



BERTI®

A name you can trust

HYDR. MULCHING HEADS

AND BRANCH CUTTING BARS FOR EXCAVATORS FROM 4,5 TO 11 T.

ENGLISH

A background pattern of a network or web, consisting of numerous small, dark gray circular nodes connected by thin, light gray lines. The nodes are distributed across the entire frame, creating a complex, interconnected web-like structure. The text is overlaid on this pattern.

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.

INDEX

FEATURES

page **6**

PARK/SB

page **28**

GKR/FX

page **22**

RA/SB

page **30**

CKT/SB

page **26**

CKT/FX

page **32**

CKT/FX A.V.T.

page 34

PARK/FX A.V.T.

page 44

PARK/FM

page 38

AS/M

page 48

PARK/FM A.V.T.

page 40

AS/P

page 50

PARK/FX

page 42

DATA AND
DIMENSIONS

page 52

CHASSIS

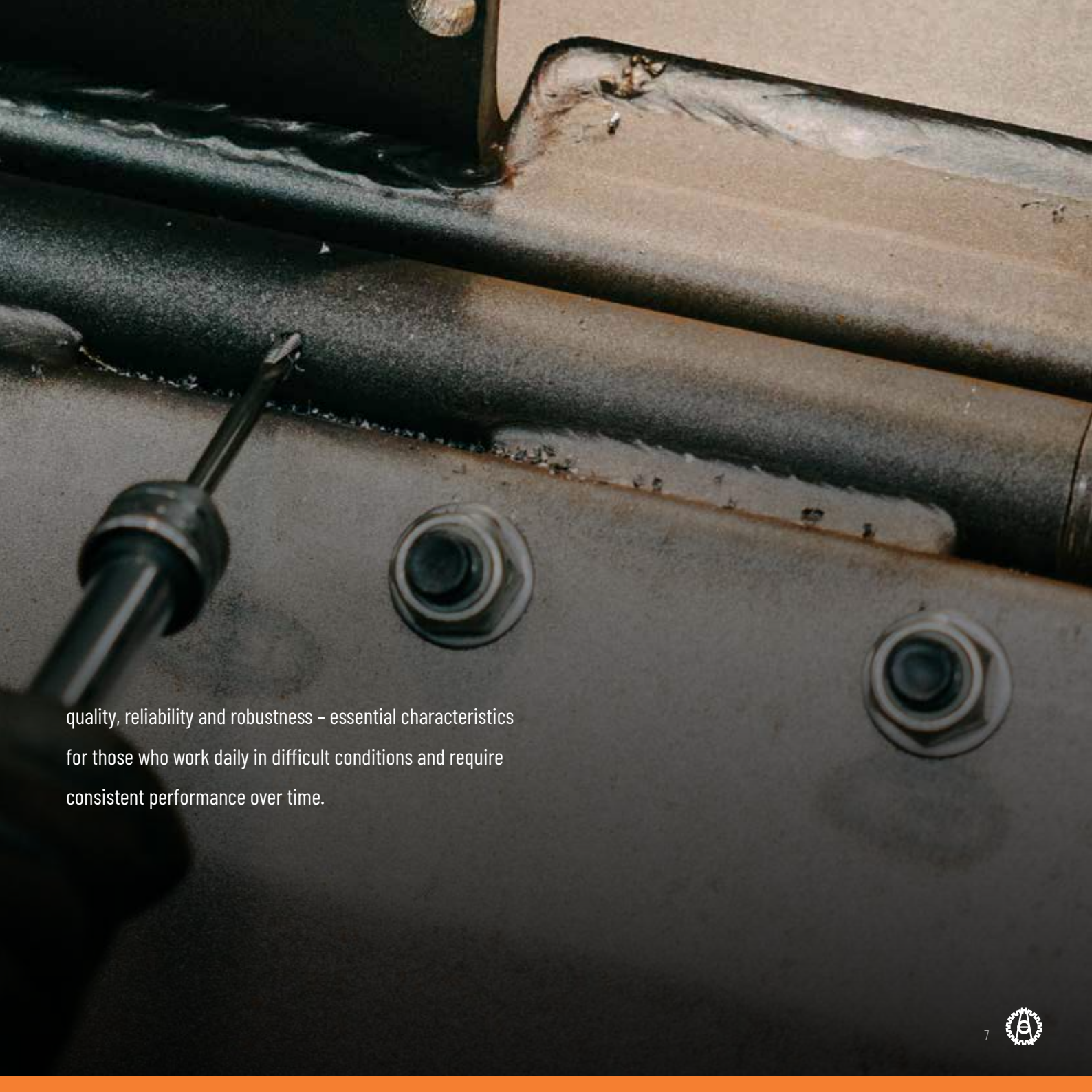
IN STRENX® AND HARDOX® STEEL

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.

CAST IRON

GEAR-DRIVEN HYDRAULIC MOTOR

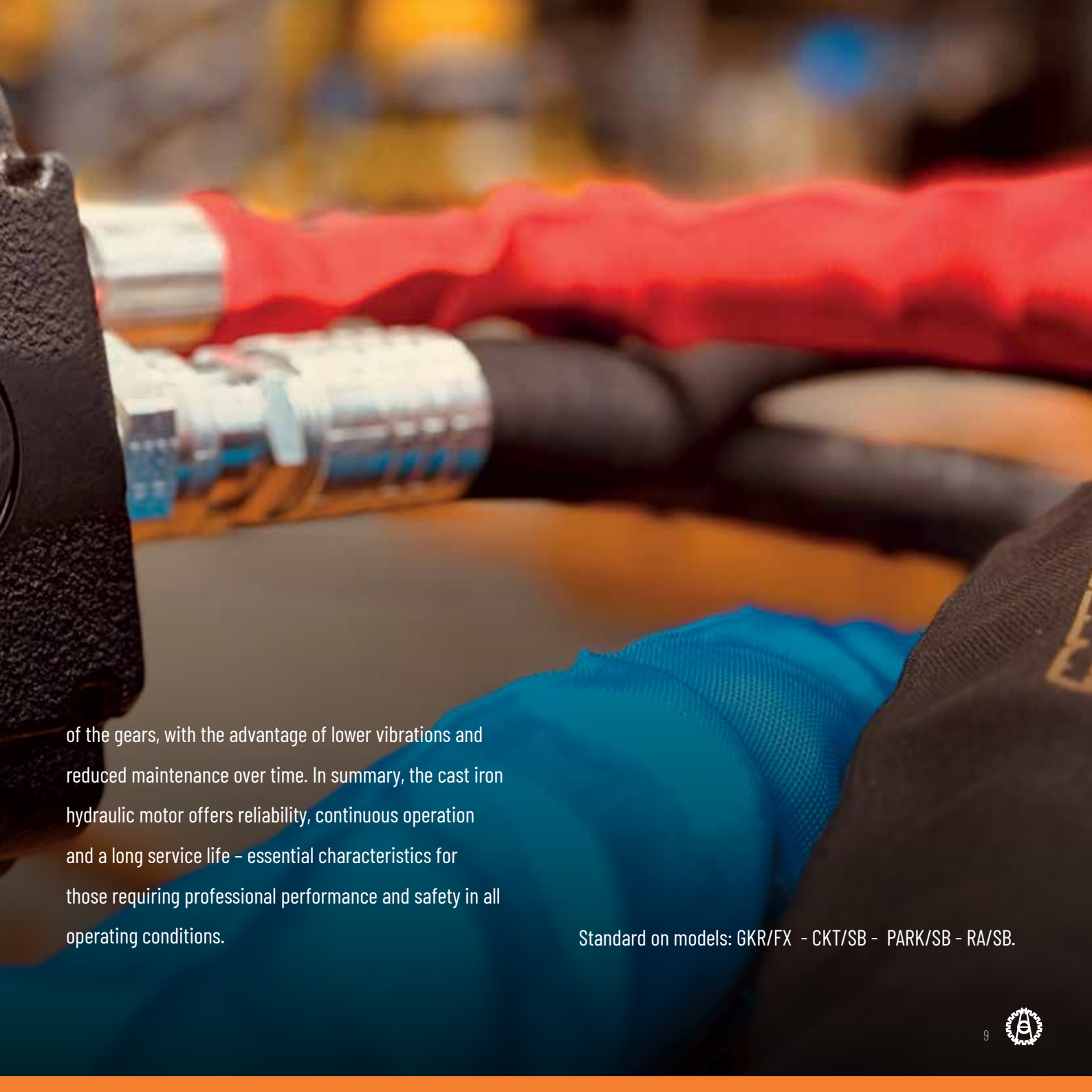
The cast iron hydraulic gear motor is a design choice that combines robustness, reliability and consistent performance over time.

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.

Standard on models: GKR/FX - CKT/SB - PARK/SB - RA/SB.

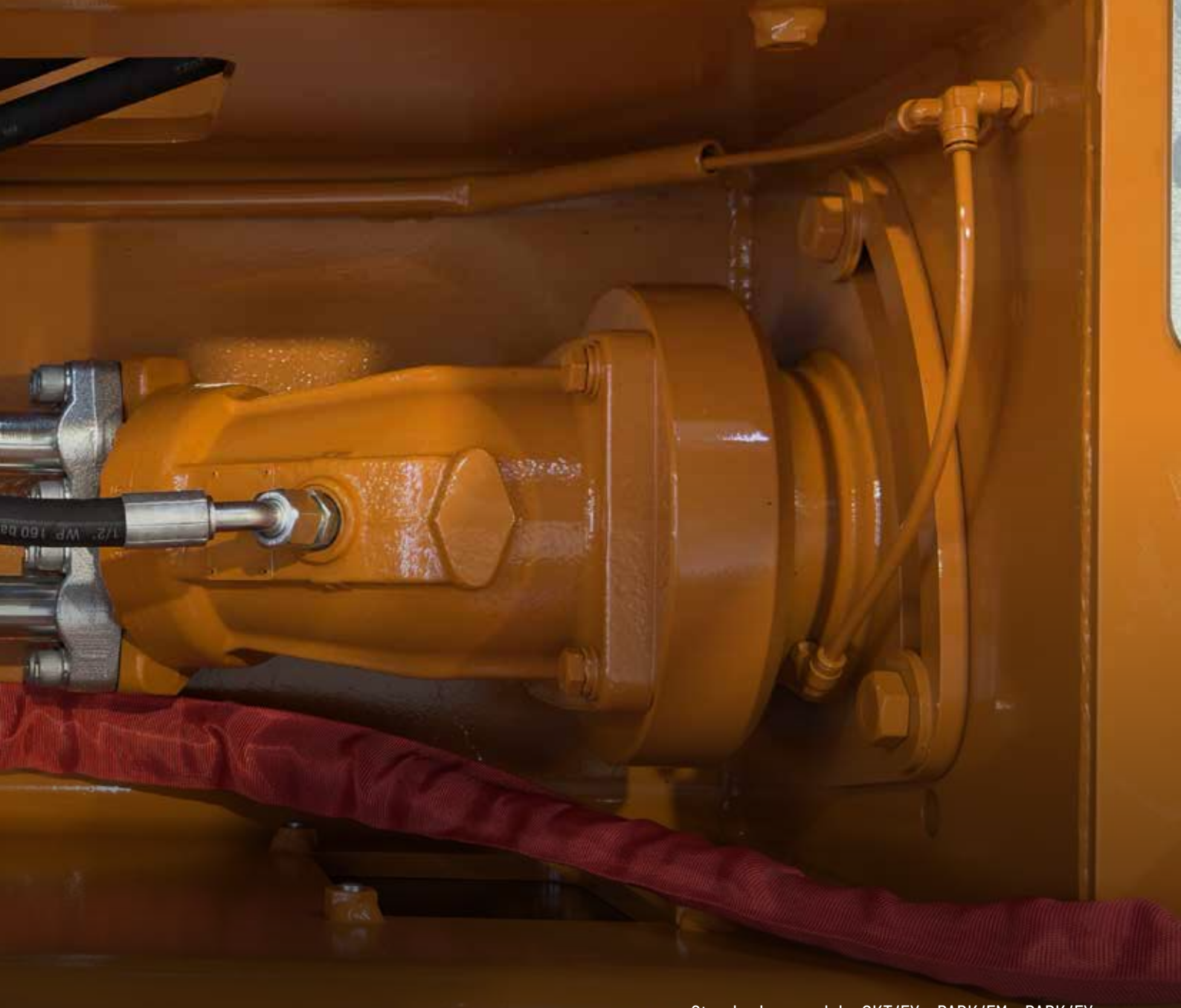
PISTON HYDRAULIC

MOTOR

The piston motor offers a solution that combines high performance, reliability and precision of operation, even in the most demanding applications. Its ability to convert hydraulic energy into mechanical energy enables high torque to be achieved, which is directly proportional to the pressure difference between high and low pressure. Due to these characteristics, the piston motor is fitted to hydraulic brush cutters for excavators where high pressures, high

performance and continuous operation are required. In these applications, drainage is essential to ensure correct operation. In summary, the piston motor offers power, efficiency and reliability, making it the perfect solution for high-performance applications.





Standard on models: CKT/FX - PARK/FM - PARK/FX.

VARIABLE-DISPLACEMENT

HYDRAULIC MOTOR

The automatic variable displacement piston motor is the solution that combines efficiency, high performance and operational adaptability, even in the most demanding operating conditions. It is capable of delivering both high torque at low speed (maximum displacement) and high speed at low load (minimum displacement), adapting instantly to different operational requirements. Compared

to fixed-displacement hydraulic piston motors, AVT motors offer significant advantages:

- **Superior energy efficiency**, reducing energy loss.
- **Better power control** and torque variation.
- **Lower fuel consumption** and reduced wear on transmission components.
- **Optimal adaptability** to variable workloads.





In these applications, automatic displacement control ensures reliability and improved dynamic response throughout the entire operating cycle. The AVT motor, combined with the exclusive Berti Fluid Box valve block designed for these motors, offers the ideal solution for maximising the performance of the brush cutter.

Standard on models: CKT/FX AVT - PARK/FM AVT - PARK/FX AVT.



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.



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.

FORESTRY

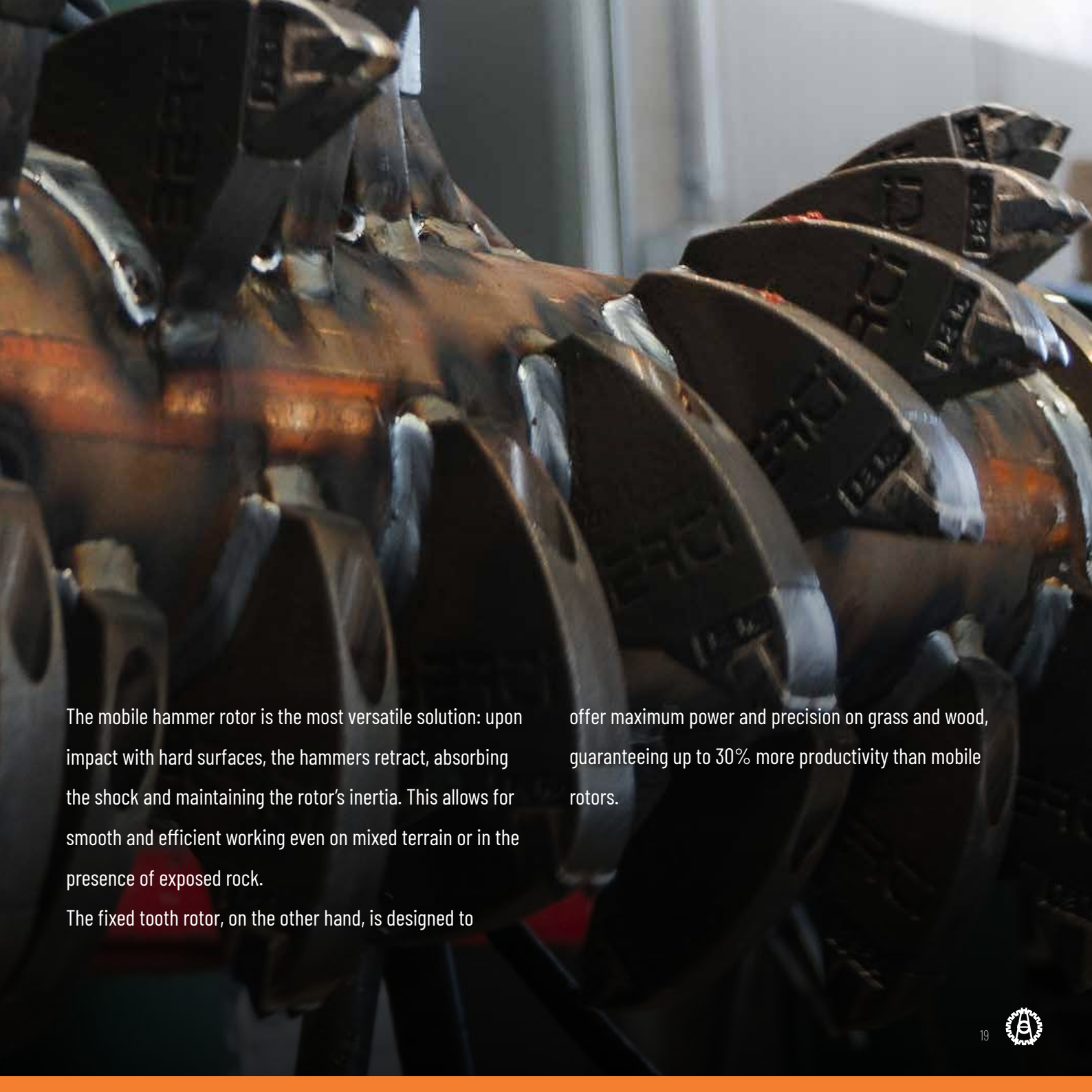
ROTORS

Every Berti rotor is created from a supply chain that is monitored at every stage, from design to final balancing. We use high-quality steel, precision-machined in our factories to ensure maximum strength and durability. Every component is the result of a production process with attention to the smallest details. Every rotor we produce is

tested and balanced. This is how every Berti machine offers the reliability and safety that professionals in the sector expect in all working conditions.

Within the forestry range, Berti offers three different rotor configurations, designed to meet different operational needs.





The mobile hammer rotor is the most versatile solution: upon impact with hard surfaces, the hammers retract, absorbing the shock and maintaining the rotor's inertia. This allows for smooth and efficient working even on mixed terrain or in the presence of exposed rock.

The fixed tooth rotor, on the other hand, is designed to

offer maximum power and precision on grass and wood, guaranteeing up to 30% more productivity than mobile rotors.

TOOLS

FOR FORESTRY ROTORS



SINGLE-EDGED TOOLS MF1 - 360° SWINGING HAMMER ROTOR

Unlike the double-edged tool, the MF1 tools feature a single cutting edge. These tools are also recommended for general-purpose use, in the same way as the DF tool. Their distinctive shape, featuring structural reinforcement at the top, ensures reduced power consumption, better vibration damping during operation and a longer service life for the cutting edges.



DOUBLE-EDGED TOOLS DF1 - 360° SWINGING HAMMER ROTOR

The double-edged tool features a double cutting edge and is recommended for a wide range of uses: from mowing grass to shredding woody waste, branches and logs.





FIXED TEETH XF2 - **HELICAL ROTOR**

The curved design of the tool is engineered to optimise cutting performance and service life. The material being shredded does not strike the base of the tooth: the cutting edge, which protrudes beyond the tooth holder, makes contact with the material first, anticipating the impact and protecting the holder. This geometry reduces stress on the tooth holder, minimises wear and significantly extends the component's service life. The cutting edge consists of a double plate and is recommended for logs and branches in terrain with few stones.



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

CKT/SB

HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



4.5 - 6 T.



Ø 5 cm



ROTOR: HAMMERS

TOOL: BERTI "B"



ROTOR: BLADES

TOOL: BERTI "YB"



STRENX™
PERFORMANCE STEEL



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Height adjustable levelling roller Ø139 mm.
- Side skids with wear undershoes.
- Helical rotor.
- Counter blades.
- 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

PARK/SB

HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



6 - 8 T.



Ø 6 cm



ROTOR: HAMMERS

TOOL: BERTI "D"



ROTOR: BLADES

TOOL: BERTI "YB"



STRENX™
PERFORMANCE STEEL



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Height adjustable levelling roller Ø139 mm.
- Side skids with wear undershoes.
- Helical rotor.
- Counter blades.
- Self-levelling support for mount hitch.
- 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



Hydraulic rotation device
with hoses



Kit diverter valve
for accessories



Walking foot
kit

RA/SB

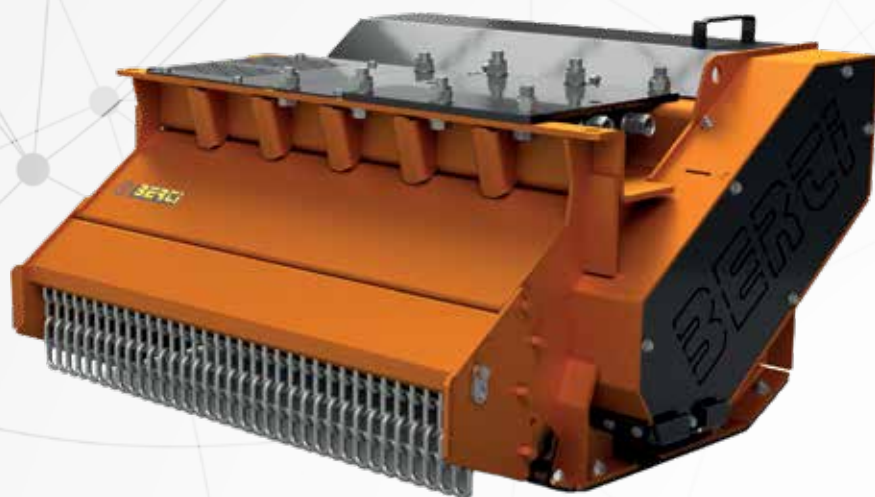
HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



7,5 - 9 T.



Ø 7 cm



ROTOR: HAMMERS

TOOL: BERTI "A"



ROTOR: BLADES

TOOL: BERTI "YA"



STRENX™
PERFORMANCE STEEL



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Height adjustable levelling roller Ø139 mm.
- Side skids with wear undershoes.
- Heavy duty mulching-rotor.
- Counter blades.
- 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



Hydraulic rotation device
with hoses



Kit diverter valve
for accessories



Walking foot
kit

CKT/FX

HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



5 - 7 T.



Ø 10 cm



ROTOR: FORESTRY HELICAL

TOOL: BERTI "XF2"



HARDOX®
WEAR PLATE



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Forestry rotor Ø342 mm.
- Side skids with wear undershoes.
- Counter blades.
- Hydraulic piston motor with drain line.
- Rear hood opens for inspection.
- 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



Hydraulic cylinder
for opening/closing of the hood



Hydraulic rotation device
with hoses



Kit diverter valve
for accessories



Walking foot
kit

CKT/FX AVT

HYDRAULIC MULCHING HEAD FOR MINI-EXCAVATORS



5 - 7 T.



Ø 10 cm



ROTOR: FORESTRY HELICAL

TOOL: BERTI "XF2"



HARDOX®
WEAR PLATE



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Forestry rotor Ø342 mm.
- Side skids with wear undershoes.
- Counter blades.
- **Automatic Variable Torque piston motor.**
- Rear hood opens for inspection.
- 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



Hydraulic cylinder
for opening/closing of the hood



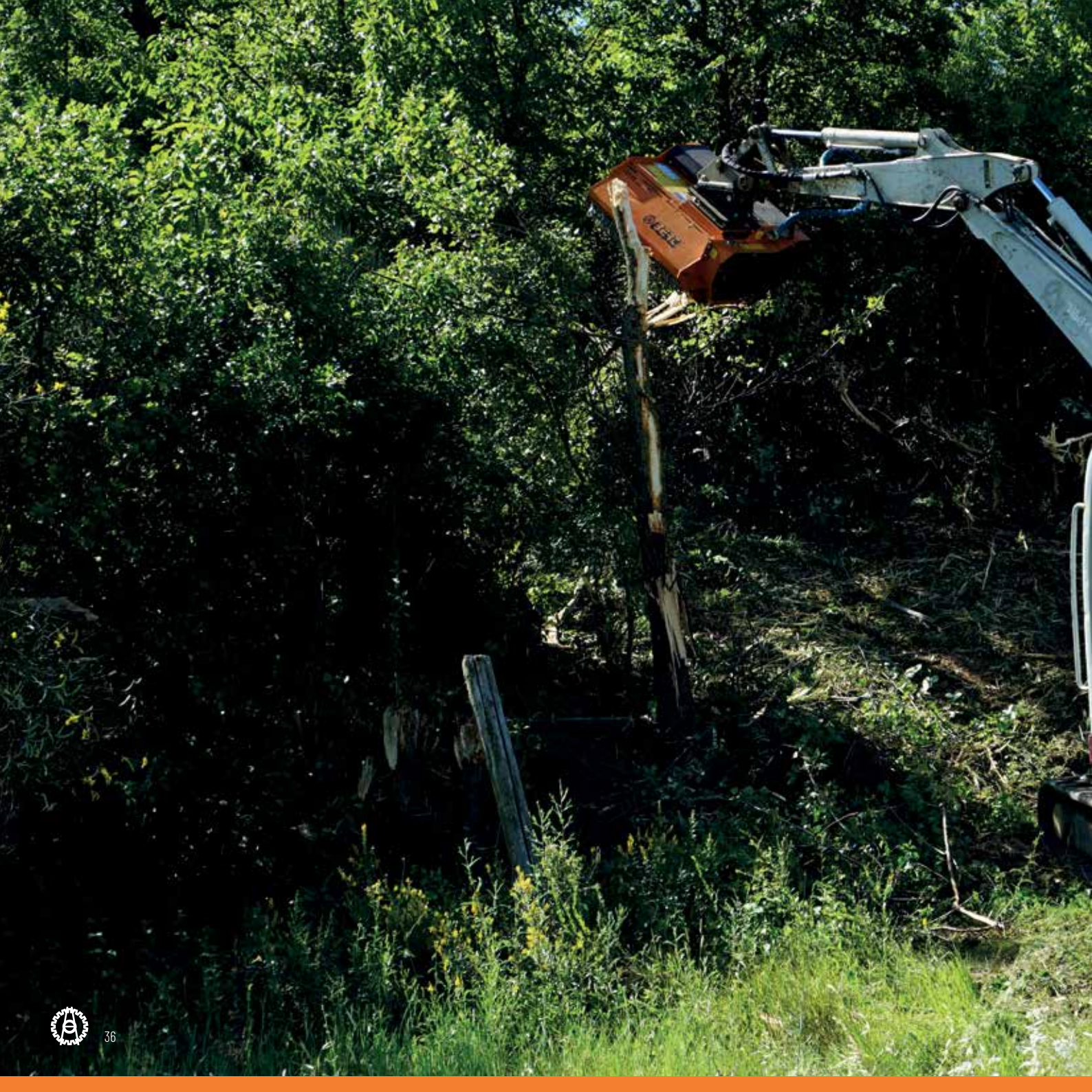
Hydraulic rotation device
with hoses



Kit diverter valve
for accessories



Walking foot
kit





CKT/FX at work



PARK/FM

HYDRAULIC MULCHING HEAD FOR EXCAVATORS



8 - 11 T.



Ø 12 cm



ROTOR: 360° SWINGING HAMMERS

TOOL: BERTI "DF1" DOUBLE-EDGE



ROTOR: 360° SWINGING HAMMERS

TOOL: BERTI "MF2" SINGLE-EDGE



STRENX™
PERFORMANCE STEEL



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Forestry rotor Ø360 mm.
- Side skids with wear undershoes.
- Counter blades.
- Hydraulic piston motor with drain line.

- Rear hood opens for inspection.
- 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



Hydraulic cylinder
for opening/closing of the hood



Hydraulic rotation device
with hoses



Kit diverter valve
for accessories



Walking foot
kit

PARK/FM AVT

HYDRAULIC MULCHING HEAD FOR EXCAVATORS



8 - 11 T.



Ø 12 cm



ROTOR: 360° SWINGING HAMMERS

TOOL: BERTI "DF1" DOUBLE-EDGE



ROTOR: 360° SWINGING HAMMERS

TOOL: BERTI "MF2" SINGLE-EDGE



STRENX[™]
PERFORMANCE STEEL



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Forestry rotor Ø360 mm.
- Side skids with wear undershoes.
- Counter blades
- **Automatic Variable Torque piston motor.**
- Rear hood opens for inspection.
- 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



Hydraulic cylinder
for opening/closing of the hood



Hydraulic rotation device
with hoses



Kit diverter valve
for accessories



Walking foot
kit

PARK/FX

HYDRAULIC MULCHING HEAD FOR EXCAVATORS



8 - 11 T.



Ø 15 cm



ROTOR: FORESTRY HELICAL

TOOL: BERTI "XF2"



STRENX™
PERFORMANCE STEEL



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Forestry rotor Ø360 mm.
- Side skids with wear undershoes.
- Counter blades.
- Hydraulic piston motor with drain line.

- Rear hood opens for inspection.
- 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



Hydraulic cylinder
for opening/closing of the hood



Hydraulic rotation device
with hoses



Kit diverter valve
for accessories



Walking foot
kit

PARK/FX AVT

HYDRAULIC MULCHING HEAD FOR EXCAVATORS



8 - 11 T.



Ø 15 cm



ROTOR: FORESTRY HELICAL

TOOL: BERTI "XF2"



STRENX™
PERFORMANCE STEEL



STANDARD EQUIPMENT

- Double chassis.
- Belts transmission.
- Forestry rotor Ø360 mm.
- Side skids with wear undershoes.
- Counter blades.
- **Automatic Variable Torque piston motor.**
- Rear hood opens for inspection.
- 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



Hydraulic cylinder
for opening/closing of the hood



Hydraulic rotation device
with hoses

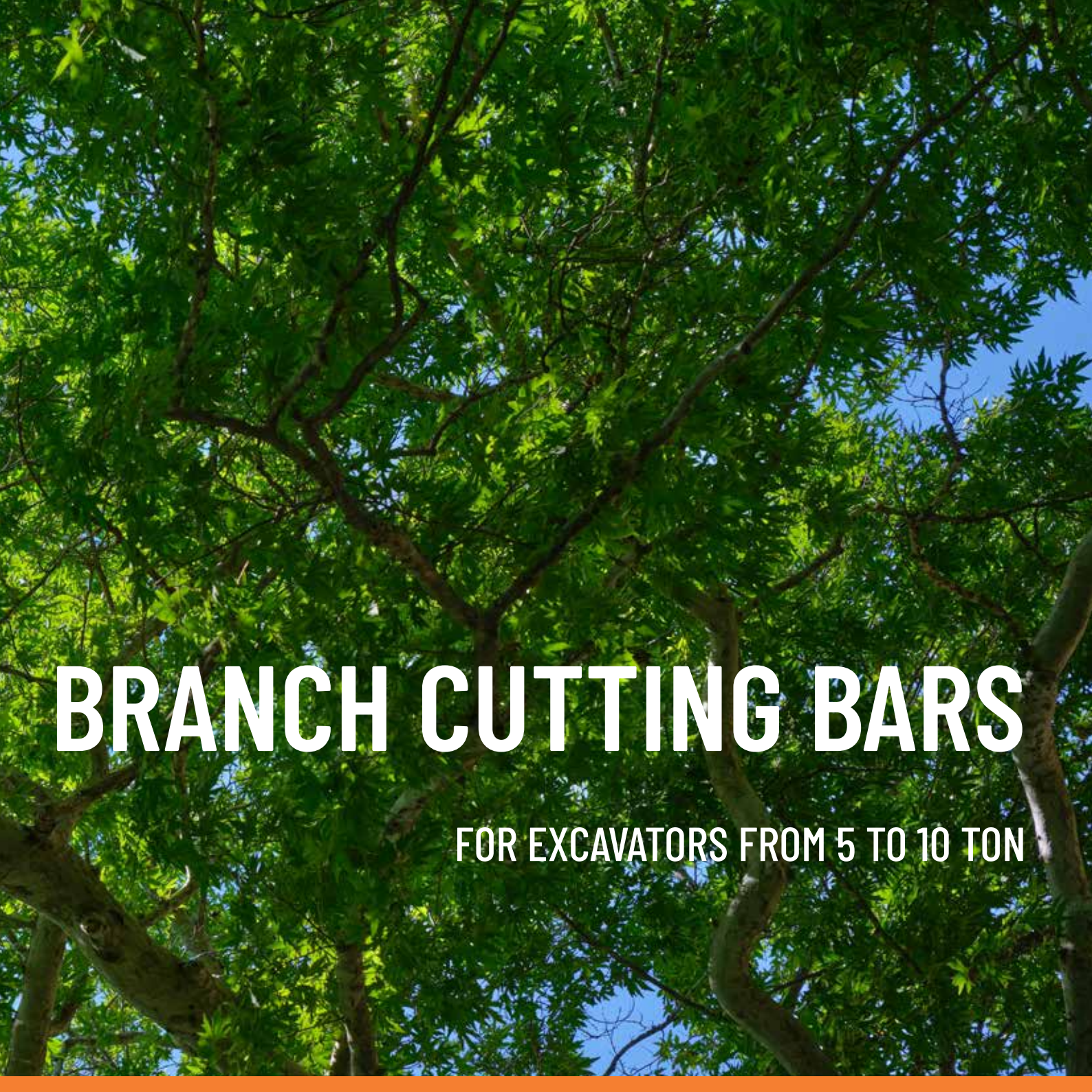


Kit diverter valve
for accessories



Walking foot
kit





BRANCH CUTTING BARS

FOR EXCAVATORS FROM 5 TO 10 TON

AS/M

BRANCH CUTTER BAR FOR MINI AND MIDI-EXCAVATORS



5 - 10 T.



Ø 5 cm



STANDARD EQUIPMENT

- Mechanical tilt adjustment.
- Hydraulic hoses.
- Flow regulator valve 3/4".
- **Under plate for mount hitch.**
- Accident prevention protections according to EC directives.

ACCESSORIES ON REQUEST



Mount hitch & pins
made to measure

AS/P

BRANCH CUTTER BAR FOR MINI AND MIDI-EXCAVATORS



5 - 10 T.



Ø 10 cm



STANDARD EQUIPMENT

- Mechanical tilt adjustment.
- Hydraulic hoses.
- Flow regulator valve 3/4".
- **Under plate for mount hitch.**
- Accident prevention protections according to EC directives.

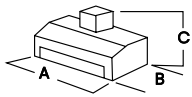
ACCESSORIES ON REQUEST

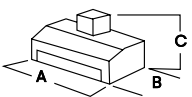


Mount hitch & pins
made to measure

DATA

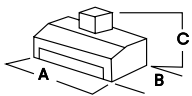
AND DIMENSIONS

											
MODEL	cm	n°	l/min	bar (min-max)	n°	a	b	c	Kg	min	max
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

												
MODEL	cm	n°	n°	l/min	bar (min - max)	n°	a	b	c	Kg	min	max
CKT/SB 80	80	12	36	43-47	245-315	/	87	75	63	25	150	175
CKT/SB 100	100	16	48	43-47	245-315	2	95	92	65	25	260	285

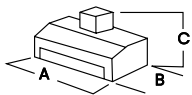




												
MODEL	cm	n°	n°	l/min	bar (min - max)	n°	a	b	c	Kg	min	max
PARK/SB 90	90	12	36	63-67	245-315	2	107	89	86	50	430	490
PARK/SB 110	110	16	48	63-67	245-315	2	127	89	86	50	455	515
RA/SB 95	95	8	24	78-82	245-315	3	115	93	66	50	420	530
RA/SB 115	115	10	30	78-82	245-315	3	135	93	66	50	450	565
RA/SB 125	125	12	36	78-82	245-315	3	145	93	66	50	500	610

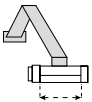
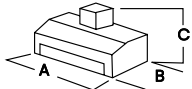
DATA

AND DIMENSIONS

											
MODEL	cm	n°	l/min	bar (min-max)	n°	a	b	c	Kg	min	max
CKT/FX 80	80	29	48-52	250-315	3	100	94	55	25	350	400
CKT/FX 100	100	37	48-52	250-315	3	120	94	55	25	400	450
CKT/FX 80 A.V.T.	80	29	50-75	250-315	3	100	94	55	25	350	400
CKT/FX 100 A.V.T.	100	37	50-75	250-315	3	120	94	55	25	400	450
PARK/FM 80	80	16	78-82	270-315	3	102	84	77	50	435	550
PARK/FM 100	100	18	78-82	270-315	3	122	84	77	50	475	590





											
MODEL	cm	n°	l/min	bar (min-max)	n°	a	b	c	Kg	min	max
PARK/FM 80 A.V.T.	80	16	80-100	270-315	3	102	84	77	50	435	550
PARK/FM 100 A.V.T.	100	18	80-100	270-315	3	122	84	77	50	475	590
PARK/FX 100	100	37	78-82	270-315	3	122	84	77	50	525	640
PARK/FX 120	120	45	78-82	270-315	3	142	84	77	50	595	710
PARK/FX 100 A.V.T.	100	37	80-100	270-315	3	122	84	77	50	525	640
PARK/FX 120 A.V.T.	120	45	80-100	270-315	3	142	84	77	50	595	710



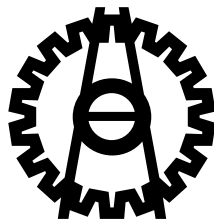
DATA

AND DIMENSIONS

							
MODEL	cm	n°	n°	l/min	bar	Kg	Kg
AS/M 150	150	5	200	60	250	25	210
AS/M 180	180	5	200	60	250	25	220
AS/P 160	160	10	85	60	250	25	240
AS/P 190	190	10	85	60	250	25	265
AS/P 220	220	10	85	60	250	25	290







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

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



A NAME
YOU CAN
TRUST



BERTI MACCHINE AGRICOLE SPA

Via Musi 1/A-3-4

37042 Caldiero (Verona) - Italy

+39 045 61 39 711

bertima.it

info@bertima.it

follow us:



2026 REV1.0