



A name you can trust

HYDR. MULCHING HEADS

FOR EXCAVATORS FROM 1,5 TO 4,5 T.

ENGLISH

A background of a network diagram with grey nodes and lines on a light grey background.

A NAME

YOU CAN

TRUST

A solid orange horizontal bar at the bottom of the image.



BERTI

A NAME YOU CAN TRUST

Quality, strength and reliability: the foundations of our work.

Our mission is to offer sturdy, long-lasting equipment designed to minimise the risk of downtime and always ensure the best possible performance in the field.

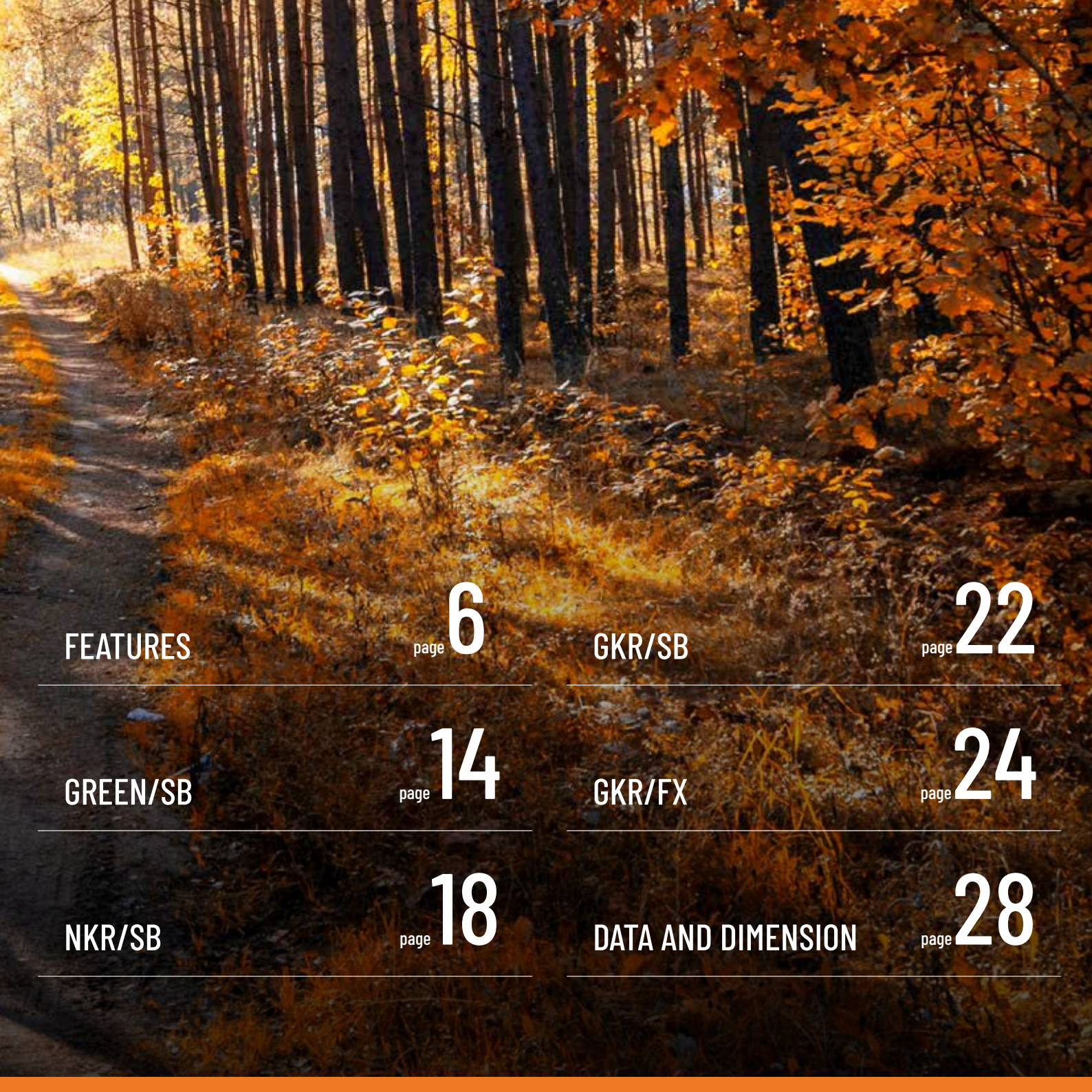
We are a family that believes in the values of collaboration and trust. Every day, with passion and dedication, we create hundreds of machines designed to meet the genuine needs of those who work the land.

We strictly adhere to the highest quality standards, guided by a strong sense of ethics and the responsibility to provide custom solutions for every client.

We look to the future with energy and determination, ready to evolve so we can stay by your side, with products that continue to make a real difference.



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ROTORS

& TOOL HOLDERS

The tube, produced by extrusion, requires no welding and is therefore seamless – a guarantee of strength and reliability. This manufacturing process provides enhanced resistance to accidental impacts.

Square recess tool holders – why is this better?

When it comes to shredding, each design detail makes a

difference. The tool holder is one such detail.

The choice between a hexagonal and a square recess affects not only the shape, it directly affects the holding strength and clamping of the component.

This design feature translates into increased reliability, durability, and operational safety.





The square recess allows for a more precise and stable mechanical connection between the tool (hammer or knife) and the holder.

This means:

- No play between parts, ensuring longer life of the holder-bolt connection.

- Reduced risk of slippage or rotation of the bolt.
 - Greater resistance to dynamic and torsional stresses.
- Each Berti rotor is tested and balanced at high speeds to ensure top-quality performance.

CAST IRON

GEAR-DRIVEN HYDRAULIC MOTOR

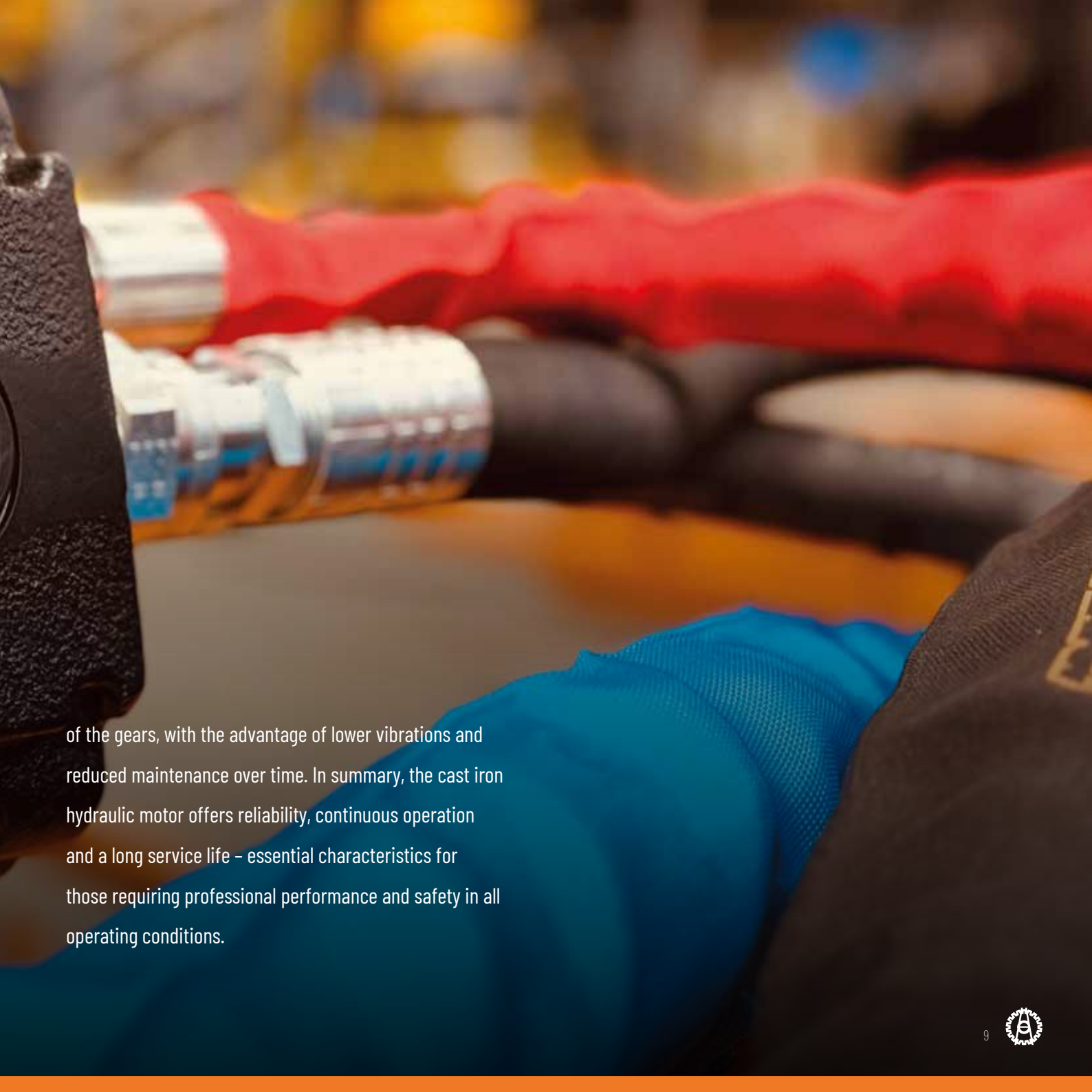
The cast iron hydraulic gear motor is a design choice that combines robustness, reliability and consistent performance over time.

Cast iron, thanks to its high mechanical strength, ensures greater durability even under the most demanding working conditions, reducing wear on internal components. The rigid

structure of the motor housing allows it to withstand the pressure peaks typical of applications on mulchers without deformation, whilst its good heat dissipation capacity keeps the oil temperature stable, improving the overall efficiency of the hydraulic system.

Operation is also smooth and quiet, thanks to the precision





of the gears, with the advantage of lower vibrations and reduced maintenance over time. In summary, the cast iron hydraulic motor offers reliability, continuous operation and a long service life – essential characteristics for those requiring professional performance and safety in all operating conditions.

CHASSIS

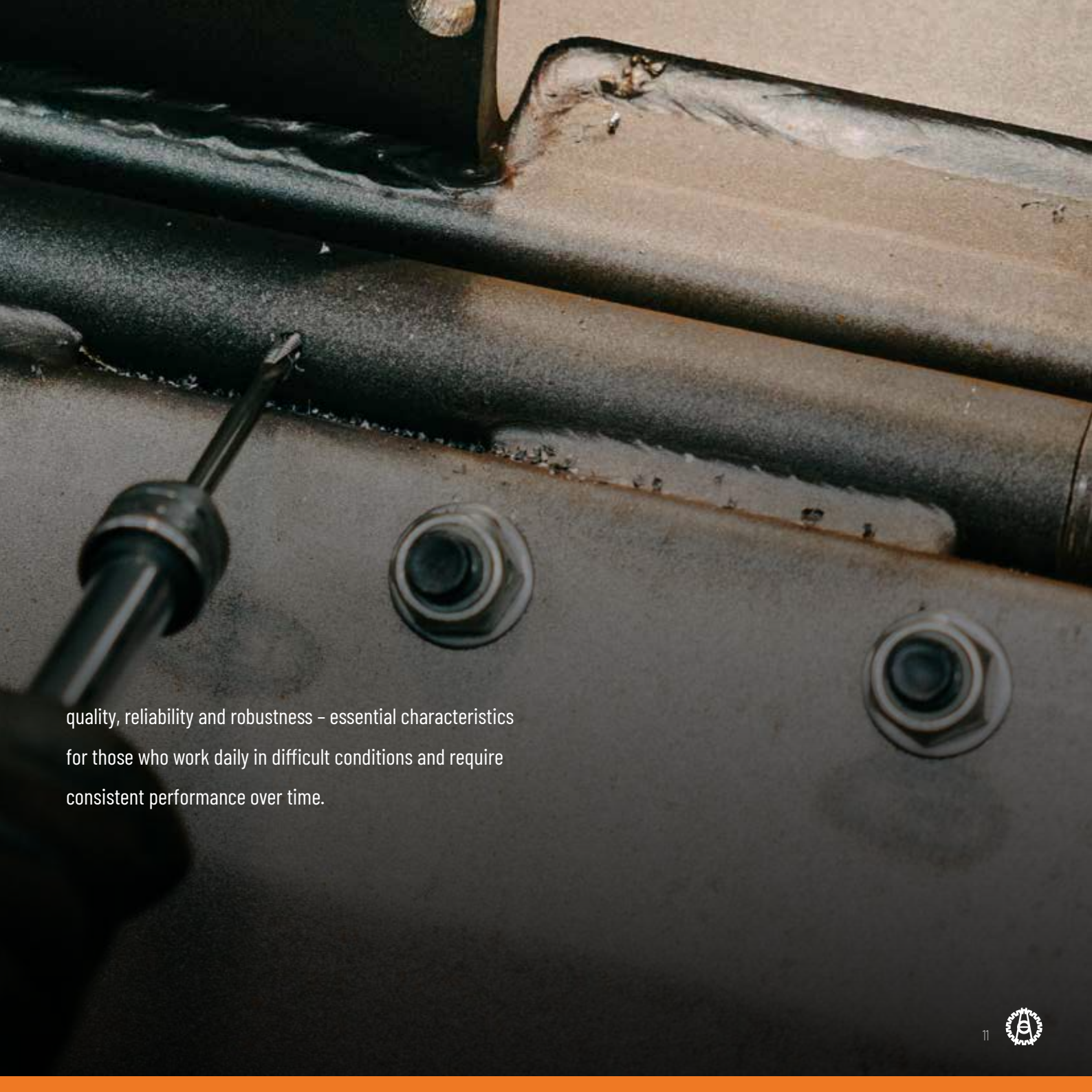
IN STRENX® AND HARDOX® STEEL

The internal structure of Berti's hydraulic mulching heads for excavators is made from Strenx® and/or Hardox® steel, high-strength materials with a low density that ensure an excellent balance between strength, flexibility and structural precision.

Each housing is designed to ensure long-term durability.

The use of Strenx® and/or Hardox® results in a lighter structure that is nonetheless resistant to torsional stresses, improving the machine's manoeuvrability and reducing overall wear. The attention to detail in construction and the experience Berti has gained over decades of design make the bodies of its excavator mulching heads a benchmark for





quality, reliability and robustness – essential characteristics
for those who work daily in difficult conditions and require
consistent performance over time.



BERTI FLUID-BOX

CONTROL VALVE BLOCK

The Berti Fluid Box system is designed to optimise the performance of the brush cutter by constantly monitoring the main operating parameters. Thanks to its integrated functions:

- It **regulates the oil flow rate**, setting the maximum quantity directed to the motor and preventing overloads and rotor
- overspeed.
- It **limits the maximum operating pressure**, protecting the motor from pressure spikes caused by sudden loads.
- It **facilitates the stopping of the rotor** when the machine is switched off, improving operational safety.
- It **prevents cavitation in the hydraulic system**, maintaining





the system's efficiency over time.

Berti Fluid Box: simple, intelligent and reliable technology
that ensures consistent performance and a long service life
for your mulching heads for excavator.

GREEN/SB

HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



1.5 - 2.5 T.



Ø 1-2 cm



ROTOR: HAMMERS

TOOL: BERTI "G"



STRENX™
PERFORMANCE STEEL

HARDOX®
WEAR PLATE



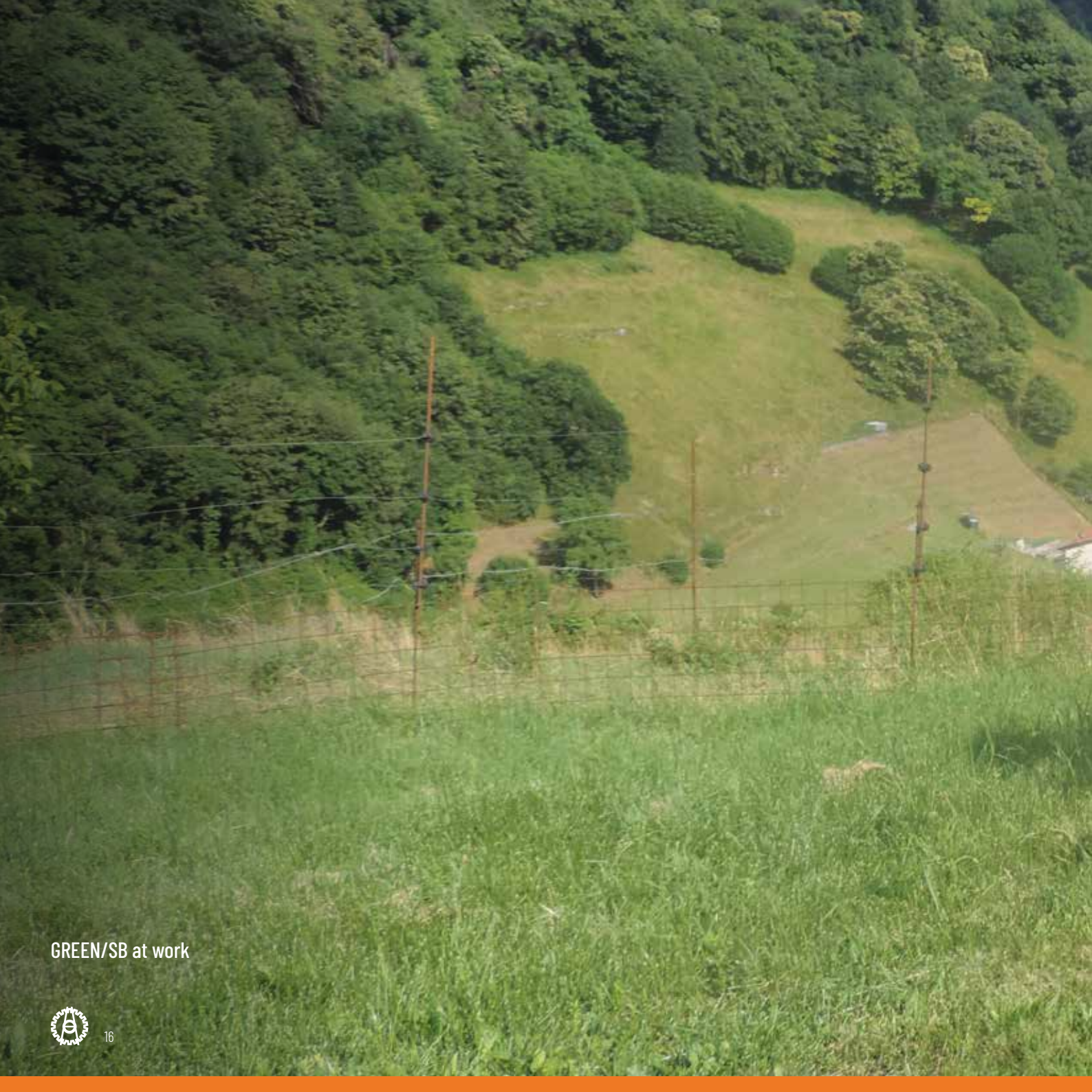
STANDARD EQUIPMENT

- Double chassis.
- Direct trasmission to the rotor.
- Height adjustable levelling roller Ø102 mm.
- Side skids.
- Self-levelling support for mount hitch.
- Protective cover for motor.
- Hydraulic cast iron gear motor with drain line.
- Hydraulic valves block "Berti Fluid Box".
- **Hydraulic hoses with explosion-proof sheats.**
- **Under plate for mount hitch**
- Accident prevention protections according to EC directives

ACCESSORIES ON REQUEST



Mount hitch & pins
made to measure



GREEN/SB at work





NKR/SB

HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



2.5 - 4 T.



Ø 3 cm



ROTOR: BLADES

TOOL: BERTI "YN"



STRENX™
PERFORMANCE STEEL



STANDARD EQUIPMENT

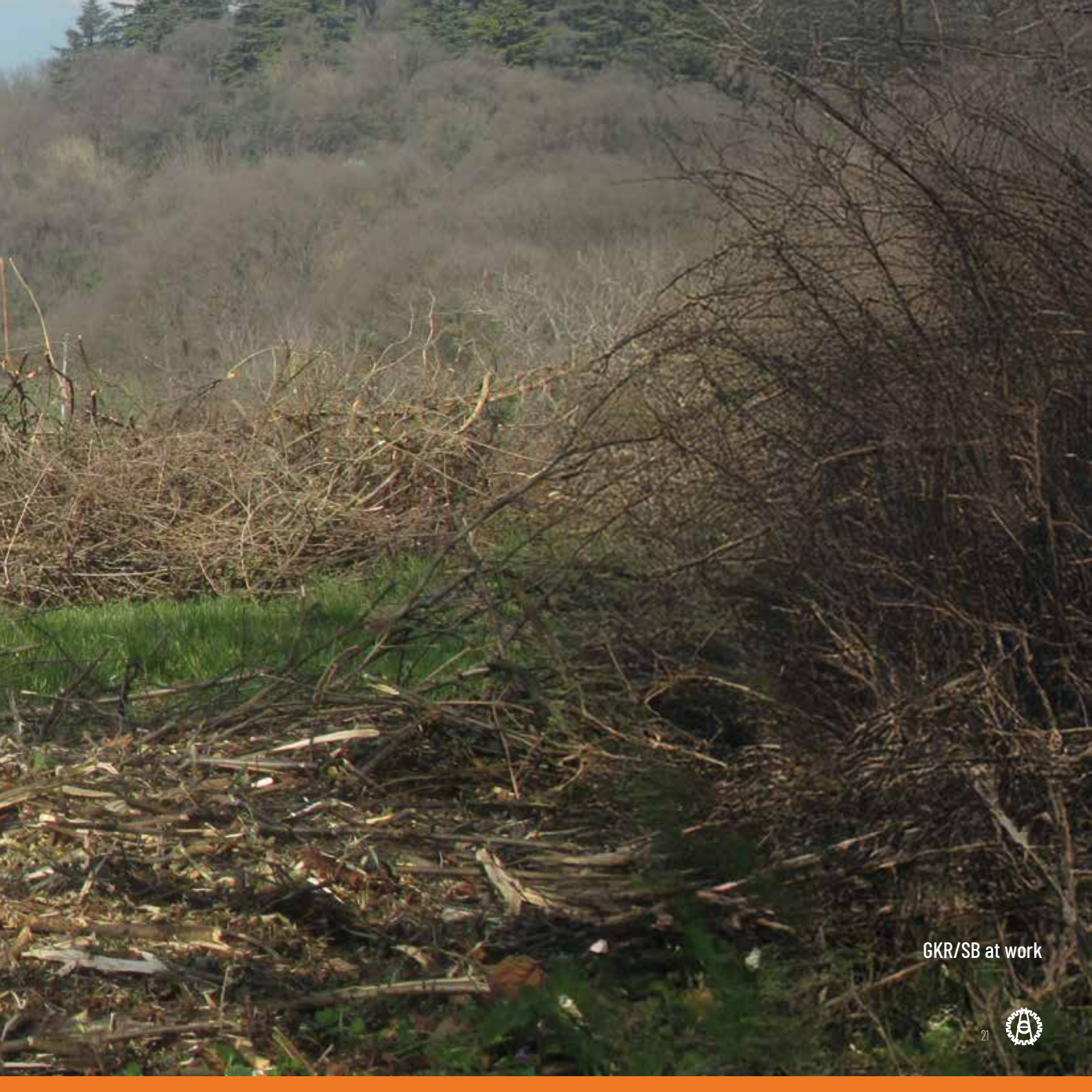
- Double chassis.
- Direct trasmission to the rotor.
- Height adjustable levelling roller Ø114 mm.
- Side skids.
- Self-levelling support for mount hitch.
- Protective cover for motor.
- Hydraulic cast iron gear motor with drain line.
- Hydraulic valves block "Berti Fluid Box".
- **Hydraulic hoses with explosion-proof sheats.**
- **Under plate for mount hitch.**
- Accident prevention protections according to EC directives.

ACCESSORIES ON REQUEST



Mount hitch & pins
made to measure





GKR/SB at work



GKR/SB

HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



2.5 - 4 T.



Ø 4 cm



ROTOR: HAMMERS

TOOL: BERTI "B"



STRENX™
PERFORMANCE STEEL



STANDARD EQUIPMENT

- Double chassis.
- Direct trasmission to the rotor.
- Height adjustable levelling roller Ø114 mm.
- Side skids with wear undershoes.
- Self-levelling support for mount hitch.
- Protective cover for motor.
- Hydraulic cast iron gear motor with drain line.
- Hydraulic valves block "Berti Fluid Box".
- **Hydraulic hoses with explosion-proof sheats.**
- **Under plate for mount hitch.**
- Accident prevention protections according to EC directives

ACCESSORIES ON REQUEST



Mount hitch & pins
made to measure



GKR/FX

FORESTRY POWER FOR MINI EXCAVATORS

The GKR/FX is the ideal solution for those who demand the very best from 3 to 4.5-tonne excavators for light forestry work and professional landscaping.

Compact in size, yet delivering outstanding performance.

At the heart of the GKR/FX is the Ø 330 mm helical forestry rotor: a technical solution designed to tackle brambles, bushes and shrubs up to 7-8 cm in diameter with power, fluidity and precision. The fixed tools, made from wear-

resistant material, guarantee durability and continuous operation even in the toughest conditions, turning every job into a quick and effective task.

The structure is built to last.

A reinforced double chassis, side-mounted belt drive, internal counterweights, and bolted skids with replaceable wear plates: every component is designed to offer strength, protection and long-term reliability.

Technology that protects and enhances your excavator.





The cast-iron gear motor works in perfect synergy with the Berti Fluid Box, the internal valve block optimised for flow rates of up to 60 l/min. The result? Simplified installation, constant control, protection of the hydraulic system and maximum stability during operation.

Versatile, modular, ready for action.

All safety guards comply with EC regulations, ensuring you can always operate in complete safety. Available in widths of 60 and 80 cm, it manoeuvres with agility on the narrowest

and most complex sites, where compactness and power must coexist without compromise. With an operating weight of between 220 and 315 kg, it guarantees stability, constant ground pressure and superior shredding quality. GKR/FX: small in size, giant in performance.

The ideal choice for professionals who demand the very best in terms of output, robustness and reliability. Because when the going gets tough, you need a machine ready to make a difference.

GKR/FX

HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



3 - 4.5 T.



Ø 8 cm



ROTOR: FORESTRY HELICAL

TOOL: BERTI "XF2"



HARDOX®
WEAR PLATE



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Belts transmission cover.
- Counter blades.
- Side skids.
- Forestry helical rotor Ø300 mm.
- Protective cover for motor.
- Hydraulic cast iron gear motor with drain line.
- Hydraulic valves block "Berti Fluid Box".
- **Hydraulic hoses with explosion-proof sheaths.**
- **Under plate for mount hitch.**
- Accident prevention protections according to EC directives.

ACCESSORIES ON REQUEST



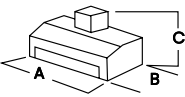
Mount hitch & pins
made to measure



Walking foot
kit

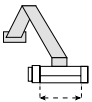
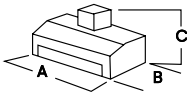
DATA

AND DIMENSION

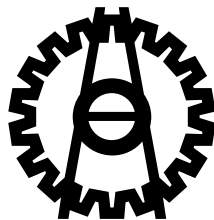
											
MODEL	cm	n°	n°	l/min	bar (min - max)	a	b	c	Kg	min	max
GREEN/SB 60	60	10	/	25-30	195-250	86	60	48	20	100	120
GREEN/SB 80	80	14	/	25-30	195-250	106	60	48	20	110	130
NKR/SB 60	60	/	20	33-37	195-250	87	75	63	25	150	175
NKR/SB 80	80	/	28	33-37	195-250	107	75	63	25	170	195
NKR/SB 100	100	/	36	38-42	195-250	127	75	63	25	190	215





											
MODEL	cm	n°	l/min	bar (min-max)	n°	a	b	c	Kg	min	max
GKR/SB 60	60	8	33-37	195-250	/	88	75	62	25	185	210
GKR/SB 80	80	12	38-42	195-250	/	108	75	62	25	215	240
GKR/FX 60	60	18	35-38	195-250	2	78	72	50	25	220	295
GKR/FX 80	80	24	35-38	195-250	2	98	72	50	25	240	315





All images and information contained in this material are for illustrative purposes only.

The product may be subject to changes aimed at continuous improvement.



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YOU CAN
TRUST



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