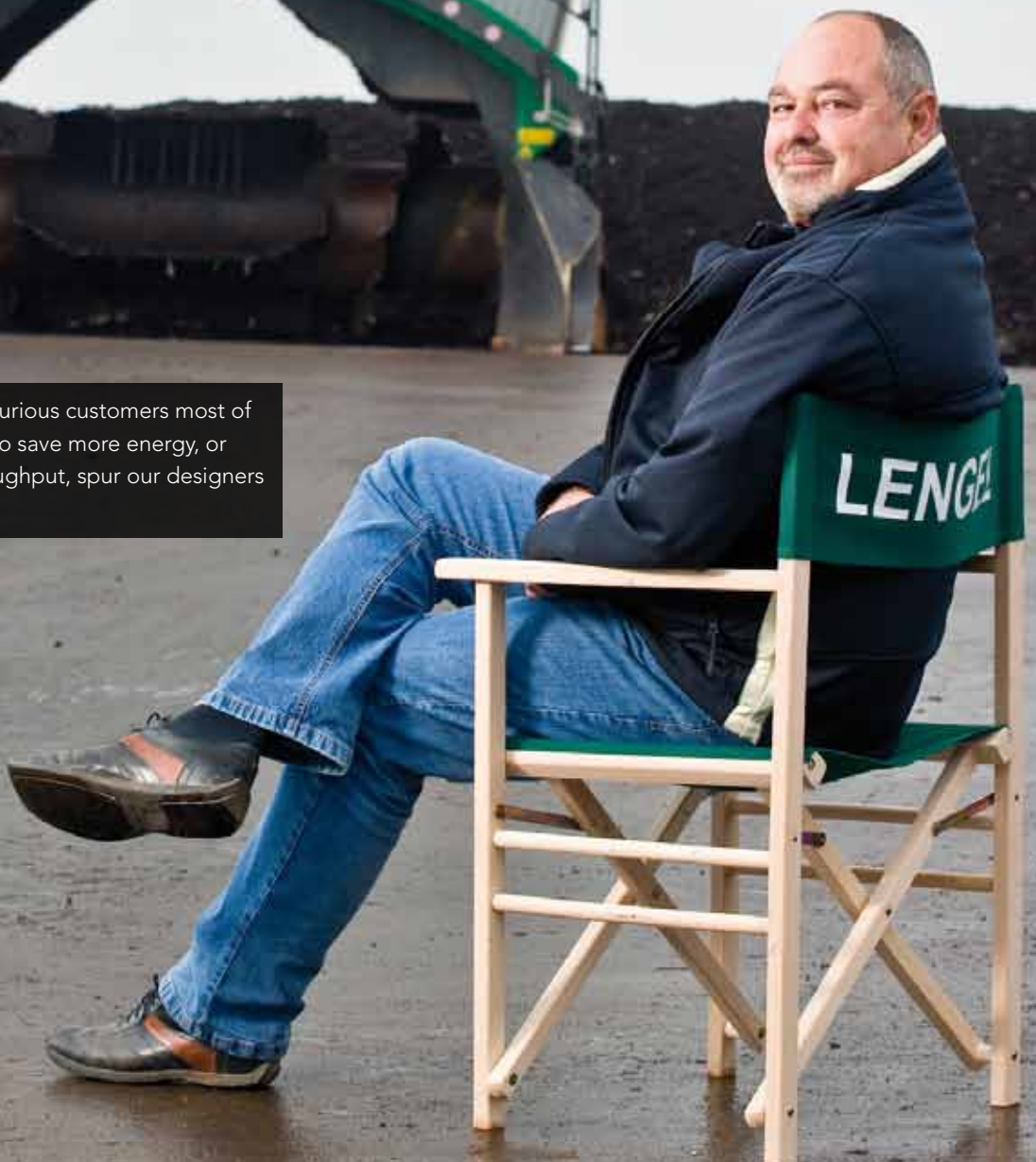
"There is no antidote to permanent innovation."

Komptech founder Josef Heissenberger
(1955 - 2014)

The Komptech Principle

Part 1

At Komptech, we like curious customers most of all. Questions on how to save more energy, or requests for more throughput, spur our designers on to new heights.



Komptech stands for the highest engineering art in the service of the customer. A networked and passionate team of developers continually brings out innovations that prove their value. "Innovation as standard," so to speak.

What's the difference between developing a new car and the green innovation programme? At first glance both are highly complex, both prioritize safety and in both, if you don't innovate you won't last. At second glance, Komptech's machines are capital equipment requiring major investment, and must often perform under adverse conditions. They must be tested sufficiently under conditions of actual use, and be simple to maintain using spare parts that are ideally available immediately. Energy efficiency and design are ever more important, because saving resources is central to all environmental technology.

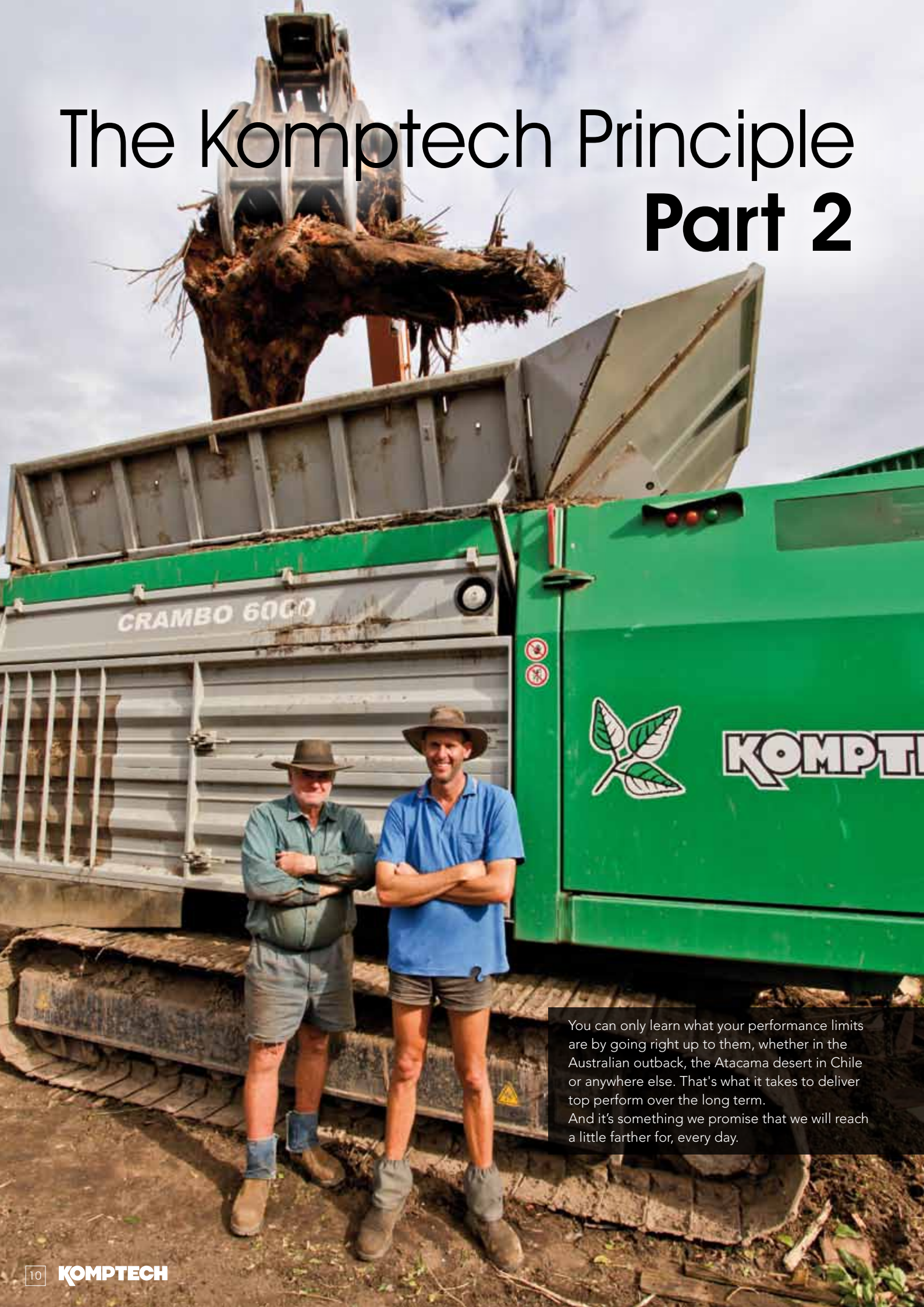
It's a tall order. To meet it, Komptech has systematized its technical development. Questions on quality, costs or delivery date are part of every meeting about a new product development that must prove its mettle. Systematic green innovation also means adhering to principles that give direction to development processes beyond feedback loops and milestones. "Simplest is hardest" is one of Komptech's principles. Our goal is to design machines that can do it all, yet are intuitive to operate and maintain. When designing highly technical machines, there are no "minor" details, and green innovation never stops. So we learn every day, from each other and also from our customers.

GREEN innovation

Where pioneering spirit meets practice.

The Komptech Principle

Part 2



You can only learn what your performance limits are by going right up to them, whether in the Australian outback, the Atacama desert in Chile or anywhere else. That's what it takes to deliver top performance over the long term. And it's something we promise that we will reach a little farther for, every day.

Because a world that's getting greener needs green technology, today Komptech is a global player. One with over 3000 customers in over 50 countries. And one that takes the lead in taking responsibility for the future.

When a powerful tsunami devastated part of Japan in the spring of 2011 it left behind great suffering and loss, and an unimaginable amount of destroyed buildings. Debris as far as the eye could see. Komptech machines were on site quickly to process the mountains of debris for removal.

Catastrophes are the exception, but we always strive to offer customers fast, professional solutions, wherever in the world they may be. With direct sales in Germany and Austria and sales partners in over 40 countries we can quickly serve customers and respond to their individual needs.

Global action also means research partnerships with the Leoben University, the Danish Technological Institute and with our suppliers, so that we can continue to act globally at a high level. And if you're in the area - Komptech is part of the regional "Experience business" network, meaning that anyone can visit our plant in Frohnleiten, Austria. After all, global has to come from somewhere.

GLOBAL ACTION

Where we're at home.

The Komptech Principle

Part 3



We promise our customers the highest precision and quality in everything we do. Komptech products and services have to meet these high standards in order to stand up to hard daily use and give our customers the market advantage they're looking for. We make sure Komptech customers can depend on it.

At Komptech, the focus is on the customer. Thousands of companies make the same claim, but we've actually lived up to it since day one. We come by it naturally - Komptech started in a new industry, and has never known any different.

More business, less bother. That's what Komptech wants to bring its customers. It's possible only when you truly understand your customers' business, and have enough of a pioneering spirit to recognize where their new business opportunities may lie.

Our green machines can't be the cheapest. It's too important to provide the best and most economical total package over their long life cycle. Are you familiar with our marathon machines? Those are machines with up to 40,000 operating hours under their belt. With a Terminator, that means about a half a million tons of shredded waste!

Providing customer value means building machines that give customers the highest possible value, and it's a fundamental goal of everything Komptech does.

Customer value is also evident in our "best in class" service team. From high-quality original spare parts with steadily improving fast global availability, to wear parts that we don't try to earn much on so that our machines work to their full potential for the longest possible time.

CUSTOMER VALUE

Where value is created.

WHAT OUR CUSTOMERS SUCCEED AT...

Komptech customers are demanding. They don't just want the highest quality products, they want to get everything from a single source. That's why Komptech became a full-line vendor in waste treatment and biomass processing.

We now offer over 30 different types of machines in various performance classes, to cover all the essential process steps in waste treatment and biomass processing: Shredding, screening and separating, and composting.

...WITH DIFFERENT TECHNOLOGIES

SHREDDING TECHNOLOGY



Crambo direct
Dual-shaft shredder



Terminator
Single-shaft shredder



Axtor
Universal shredder



Chippo
Drum chipper

SCREENING AND SEPARATION TECHNOLOGY



Multistar
Star screen



Cribus
Drum screen



Nemus
Drum screen



Stonefex
Stone separator



Hurrikan
Windsifter

COMPOSTING TECHNOLOGY



Hurrifex
Stone and light material
separator



Ballistor
Separator



Topturn X55
Compost turner

...IN DIFFERENT APPLICATIONS



MOBILE MACHINES

Mobile machines are Komptech's core business. Mobility and road transportability are basic requirements, since customers often use the machines at multiple sites. But the core focus is always innovative technology and solutions that bring maximum user benefit.



STATIONARY MACHINES

We supply most of our machines not just in mobile configurations but also in stationary versions for permanent installation. The essentially modular design of the individual component groups makes it easy to combine individual stationary machines to form entire systems and lines. With the right combination of our own products and market-proven components from established manufacturers, we provide stationary solutions for complex tasks.

Our technologies are used in the following applications:

- Composting
- Fermentation
- Biomass treatment
- Mechanical and mechanical-biological waste treatment
- Processing of refuse-derived fuels
- Waste wood treatment
- Special applications



Composting



Fermentation



Biomass treatment



Mechanical and mechanical-biological waste treatment



Treatment of refuse-derived fuels



Waste wood treatment

WHAT MAKES KOMP

This is the story of some of the people who have helped make Komptech successful, and the infrastructure that makes it possible. They are from all parts of the company, from in-house development and production to sales and service in direct customer contact.



This is Sales Director **Ewald Konrad** (on the left in the photo). He's been with Komptech for over fifteen years, and is responsible for worldwide partner support. That means he also helps make sure that our products work the world over, and that customers and partners always have the latest information on what we provide.

This is **Andreas Guminuk**, who works in production at our Expertise Centre in Oelde, Germany. He makes sure that our machines are finished on schedule and in top quality, so that we deliver on time and customers are satisfied.



This is **Kasuji Kosuge**, CEO of our Japanese sales partner Ryokusan, which has represented Komptech in the Land of the Rising Sun since 1996. He does good business – as do the many Japanese users of our machines.

FOR EXAMPLE: THE KOMPTECH ACADEMY

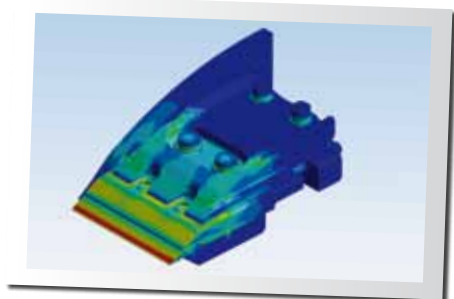


The Komptech Academy was founded in 2007 as a training platform for customers, partners and employees. It helps us make sure that everyone who works with Komptech products is always up to date. It also helps us anticipate what's ahead and even live in the future a little.

In addition to individual training, the Academy offers standard training programmes that partners and employees, especially in sales and service, can use to stay at the forefront of developments. Each year the Academy offers some 30 different programmes in a range of languages, to ensure that information gets where it's needed.

TECH SUCCESSFUL...

FOR EXAMPLE: **RESEARCH & DEVELOPMENT**



Innovative products require investment in development. With an R&D spend of 7 percent of sales, Komptech leads the industry. In 2007 we established the Komptech Research Center to give our development team a place to bring to life their ideas for even more green innovation.

This is **Reinhard Meisenbichler**, who heads up the Testing Department at the Komptech Research Center. He makes sure that Komptech machines are one hundred percent real-world ready. Green innovation in series production, so to speak.



FOR EXAMPLE: **AFTER SALES SERVICE**

A global company like Komptech has to be there for customers everywhere in the world. A network of service partners and own customer service staff ensure first-class customer service and the best possible quality and availability, from Siberia to Tierra del Fuego. Komptech customers can depend on it.

This is **Manfred Harb**, Group Service Manager at Komptech. There is only one thing he cannot abide: When it takes longer than two hours to return a customer call. His motto for Komptech customer service is "simple - fast - efficient, best in class."

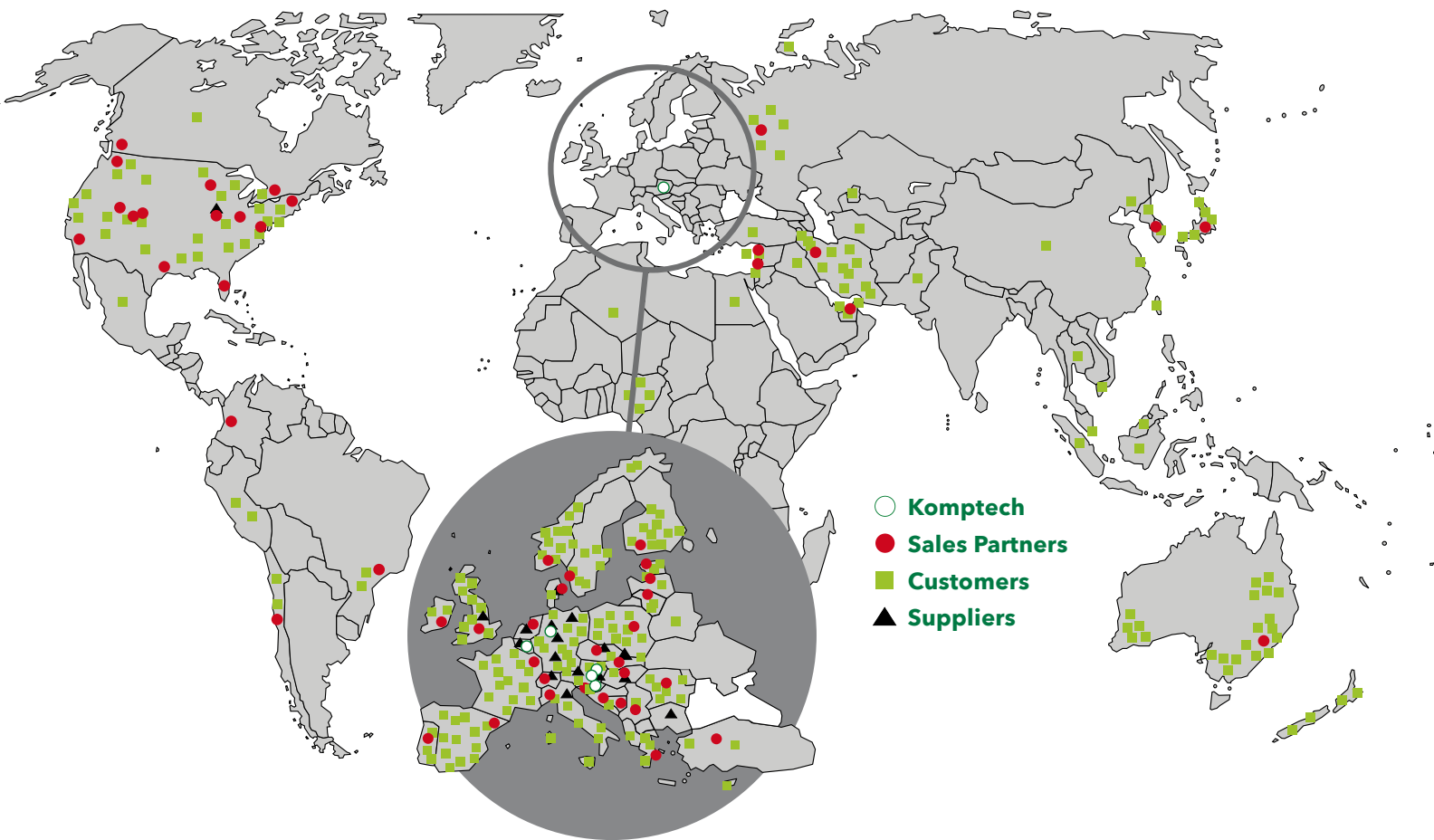


This is **Albert Brandtner**, Service Technician at Komptech in Frohnleiten - and thereby around the world. Today Peru, next week Australia, the week after that France. He's always on the go, to make sure customers get the best possible service.

FOR EXAMPLE: **THE USED MACHINE BUSINESS**

Here's **Ralf Ekkel**. It's his job to make sure that all Komptech partners can network for used machines sales and service. Our rigorous evaluation and examination of these machines means that used machine customers are also satisfied customers.

































THE ORGANISATION

The Komptech Group has a decentralized company structure. Our headquarters in Frohnleiten, Austria, is home to Executive Management and Sales, which provides support to our worldwide trade partners. We sell direct with our own sales team in Germany and Austria.

Products are manufactured at competence centres in Frohnleiten (Austria) and Oelde (Germany). Each Centre is responsible not just for production, but also for research and development for its product categories. They are backed up by our Research Center in Austria and a Slovenian subsidiary that manufactures labour-intensive components.

KOMPTeCH WORLDWIDE

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If you don't see your partner in this list, contact our central Sales team at headquarters:
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THE WORLD IS GETTING GREENER.



Pure design:
The Topturn
Compost turner

NEW



green
efficiency



NEW

**Shredding and chipping
made easy: The Axtor**
Universal shredder



NEW

The NEW MUStang:
The Nemus
Drum screen



green
efficiency



NEW

Less fuel, more power:
The Crambo direct
Dual-shaft shredder



Incredibly tough:
The Terminator
Single-shaft shredder



green
efficiency



Drum-roll:
The Cribus
Drum screen



green
efficiency



NEW

Screening with a star:
The Multistar
Star screen



green
efficiency



NEW

Two in one:
The Hurrifex
Stone and light material separator



Nicer chipping:
The Chippo
Drum chipper

Of course we're not the only people helping to make the world a greener place. But we're still very proud of our solutions for handling waste and biomass!



KOMPTECH
TECHNOLOGY FOR A BETTER ENVIRONMENT