



**UNIFOREST®**

**FIREWOOD PROCESSING**





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## WELCOME TO OUR PRODUCT CATALOGUE!

Safety, efficiency and responsibility towards the nature are the guiding principles of firewood production, which is why Uniforest's mission is to develop and manufacture machines that support these values. Our equipment is engineered to the highest standards of quality, reliability and durability.

We are proud that the high level of usability of Uniforest machines is recognised by professional firewood producers as well as occasional users. With our machines, everyday tasks become more organised, and demanding work becomes easier and more efficient. We are here to support you with innovative, thoughtfully developed solutions that ensure successful, safe and sustainable work in the forest.

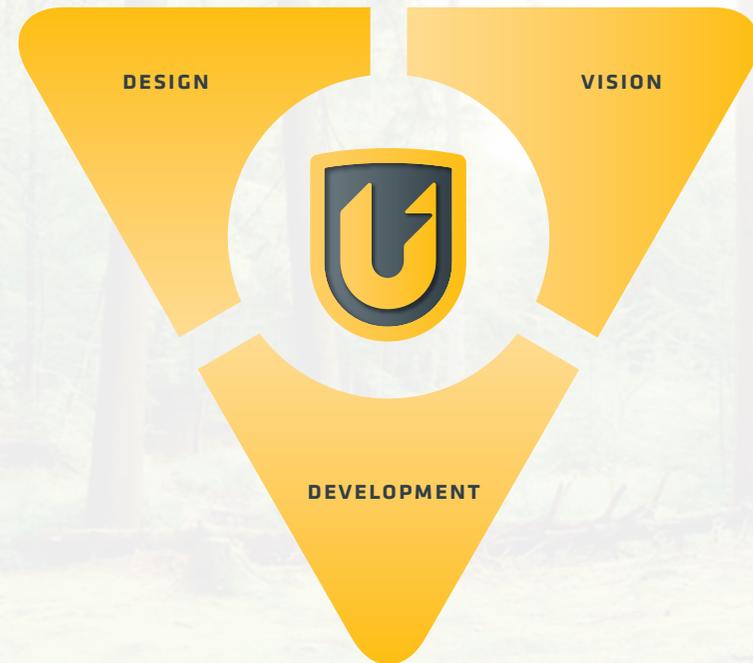


## ABOUT

# UNIFOREST

UNIFOREST is a globally recognised company with an impressive tradition in manufacturing forestry machinery, distinguished by innovation and superior quality.

In-house development is guided by market requirements. We always consider our customers' opinions and needs, which are constantly evolving in a rapidly changing world. Every component of each product is carefully thought out, and every machine is designed and manufactured down to the smallest detail, ensuring high-quality results. To date, many integrated solutions have been patented, and we have received numerous awards and recognitions.





## DEVELOPMENT AND DESIGN – HIGHLY SPECIALISED AND MOTIVATED TEAM

User satisfaction and safe operation are at the top of our list of priorities. Every machine is carefully designed and constructed by a team of highly qualified and experienced engineers working hand-in-hand with the industrial designer. Ensuring high safety and user-friendliness standards is their daily challenge.



## SUPERIOR DESIGN OF UNIFOREST MACHINES

Melon yellow and anthracite grey are our established colours, communicating the core principles of our machine development: Safety, high user-friendliness, and efficiency.

All machines are designed in collaboration with an industrial designer. In 2007, we defined the first and most important development guidelines for Uniforest, as our distinctive design lines and the combination of our brand colours are recognised by customers worldwide.

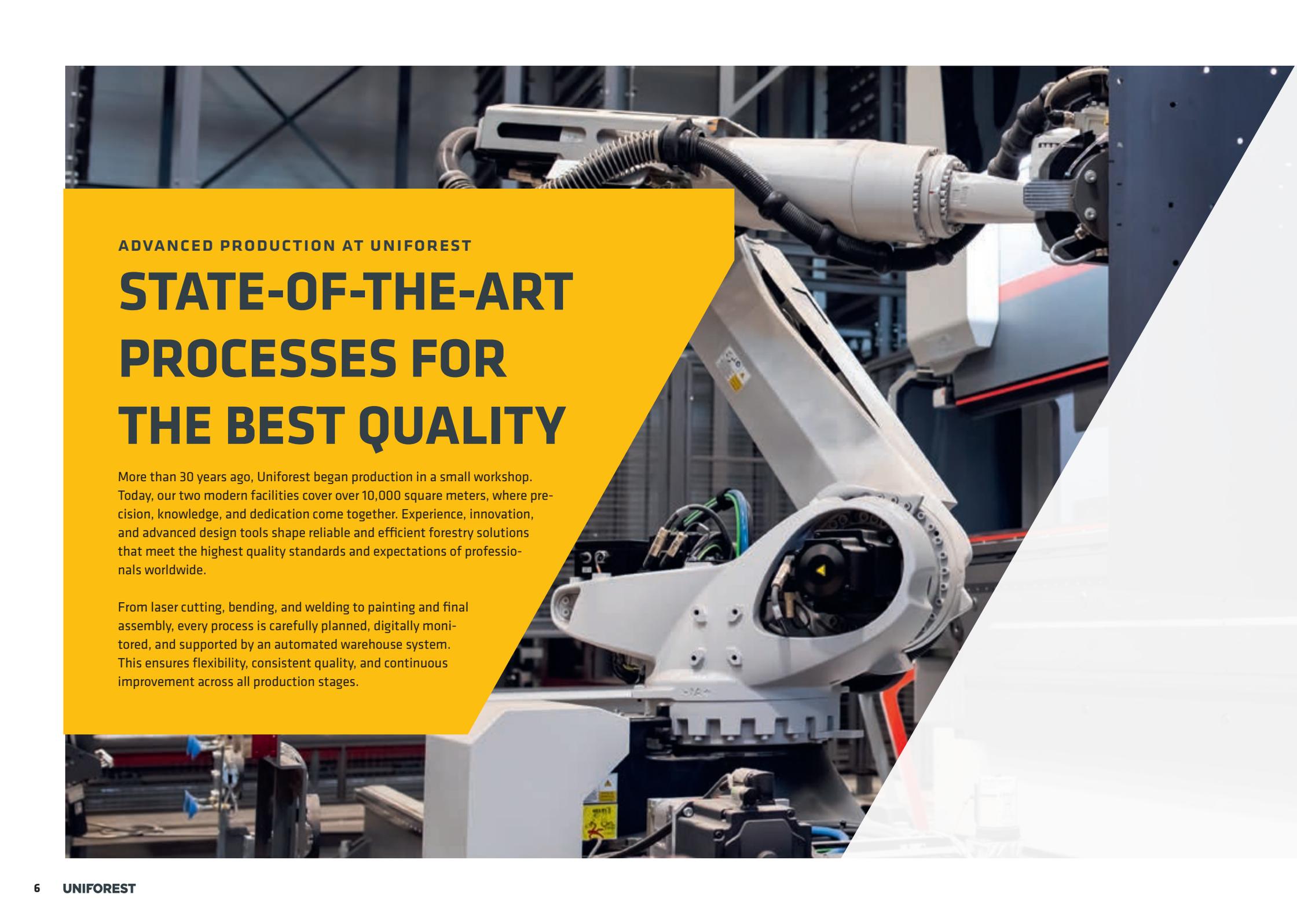


## OUR MISSION AND VISION

We believe that change is a challenge to which we respond by developing innovative, simple, safe, user- and environmentally-friendly solutions. And this is how a top-class firewood processor, log splitter, or billet bundler is ultimately produced.

Safety comes first. We do the right thing: for our customers, for the environment, for society, for people and for the economy.

**Safety first!**  
**Do it right for all!**



ADVANCED PRODUCTION AT UNIFOREST

# STATE-OF-THE-ART PROCESSES FOR THE BEST QUALITY

More than 30 years ago, Uniforest began production in a small workshop. Today, our two modern facilities cover over 10,000 square meters, where precision, knowledge, and dedication come together. Experience, innovation, and advanced design tools shape reliable and efficient forestry solutions that meet the highest quality standards and expectations of professionals worldwide.

From laser cutting, bending, and welding to painting and final assembly, every process is carefully planned, digitally monitored, and supported by an automated warehouse system. This ensures flexibility, consistent quality, and continuous improvement across all production stages.



### **ADVANCED PRODUCTION AT UNIFOREST: STATE-OF-THE-ART PROCESSES FOR THE BEST QUALITY**

In 2009, Uniforest opened its first modern production, upgraded with digital warehouse management, storage systems and a winch assembly line in 2021. Three years later, another technologically advanced facility was built. The new 5,500 m production/storage hall increases production capacity and offers greater vertical integration.



### **INNOVATION BEHIND THE SCENES: THE TECHNOLOGY DEPARTMENT**

Our new production facility also houses our technology department, where a team of development technologists works tirelessly to optimise our laser cutting, bending, and welding processes. This dedicated team is responsible for the continuous improvement of production workflows, ensuring we meet the evolving needs of our customers while maintaining the highest quality standards.



### **CERTIFICATE EN ISO 3834-3 - STANDARD QUALITY REQUIREMENTS FOR FUSION WELDING**

Uniforest has obtained the EN ISO 3834-3 certification for standard quality requirements in fusion welding of metallic materials, issued by the independent certification body TÜV SÜD. This standard defines how welding must be organised and controlled to ensure consistent and traceable weld quality, both in the production facility and in field operations.

More:



# SUSTAIN- ABILITY

In 2020, we formulated a new sustainable business strategy for the period up to 2023 and set targets and indicators for the time-frame, which was to be especially marked by rapid technological development, global climate change, and other development trends.

## SUSTAINABILITY GOALS

- 1** | To remain a leading company that ensures the safety of all users when operating our machines and attachments during outdoor work.
- 2** | To continuously invest in the development of new innovative products, services, processes and business models.
- 3** | To provide adequate onboarding of our product-users to handle the machines in a way to ensure environment protection.
- 4** | To manage the company's assets efficiently and transparently.
- 5** | To control the consumption of energy sources, materials and waste with the help of the informational system.
- 6** | To manage internal processes with a quality management system, while the control of the supplier and cooperants is based on the application for sustainability performance assessment.

### ISO 14001 ENVIRONMENTAL MANAGEMENT AT UNIFOREST

At Uniforest, ecological sustainability is at the core of our actions. With the introduction of the ISO 14001 standard, we have implemented an internationally recognised environmental management system (EMS) that systematically reduces our environmental impact. We set clear environmental targets, continuously optimise processes in the areas of waste, energy, and emissions, and actively promote environmental awareness among our employees. Regular training, internal audits and performance reviews ensure the effectiveness of the system. In this way, we create an efficient and responsible organisation for our community, our industry and our planet.



### ISO 9001 QUALITY MANAGEMENT AT UNIFOREST

For Uniforest, quality is not just a claim but a promise. With ISO 9001 certification, we rely on a proven quality management system (QMS) that places customer satisfaction and continuous improvement at its core.

Through clearly defined processes, measurable quality objectives and systematic risk assessments, we ensure our products and services meet the highest standards. Regular audits, training and feedback mechanisms support a lived quality culture throughout the company. With ISO 9001, we guarantee reliability, efficiency and sustainable development in the interests of our customers and our company.



### ENVIRONMENTALLY FRIENDLY MACHINES



**99 % recyclable materials**



**Biodegradable oils**



**Maximum use of consumed energy**

# THE SMART POWER OF NATURE – UNIFOREST CONNECT APP

In line with the EU directives for Industry 5.0, digitalisation and the green transition!



The analysis was carried out by the Faculty of Mechanical Engineering at the University of Maribor.



Faculty of Mechanical Engineering

Resources :

- [1] Directive 2006/42/EC – Machinery Safety, Link: <https://eur-lex.europa.eu/legalcontent/SL/TXT/?uri=CELEX%3A32006L0042>, accessed on 17.3.2025.
- [2] EU Industrial Strategy – Digitalisation of Industry, Link: [https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/europe-fit-digitalage/shaping-europes-digital-future\\_en](https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/europe-fit-digitalage/shaping-europes-digital-future_en), accessed on 18.3.2025
- [3] EU Guidelines for Industrial Research and Innovation, Link: [https://research-andinnovation.ec.europa.eu/research-area/industrial-research-and-innovation\\_en](https://research-andinnovation.ec.europa.eu/research-area/industrial-research-and-innovation_en), accessed on 18.3.2025
- [4] Directive 89/391/EEC on Safety and Health of Workers at Work, Link: <https://eur-lex.europa.eu/legal-content/SL/TXT/?uri=CELEX%3A31989L0391>, accessed on 19.3.2025





## 1. CONNECTIVITY AND INTELLIGENT MAINTENANCE

Uniforest machines are connected to the **central Uniforest database** via the **Uniforest Connect mobile app**, which enables **tracking of maintenance cycles, predictive maintenance and timely notification of service centres**. Thanks to this technology, **spare parts** are always available and the work process remains smooth.

**Industry 4.0 in practice** – integration of IoT and data analytics.

**Reference to the EU Directive:** Directive 2006/42/EC – Safety of machinery.



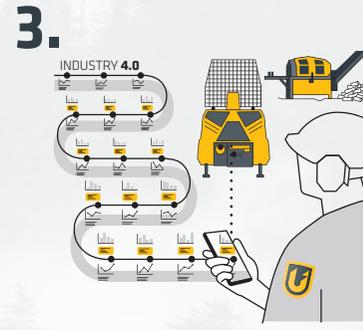
## 2. REAL-TIME DIAGNOSTICS AND REMOTE CONTROL

**Solutions within reach – anywhere and at any time!**

With advanced **remote machine diagnostics** and a response time of **0.3 seconds**, operators and technicians can **monitor machine loads live, check input signals and quickly rectify faults**.

**Industry 4.0** – advanced machine monitoring.

**EU strategy reference:** EU industrial strategy – digitalisation of industry.



## 3. TRACEABILITY AND SAFETY OF MACHINERY

**All machine information in one place!**

Every Uniforest machine is **traceable by a serial number** stored in the electronics and displayed on the declaration plate. The service history is always available, giving a **complete overview of past interventions and future maintenance**.

**Industry 4.0** – transparency and smart data management.

**EU guidelines reference:** EU guidelines for industrial research and innovation.



## 4. ERGONOMIC DESIGN ACCORDING TO EU STANDARDS

**Less effort, more safety!**

Uniforest machines are designed following EU ergonomic guidelines, including the ISO 12100 standard, which reduces operator fatigue and improves the working environment. Personalized control systems and user-friendly applications allow **easy operation in multiple languages**.

**Industry 5.0** – focusing on people and a safe working environment.

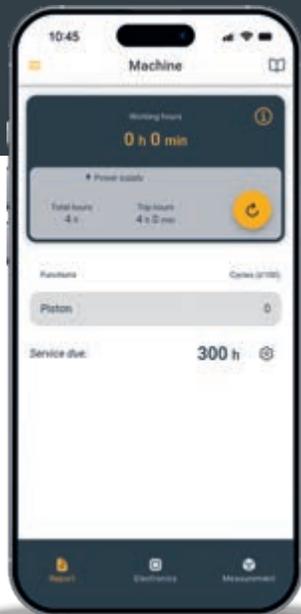
**Reference to the EU Directive:** EU Directive 89/391/EEC on health and safety at work.

# UNIFOREST CONNECT

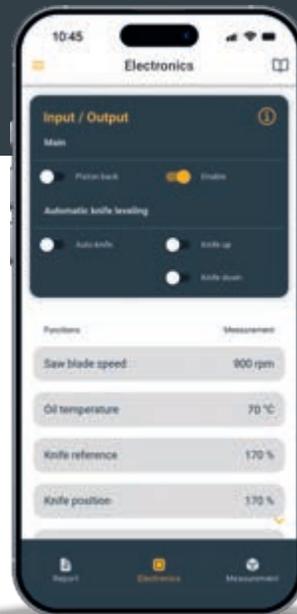
## FOR FIREWOOD PROCESSORS

With the Uniforest Connect App, you can track operating hours, maintain a digital maintenance log with reminders for regular servicing, monitor electronic system voltage, check input and output signals, and monitor the saw blade speed. Regular machine maintenance helps extend its service life, reduces the risk of sudden failures, and ensures reliable and safe operation under all conditions.

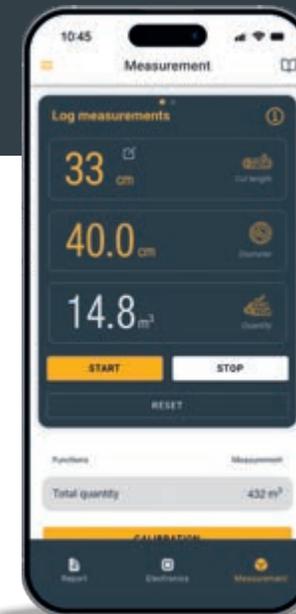
Depending on the TITAN firewood processor model, additional features are available, such as oil temperature monitoring, splitting-knife position display during automatic setting, measurement of wood volume, and the number of splitting cycles. The app thus provides a comprehensive overview of the machine's operation and enables better optimisation of work processes.



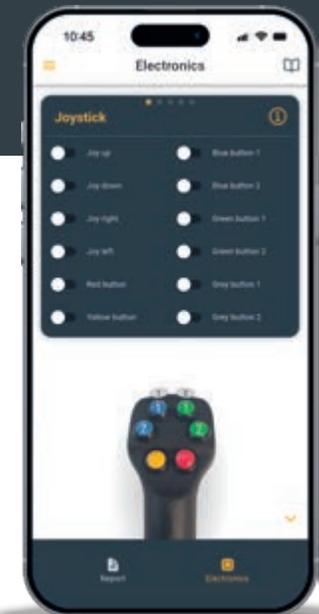
Machine



Electronics  
inputs/outputs



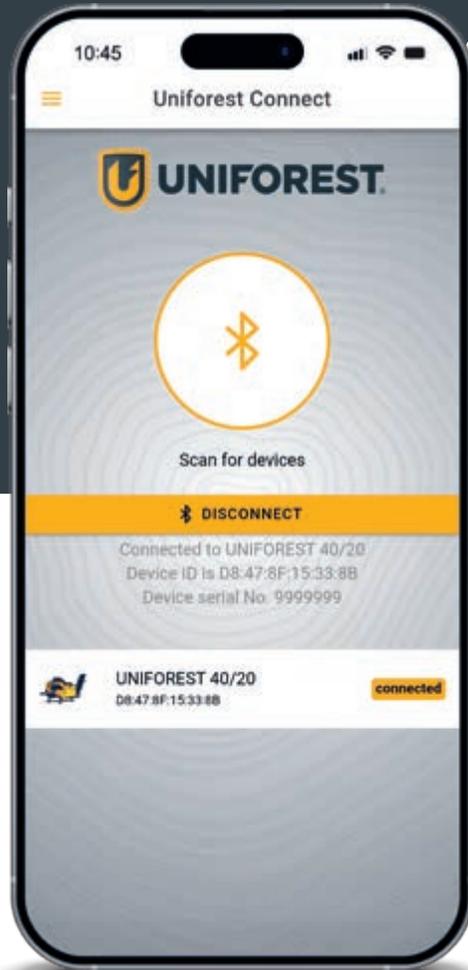
Temperature, speed,  
voltage



Joystick

## COMPATIBLE WITH:

- ▶ TITAN 40/20
- ▶ TITAN 43/20J



# UNICATOR

How much firewood does one split/log/log trailer yield? You can now find out during firewood processing by installing the Unicator firewood calculator. The advanced log measuring device is compatible with a wide range of firewood processors.

- ▶ Simple setup
- ▶ Real-time measurements
- ▶ Insight into the recent history
- ▶ User friendly
- ▶ Suitable for every firewood processor



# TITAN firewood processors with equipment

Firewood processing becomes simple with the complete system of modern, user-friendly forestry machines. The different TITAN firewood processors are designed to meet your needs. By combining them with complementary log decks, SEPARATORS, extraction devices, and sawdust collectors, both professional and occasional users can create a complete set-up that optimizes firewood preparation from sawing to splitting.

## TITAN 53/40

E | CD TR | CD+E TR

## TITAN 40/20

CD | CD UNIFORCE | CD TR | CD TR UNIFORCE | CD+E | CD+E UNIFORCE | CD+E TR | CD+E TR UNIFORCE

## TITAN 43/20J

CD | E | CD+E

## TITAN 43/20

CD | E | CD+E

## LOG DECKS

DM2000/2 | DM4000/2 | DM4000/2TR | DM4000/3 | DM4000/3TR | VM4

## SEPARATOR

E | ECR | HC

## EXTRACTION DEVICES

OE 1.1 pro | OE 3 pro | OH pro | OH 3 pro

## SAWDUST COLLECTORS

C180 | C1000 | C1000/4





## FIREWOOD PROCESSOR

# TITAN 53/40

The TITAN 53/40 represents a highly productive professional firewood processor. Higher productivity and easier work are ensured by the larger diameter of Widia saw, 400 kN of splitting force and a hydraulically adjustable multilevel splitting knife.

- ▶ Hydraulically driven Widia circular saw for cutting logs with diameters up to 53 cm.
- ▶ Splitting force of 400 kN (40 tonnes) for cutting hardwood.
- ▶ BOOMSPEED function with two cylinders for shorter splitting cycles.
- ▶ One hydraulically adjustable multilevel splitting knife.
- ▶ Integrated low platform for easier access to the control panel.
- ▶ Built-in hydraulically foldable feed-in table with aggressive feed-in rollers.
- ▶ Optional: Air brake

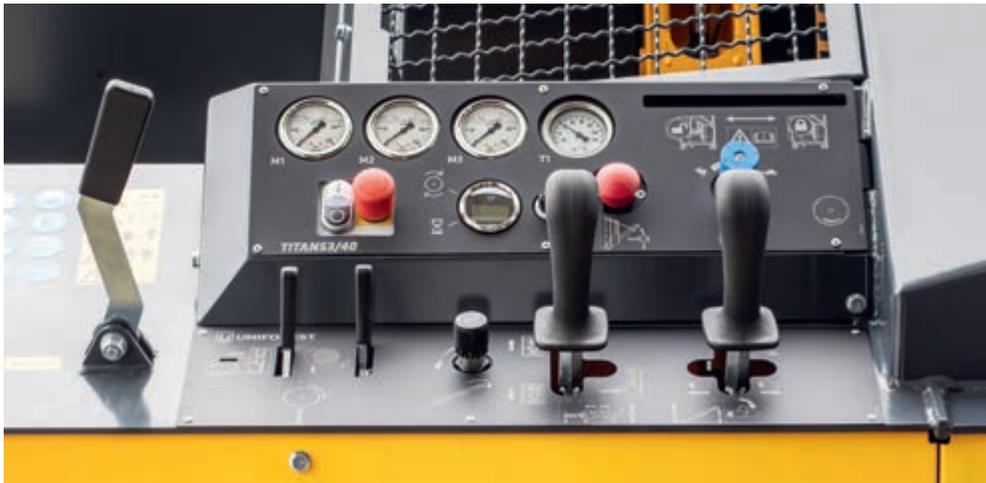
 **25–60 cm**  
Log length

 **ø 53 cm**  
Max. log diameter

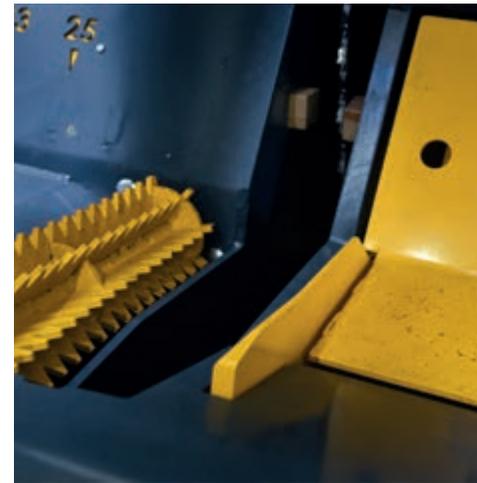
 **40 t**  
Splitting force



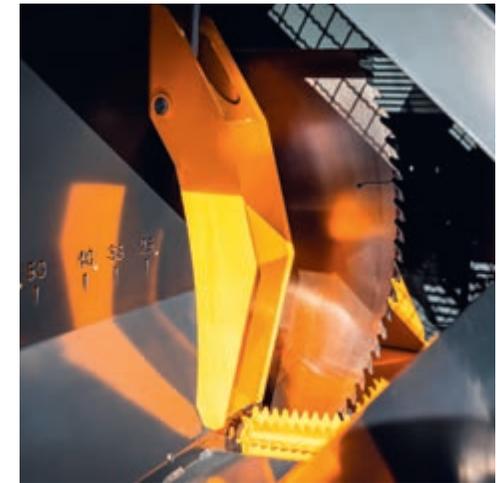
**GERMAN  
DESIGN  
AWARD  
SPECIAL  
2023**



Mechanical control with ergonomically positioned handles



Auxiliary flap



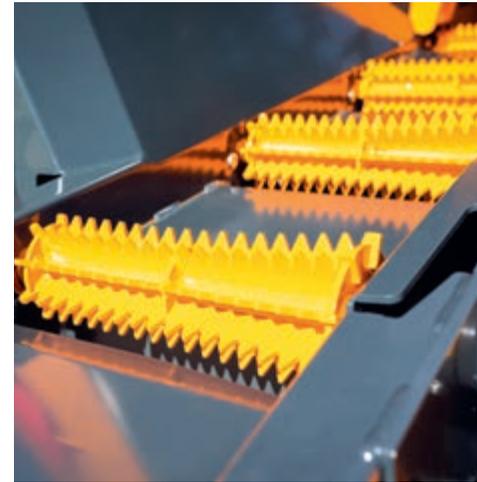
The 130 cm wide Widia saw cuts logs up to 53 cm in diameter.



Ergonomic operation of the firewood processor from the low platform with an additional step for easy access.



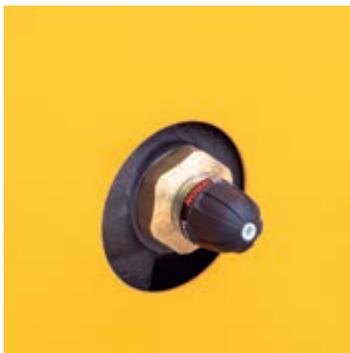
Value on the splitting knife scale helps you set the optimal number of splitting parts for the diameter of the processed log.



Adjustable hydraulic transport rollers



The hydraulic clamp holds the log in place during cutting.



Filter and oil clogging indicator



Log diameter display



Built-in hydraulically adjustable feed-in table



BOOMSPEED as standard equipment



Foldable protective shield for circular saw



Splitting length: 25, 33, 40, 50, 60 cm



Uniform 2/4/8/18-way splitting knife

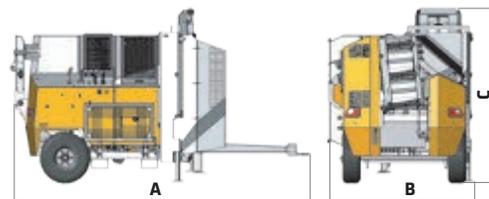


Drive options: Electric motor, power take-off shaft, or a combination of both



Handle for half stroke of the splitting cylinder





Model	E	CD TR	CD+E TR
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#### Technical data

Drive		Electric motor	PTO shaft	PTO shaft/Electric motor
Max. cutting diameter	cm	53	53	53
Splitting force	kN/t	400/40	400/40	400/40
Log length	cm	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60
Saw blade diameter	mm	1300	1300	1300
Electric motor	kW	15+15	-	15+15
Recommended min. tractor power for drive	kW/HP	-	50/65	50/65
PTO speed	min <sup>-1</sup>	-	420-460	420-460
Operation		Mechanical-hydraulic	Mechanical-hydraulic	Mechanical-hydraulic
Oil capacity	l	230	230	230
Width of the conveyor belt	mm	600	600	600
Length of the conveyor belt	m	5	5	5
Driven in-feed rollers height	mm	1250	1250	1250
Driven in-feed rollers length	mm	2000	2000	2000
Width (A)	mm	3300	4630	4630
Depth (B)	mm	2270	2270	2270
Height (C)	mm	2700	2700	2700
Weight	kg	3700	3750	4200

#### Additional equipment

Multilevel splitting knife*		•	•	•
Oil cooler		•	•	•
Oil heater		o	/	o
BOOMSPEED		•	•	•
Speed control for conveyor belt		•	•	•
Hydraulically adjustable conveyor belt		o	o	o
Foldable hydraulic feed table		•	•	•
Extraction devices		o	o	o
Separator		o	o	o
Light and safety signs		/	•	•

• - Standard, o - Option, / - Not possible, TR - Chassis, \*Splitting knife options: 2/4/8, 2/4/6/12, 2/4/8/18, or 2/4/12/20

## FIREWOOD PROCESSOR

# TITAN 40/20

The **TITAN 40/20** with mechanical-hydraulic control is designed for professionals who expect more: more performance, more safety, and more control. Equipped with the **BOOMSPEED** function and ready to connect to the Uniforest Connect app, the **TITAN 40/20** enables safe, efficient, user- and nature-friendly firewood production.

- ▶ Cuts with a WIDIA circular saw
- ▶ ECO-FRIENDLY
- ▶ Transport rollers
- ▶ Mechanical-hydraulic control
- ▶ Easy maintenance with low costs
- ▶ **BOOMSPEED** shortens the splitting cycle
- ▶ Hydraulically adjustable feed-in table
- ▶ Uniforest Connect App

 **25-60 cm**  
Log length

 **ø 40 cm**  
Max. log diameter

 **20 t**  
Splitting force

## UNIFOREST CONNECT

Active machine diagnostics in real time





**Hydraulically adjustable height of the splitting knife**

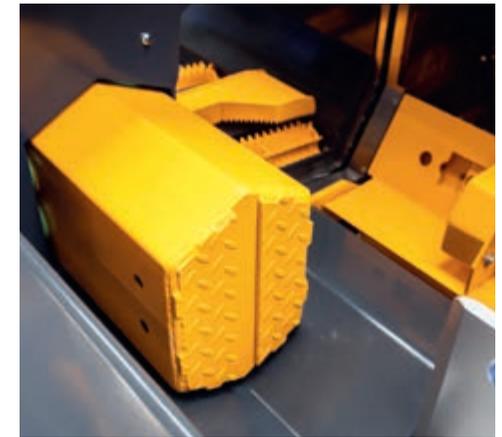
Standard: 2/4-, 2/6- or 2/8-way knife  
 Option: 2/12-way and additional knives



Mechanical control with ergonomically positioned handles



The carbide saw blade, thanks to its resilience and the shape of the teeth, can cut through a log in a very short time. The movement of the circular saw, including the adjustment of the cutting speed, is hydraulically controlled. The circular saw requires no lubrication with oil which could be dispersed in the environment, so there is no risk of environmental pollution. Cutting and splitting wood waste can therefore be easily processed further.



**BOOMSPEED**

Double-piston cylinders for two movement speeds: the working speed is utilised for normal splitting of resistant wood, but for less resistance or the "free run" of the cylinder, its speed is increased. This way, the splitting cycle can be shortened by up to 40 % which also contributes to higher efficiency.



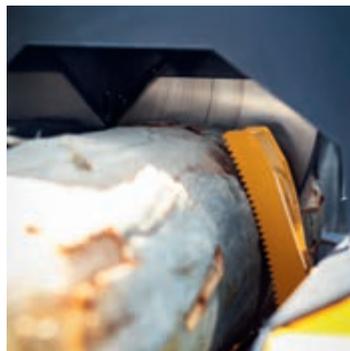
The electric motor and the PTO shaft connection are mounted in such a way that the cover plate prevents simultaneous connection. The optimum positioning of the drives makes it easy to upgrade models with an electric motor to a combination.



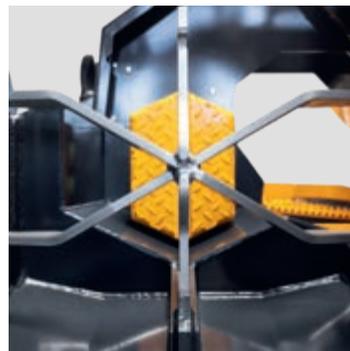
Built-in hydraulically adjustable feed-in table



Adjustable hydraulic transport rollers



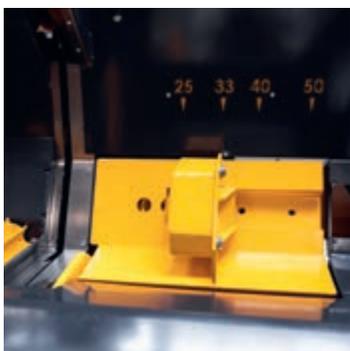
Hydraulic clamp holds log during cutting.



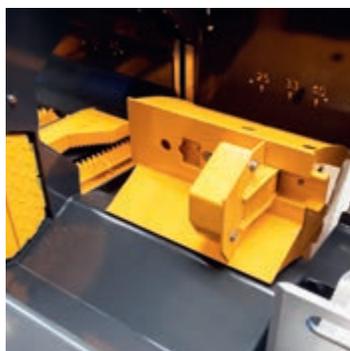
Hydraulically adjustable height of the splitting knife.



Adjustment of the conveyor belt (L/R  $\pm 15^\circ$ )



Wood length 25, 33, 40, 50 and 60 cm.



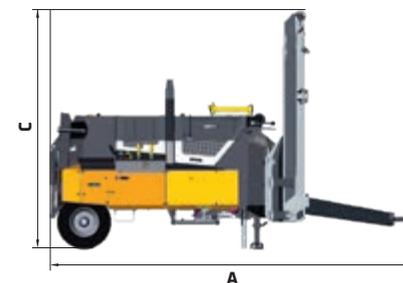
Hydraulic feeder



Handle for half stroke of the splitting cylinder



Oil cooler



Mechanical winch for tilt adjustment of the conveyor belt



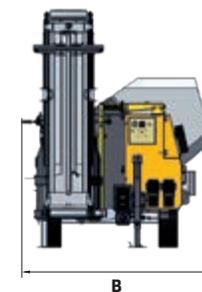
The linkage can be mounted at two different heights: 340 mm and 800 mm.



Equipment for road safety



Hydraulic log lifting table - adjustable for timber up to 4000 mm.



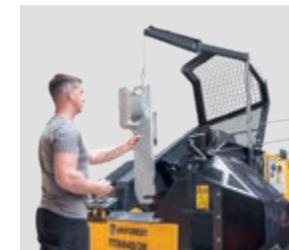
Model		CD	CD UNIFORCE	CD TR	CD TR UNIFORCE	CD+E	CD+E UNIFORCE	CD+E TR	CD+E TR UNIFORCE
<b>Technical data</b>									
Drive		PTO shaft	PTO shaft	PTO shaft	PTO shaft	PTO shaft/ Electric motor	PTO shaft/ Electric motor	PTO shaft/ Electric motor	PTO shaft/ Electric motor
Max. cutting diameter	cm	40	40	40	40	40	40	40	40
Splitting force	kN/t	200/20	200/20	200/20	200/20	200/20	200/20	200/20	200/20
Cutting length	cm	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60				
Saw blade diameter	mm	1000	1000	1000	1000	1000	1000	1000	1000
Electric motor	kW	-	-	-	-	15	15	15	15
Recommended min. tractor power for drive	kW/HP	35/45	35/45	35/45	35/45	35/45	35/45	35/45	35/45
Recommended min. tractor power for transport	kW/HP	70/95	70/95	35/45	35/45	70/95	70/95	35/45	35/45
PTO speed (from-to)	min <sup>-1</sup>	420-490	420-490	420-490	420-490	420-490	420-490	420-490	420-490
Linkage category		II	II	II	II	II	II	II	II
Operation		mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic
Oil capacity	l	105	105	105	105	105	105	105	105
Adjustment of the conveyor belt	°	15	15	15	15	15	15	15	15
Width of the conveyor belt	mm	420	420	420	420	420	420	420	420
Length of the conveyor belt	m	5	5	5	5	5	5	5	5
Driven in-feed rollers height	mm	720	720	720	720	720	720	720	720
Driven in-feed rollers length	mm	2000	2000	2000	2000	2000	2000	2000	2000
Width (A)	mm	2950	2950	4230	4230	2950	2950	4230	4230
Depth (B)	mm	2050	2050	2050	2050	2050	2050	2050	2050
Height (C)	mm	2700	2700	2700	2700	2700	2700	2700	2700
Weight	kg	2050	2100	2100	2150	2200	2250	2250	2300
<b>Additional equipment</b>									
2/4-way splitting knife		•*	•*	•*	•*	•*	•*	•*	•*
2/6-way splitting knife		•*	•*	•*	•*	•*	•*	•*	•*
2/8-way splitting knife		•*	•*	•*	•*	•*	•*	•*	•*
2/12-way splitting knife		○	○	○	○	○	○	○	○
BÖOMSPEED		•	•	•	•	•	•	•	•
Oil cooler		•	•	•	•	•	•	•	•
Adjustment of the conveyor belt		•	•	•	•	•	•	•	•
Half stroke of the splitting cylinder		•	•	•	•	•	•	•	•
Hydraulically adjustable inclination of the conveyor belt		•	•	•	•	•	•	•	•
Hydraulically adjustable feed-in table		•	•	•	•	•	•	•	•
Pickaxe holder		•	•	•	•	•	•	•	•
Holder for small pickaxe		•	•	•	•	•	•	•	•
Light and safety signs		/	/	•	•	/	/	•	•
Uniforest Connect (basic)		•	•	•	•	•	•	•	•
Uniforest Connect (full)		/	•	/	•	/	•	/	•
Alignment flap for the last log		/	•	/	•	/	•	/	•
Automatic knife height adjustment		/	•	/	•	/	•	/	•
Splitting knife lifting mechanism		/	•	/	•	/	•	/	•
Light in the splitting part of the machine		/	•	/	•	/	•	/	•
Knife holder for working position		/	•	/	•	/	•	/	•
Knife holder for transport position		○	•	○	•	○	•	○	•
Oil heater		/	/	/	/	○	○	○	○
Separator		○	○	○	○	○	○	○	○

• - Standard, ○ - Option, / - Not possible, \* Choose one knife as standard equipment; additional knives are optional, TR - Chassis

## UNIFORCE PACKAGE

### UNIFORCE: ULTIMATE EQUIPMENT PACKAGE FOR EVEN HIGHER EFFICIENCY

Fully equipped models of TITAN 40/20 include all key features for even more efficient and safer firewood production. Most functions are only available as a package. Details can be found in the Additional equipment table.



Splitting knife lifting mechanism



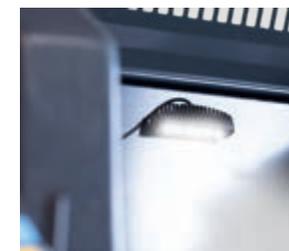
Alignment flap for the last log



Automatic height adjustment of the knife according to log diameter



Uniforest Connect app (full functionality with log measurement)



Light in the splitting part of the machine



Knife holder for working position and transport position

## FIREWOOD PROCESSOR

# TITAN 43/20J

The **TITAN 43/20J** firewood processor cuts logs with a strong and durable harvester chainsaw bar. It features easy operation with joystick. The drive is possible via PTO, electric motor or a combination of both.

- ▶ Cuts with a robust and powerful harvester chainsaw bar
- ▶ Operated with an electronic control lever (joystick)
- ▶ Compact and ergonomic

 **25–50 cm**  
Log length

 **ø 43 cm**  
Max. log diameter

 **20 t**  
Splitting force

## UNIFOREST CONNECT

Active machine diagnostics in real time



TITAN 43/20J CD+E



Hydraulically adjustable height of the splitting knife



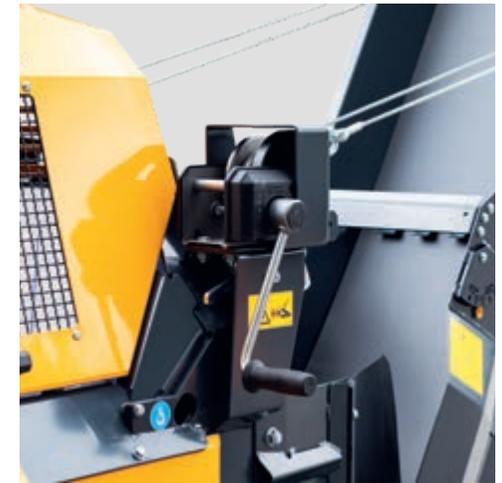
Simple adjustment of the cutting length via a movable sensor



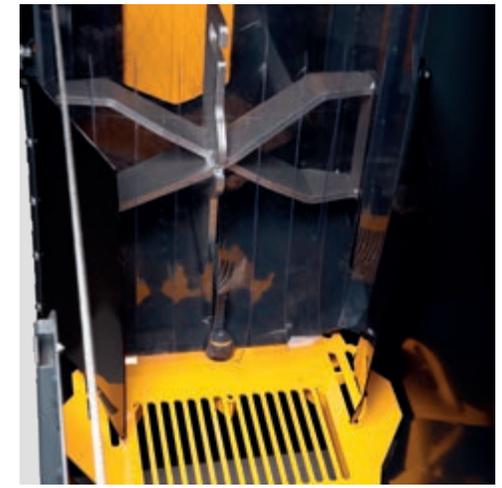
1. Activation with an electric motor drive
2. Speed control for conveyor belt
3. Emergency stop
4. Optional deactivation switch for the retaining plate
5. On/off and reverse movement adjustment of the conveyor belt
6. Setting the partial stroke of the splitting cylinder and the time delay of the splitting process
7. Indicator light for proper operation of the machine
8. Electronic control handle – joystick



Centralised lubrication of moving parts



Mechanical winch for tilt adjustment



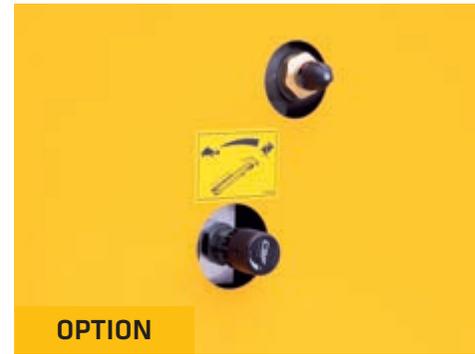
Separates smaller pieces that are produced as a side effect of cutting and splitting.



The holding flap prevents the logs from tipping over in the splitting channel



Setting the conveyor belt movement position L/R  $\pm 15$  degrees

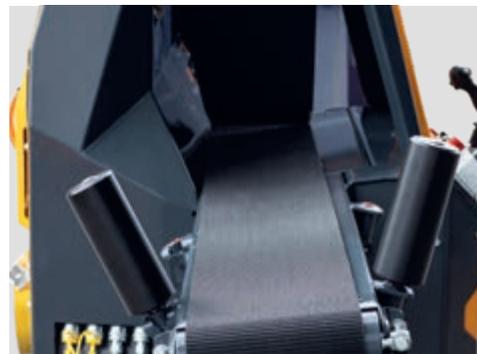


**OPTION**

Speed regulation of the conveyor belt



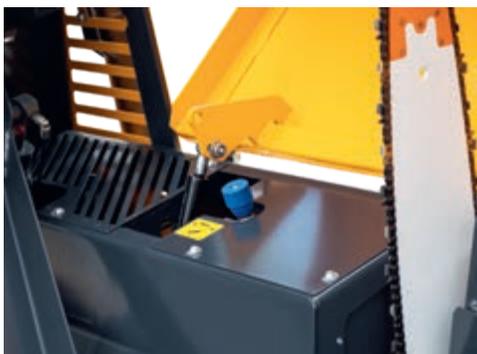
Durable and powerful harvester chainsaw bar



Feed-in conveyor



Flaps for easier cleaning of the machine



Throttle for adjusting the cutting speed of the blade



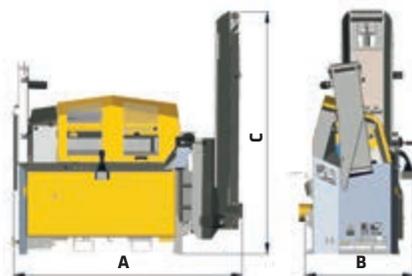
Hydraulic log stabiliser



**OPTION**

Foldable log deck LT650





Model		CD	E	CD+E
<b>Technical data</b>				
Drive		PTO shaft	Electric motor	PTO shaft/Electric motor
Max. cutting diameter	cm	43	43	43
Splitting force	kN/t	200/20	200/20	200/20
Log length	cm	25, 33, 40, 50	25, 33, 40, 50	25, 33, 40, 50
Electric motor	kW	-	15	15
Recommended min. tractor power for drive	kW/HP	30/40	-	30/40
Recommended min. tractor power for transport	kW/HP	60/80	60/80	60/80
PTO speed (from-to)	min <sup>-1</sup>	420-460	420-460	420-460
Linkage category		II	II	II
Operation		Electrohydraulic (joystick)	Electrohydraulic (joystick)	Electrohydraulic (joystick)
Oil capacity	l	100	100	100
Adjustment of the conveyor belt (L/R)	°	15	15	15
Width of the conveyor belt	mm	420	420	420
Length of the conveyor belt	m	5	5	5
Height of the infeed conveyor	mm	965	965	965
Length of the infeed conveyor	mm	2000	2000	2000
Width (A)	mm	2550	2580	2580
Depth (B)	mm	1280	1280	1280
Height (C)	mm	2650	2650	2650
Weight	kg	1220	1270	1285
<b>Additional equipment</b>				
Cast iron pump		•	•	•
2/4-way splitting knife		•*	•*	•*
2/6-way splitting knife		•*	•*	•*
2/8-way splitting knife		•*	•*	•*
2/12-way splitting knife		○	○	○
UNIFOREST CONNECT		•	•	•
Oil cooler		•	•	•
Oil heater		/	○	○
Speed control for conveyor belt		○	○	○
Hydraulic adjustment of the conveyor belt		•	•	•
LT650 foldable lifting table		○	○	○
Separator		○	○	○

• - Standard, ○ - Option, / - Not possible, \*Choose one knife as standard equipment; additional knives are optional.

## FIREWOOD PROCESSOR

# TITAN 43/20

The **TITAN 43/20** firewood processor cuts the log with a strong and durable harvester chainsaw bar. The control system is completely mechanical. The drive is possible via PTO, electric motor or a combination of both.

- ▶ Cuts with a robust and powerful harvester chainsaw bar
- ▶ Compact and ergonomic



**25–50 cm**  
Log length



**ø 43 cm**  
Max. log diameter



**20 t**  
Splitting force



TITAN 43/20 CD



Handle for log movement on the log deck



Mechanical adjustment of the conveyor belt position L/R  $\pm 15^\circ$



Slide protection for oil cooler



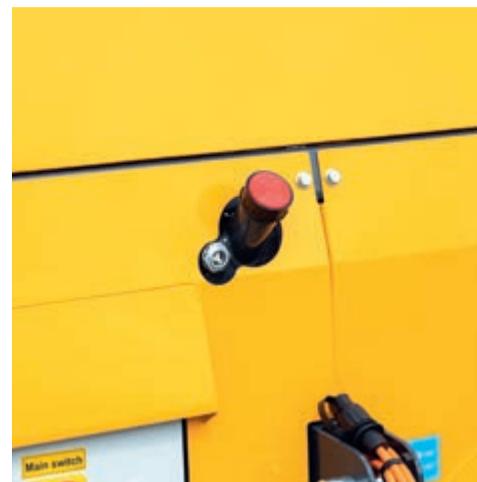
Mechanical winch for tensioning the conveyor belt



The holding flap prevents the logs from tipping over in the splitting channel



Mechanical winch for tilt adjustment



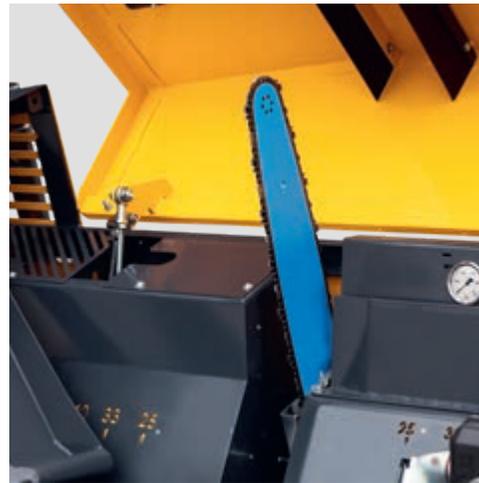
Oil tank for automatic chain lubrication with an oil level indicator



Splitting knife height adjustment handle.



Splitting length 25, 33, 40 and 50 cm



A robust and harvester harvest chainsaw bar



Handle for optional deactivation of the holding flap



Hydraulic log stabiliser



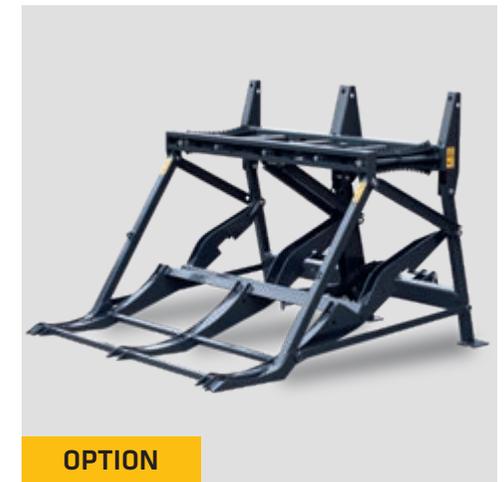
Handle of the grabs for fixing the trunk



Chainsaw activation handle

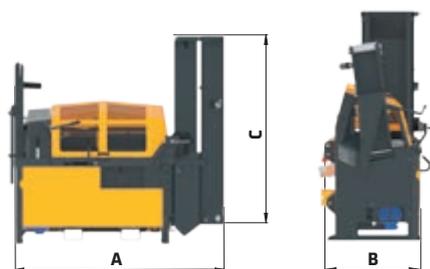


Feed-in conveyor



**OPTION**

LT650 foldable lifting table

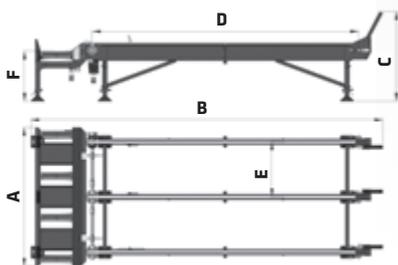


Model		CD	E	CD+E
<b>Technical data</b>				
Drive		PTO shaft	Electric motor	PTO shaft/Electric motor
Max. cutting diameter	cm	43	43	43
Splitting force	kN/t	200/20	200/20	200/20
Log length	cm	25, 33, 40, 50	25, 33, 40, 50	25, 33, 40, 50
Electric motor	kW	-	15	15
Recommended min. tractor power for drive	kW/HP	30/40	-	30/40
Recommended min. tractor power for transport	kW/HP	60/80	60/80	60/80
PTO speed (from-to)	min <sup>-1</sup>	420-460	420-460	420-460
Linkage category		II	II	II
Operation		Mechanical	Mechanical	Mechanical
Oil capacity	l	100	100	100
Adjustment of the conveyor belt (L/R)	°	15	15	15
Width of the conveyor belt	mm	420	420	420
Length of the conveyor belt	m	5	5	5
Height of the lifting table	mm	965	965	965
Length of the lifting table	mm	2000	2000	2000
Width (A)	mm	2550	2580	2580
Depth (B)	mm	1280	1280	1280
Height (C)	mm	2650	2650	2650
Weight	kg	1220	1250	1265
<b>Additional equipment</b>				
Cast iron pump		•	•	•
2/4-way splitting knife		•*	•*	•*
2/6-way splitting knife		•*	•*	•*
2/8-way splitting knife		•*	•*	•*
2/12-way splitting knife		○	○	○
Oil cooler		○	○	○
Oil heater		/	○	○
LT650 foldable lifting table		○	○	○
Separator		○	○	○

• - Standard, ○ - Option, / - Not possible, \*Choose one knife as standard equipment; additional knives are optional.

# LOG DECK

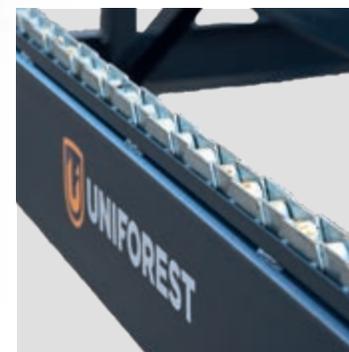
The log decks roll the logs with a chain and spiked rollers. They can be two or four metres long.



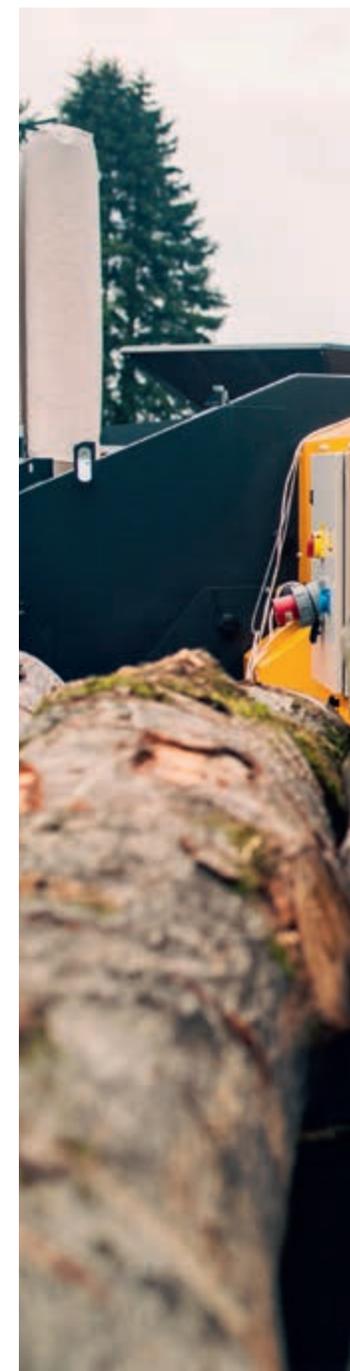
DM4000/3 log deck with three chains.



Hydraulic transport rollers



Log-feeding chain



Model		DM 2000/2	DM 4000/2	DM 4000/3	DM 4000/2 TR L	DM 4000/3 TR L	DM 4000/2 TR H	DM 4000/3 TR H
<b>Technical data</b>								
Number of chains	Pcs	2	2	3	2	3	2	3
Transport roller	Pcs	4	4	4	4	4	4	4
Load capacity	m³	3	6	6	6	6	6	6
Operation		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Max. working pressure	MPa/bar	19/190	19/190	19/190	19/190	19/190	19/190	19/190
Width (A)	mm	2015	2015	2015	2015	2015	2015	2015
Width (E)	mm	1600	1600	800	1600	800	1600	800
Length (B)	mm	3280	5130	5130	5130	5130	5130	5130
Length (D)	mm	2000	4000	4000	4000	4000	4000	4000
Height (C)	mm	1270-1860	1270-1860	1270-1860	1270-1600	1270-1600	1500-1860	1500-1860
Height (F)	mm	700-1290	700-1290	700-1290	700-1050	700-1050	950-1290	950-1290
Weight	kg	500	750	994	970	1170	1000	1210
<b>Additional equipment</b>								
Height-adjustable log deck		•	•	•	•	•	•	•
Light and safety signs		/	/	/	•	•	•	•

• - Standard, o - Option, / - Not possible, TR - Chassis



Adjustable height



## VM4 log deck

The logs are loaded with spiked rollers – rolling instead of sliding logs.



VM4 log deck

Model	VM4	
-------	-----	--

#### Technical data

Transport roller	Pcs	4
Load capacity	m <sup>3</sup>	1,5
Operation		Hydraulic
Max. working pressure	MPa/bar	19/190
Width (A)	mm	2015
Length (B)	mm	747
Height (C)	mm	870-1460
Height (F)	mm	700-1290
Weight	kg	262

#### Additional equipment

Height-adjustable log deck	•
Three-point linkage II, III	○

• - Standard, ○ - Option, / - Not possible



# SEPARATOR

The Separator is designed for professional use together with TITAN firewood processors, but can also be used with other manufacturers' firewood producing machines.

## Standard:

- ▶ Customisable height
- ▶ Screen tilt option up to 10 degrees
- ▶ Conveyor belt with high load capacity (ECR/HC model)

## Option:

- ▶ Loading sink
- ▶ Control console 10 m (E model)



SEPARATOR ECR



EC and ECR models are driven by an electric motor, while the HC model is driven by the hydraulic motor. The E model is controlled via a control box (a mobile console with a 10 m cable is available as an accessory), the ECR/HC model is controlled via a control box and a Tele Radio remote control (option).



Electric (remote) control of conveyor belt speed



Manual winch to adjust belt tilt from 0 to 40 degrees



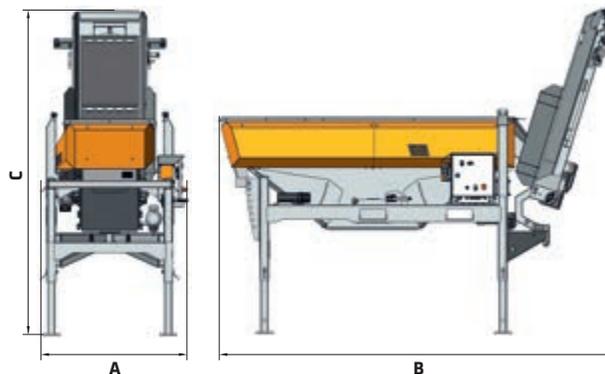
Screen with rollers



Remote control of the conveyor belt speed and swivelling for the ECR/HC model



Adjustable sink for wood waste



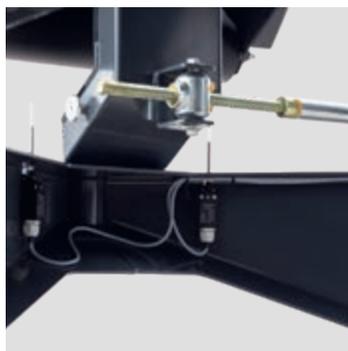
Holding flap



Mechanism for extending and retracting the conveyor belt



Height adjustment and screen tilt option up to 10 degrees



Belt offset mechanism with limiter

Model		SEPARATOR E	SEPARATOR ECR	SEPARATOR HC
<b>Technical data</b>				
Drive		Electric motor	Electric motor	Hydraulic motor
Rollers motor power	kW	2,2	2,2	-
Transporter motor power	kW	-	1,5	-
Conveyor belt tilt motor power	kW	-	0,75	-
Required hydraulic oil flow	l/min	-	-	20
Maximum hydraulic oil flow	l/min	-	-	80
Screen width	mm	850	850	850
Screen length	mm	2700	2700	2700
Screen inclination	°	0-10	0-10	0 - 10
Rollers speed	min	30-80	30-80	30-80
Roller	Pcs	11	11	11
Conveyor belt offset left-right	(L/R) °	-	20	20
Width of the conveyor belt	mm	-	600	600
Length of the conveyor belt	m	-	3	3
Width (A)	mm	1290	1370	1370
Depth (B)	mm	3140	3790	3790
Height (C)	mm	1570-2820	2620-3870	2620 - 3870
Weight	kg	955	1530	1505
<b>Additional equipment</b>				
Remote control		/	●	○
Height regulation (1250 mm)		●	●	●
Conveyor belt		/	●	●
Remote-controlled electric tilt of conveyor belt		/	●	●
Speed control for conveyor belt		/	●	●
Loading sink 2400 x2400 mm		○	○	○
Control console 10 m		○	/	/

● - Standard, ○ - Option, / - Not possible

## Sawdust collectors

When using an extraction device, the sawdust collector stores the sawdust generated by sawing with our firewood processors.



C1000

C1000/4

Model		C180	C1000	C1000/4
<b>Technical data</b>				
Volume	l	180	1000	1000
Number of sacks	Pcs	4	2	2
Diameter of the suction tube	mm	120	200	200
Width	mm	550	1250	1250
Length	mm	550	1070	1070
Working position - height	mm	2650	3250	3630
Transport position - height	mm	1630	1700	1700
Weight	kg	30	45	62
<b>Additional equipment</b>				
Wheels for easier transport		•	•	•

• - Standard, ○ - Option, / - Not possible

## Extraction devices

The extraction devices enable the sawdust to be removed immediately and easily after cutting.



OE 1.1 pro

OE 3 pro

Model		OE 1.1 pro	OE 3 pro	OH pro	OH 3 pro
<b>Technical data</b>					
Drive		Electric motor	Electric motor	Hydraulic motor	Hydraulic motor
Revolutions max.	min <sup>-1</sup>	2860	2860	2860	2860
Electric motor	kW	1,1	3	-	-
Required hydraulic oil flow	l/min	-	-	20	20
Max. hydraulic oil flow rate	l/min	-	-	80	80
Air flow	m <sup>3</sup> /h	1700	5000	1700	5000
Type of protection		IP 54	IP 54	-	-
Diameter and length of the suction hose	mm/m	140/2	-	140/2	-
Diameter and length of the pressure hose (outlet)	mm/m	120/5	-	120/5	-
Diameter and length of the pressure hose (outlet)	mm/m	-	200/10	-	200/10
Width (A)	mm	650	605	650	605
Depth (B)	mm	460	560	465	560
Height (C)	mm	1030	880	1030	880
Weight	kg	44,5	72,6	42,6	70

### Additional equipment

Wheels for easier transport

• - Standard, ○ - Option, / - Not possible

# PTO shafts

We offer a selection of PTO shafts for forestry machines with PTO drive.



## WALTERSCHEID

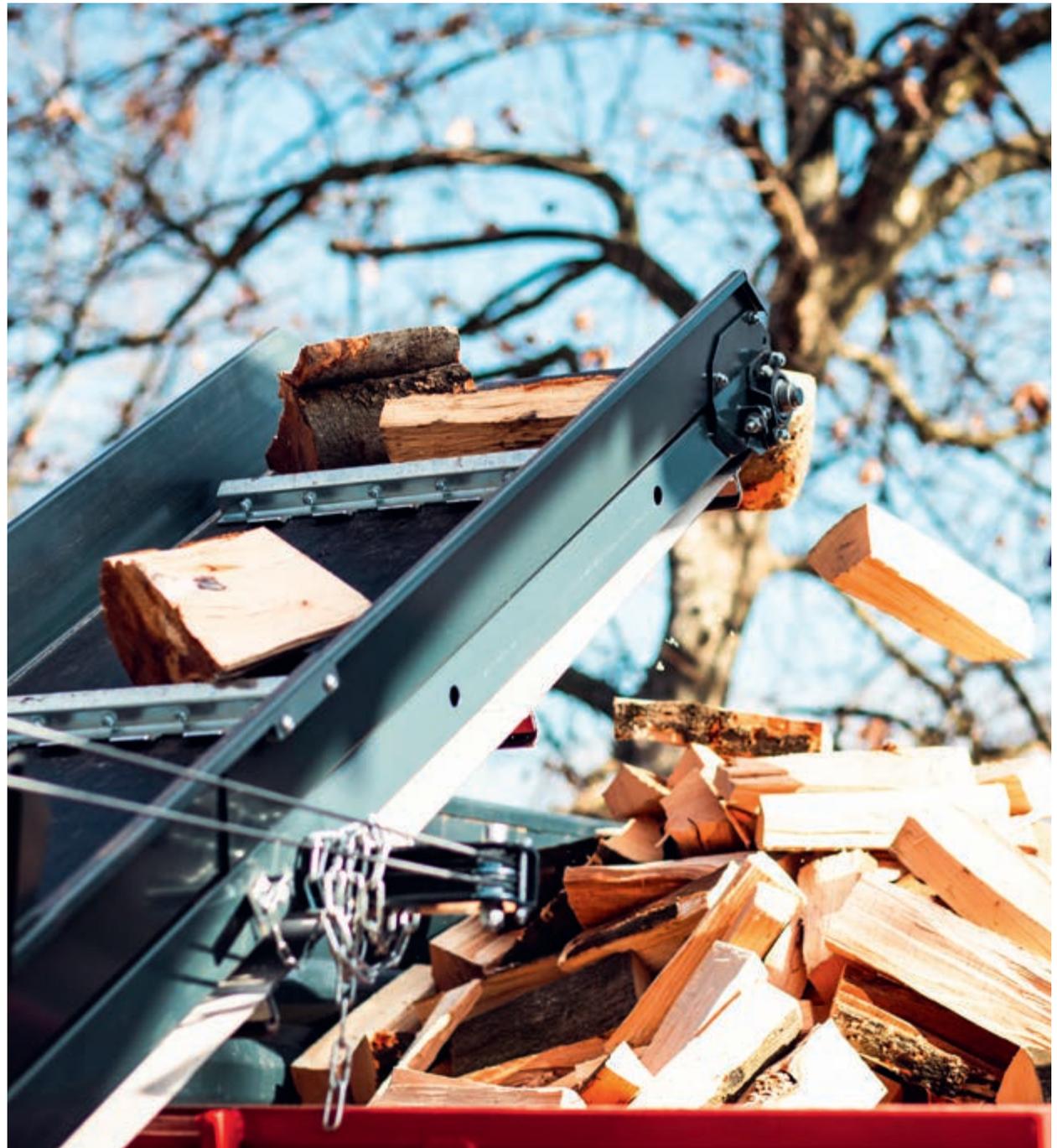
Model	W2300	W2400
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Technical data			
Cross	mm	27	32
Length	mm	560	560
Weight	kg	9	12,7

## MAGDALENA

Model	1005/800	1035/850	1005/800/KH	1005/1200
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Technical data					
Cross	mm	27	32	27	27
Length	mm	800	850	800	1200
Weight	kg	8,95	13,22	10,92	10,92
Clutch		-	-	Freewheel	-



# Log splitters MAGNUM and TITANIUM

**MAGNUM** horizontal log splitters are explosive – ensuring fast and powerful splitting of any log, no matter how resilient. Their performance speaks for itself once you see them in action.

**TITANIUM** log splitters are technologically and qualitatively perfect. They support you to split logs safely, quickly and easily with minimum effort. The petrol log splitter (TR model) is powered with a petrol engine and can be hitched to private vehicles as a trailer with a maximum gross weight of 750 kg.

## **MAGNUM**

23 CD | 23 E | 23 CD+E | 23 CD TR | 23 CD+E TR | 32 DE | 32 E | 32 CD+E | 32 CD TR | 32 CD+E TR

## **TITANIUM**

11 CD | 11 E | 11 CD+E | 14 CD | 14 E | 14 CD+E | 18 CD | 18 E | 18 CD+E | 23 CD | 23 CDF | 23 E-1 | 23 E-2 | 23 CD+E | 27 CE | 27 CDF | 27 E-1 | 27 E-2 | 27 CD+E

## **TITANIUM TR**

14 TR | 18 TR





## HORIZONTAL LOG SPLITTER

# MAGNUM

The MAGNUM horizontal log splitter uses a strong push plate and the powerful BOOMSPEED function, which automatically regulates the splitting speed and optimizes energy consumption. It splits logs up to 1 m in length, and the split firewood is collected on a large unloading area. Mechanical control without any electrical or electronic parts ensures efficient operation under challenging conditions. Switching between the working and transport positions is quick and easy.

- ▶ BOOMSPEED function
- ▶ Mechanical control
- ▶ Easily moved from transport to working position
- ▶ Low energy consumption
- ▶ Large unloading table for firewood
- ▶ Strong push plate
- ▶ Return filter
- ▶ Built-in chassis



**115–120 cm**  
Log length



**ø 100 cm**  
Max. log diameter



**21–31 t**  
Splitting force



MAGNUM 23 TR



MAGNUM 32 TR



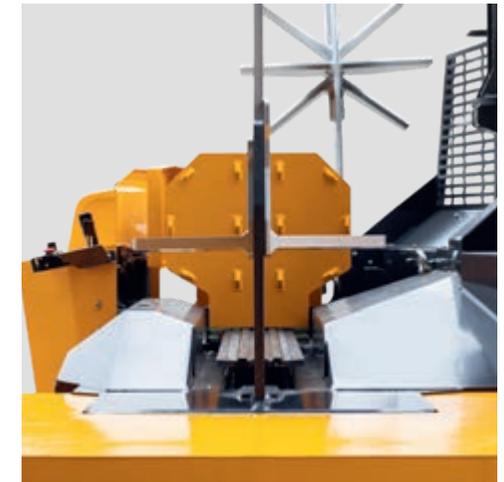
Mechanical operation with ergonomically arranged control levers



Hydraulic lift table



Built-in holders for axe, small and large pickaxe. Chainsaw and fuel tank holder are optional.



Hydraulically adjustable splitting knife



The adjustable switch-off mechanism for splitting shorter logs helps optimise splitting time.



All MAGNUM horizontal log splitters are equipped with the BOOMSPEED function, which shortens the splitting cycle by up to 50 %.



8 possible mounting height settings, enable the horizontal log splitter to be connected to any tractor.



1. An integrated electric motor with pump is an option.
2. An integrated oil tank for large quantities of oil with a special double bottom prevents leakage. A filter integrated in the oil tank ensures the purity of the oil. Optional installation of an oil cooler prevents the hydraulic system from overheating (recommended for continuous operation of the machine for more than 4 hours).



### **PUSH PLATE GUARD**

Guard for the push plate with cylinder in the transport position.



### **RETURN FILTER**

The integrated return filter ensures the purity of the oil and guarantees a long service life.



### **TRIPLE-CAST IRON HYDRAULIC PUMP**

The triple-cast iron hydraulic pump ensures quiet operation of the log splitter and a long service life.



### **HYDRAULICALLY ADJUSTABLE KNIFE**

Hydraulically adjustable splitting knife 2/4, 2/6, 2/8.



### **FRAME OF THE SPLITTING UNIT**

The frame of the splitting unit is designed so that the logs are transported smoothly forwards and backwards.



### **PUSH PLATE**

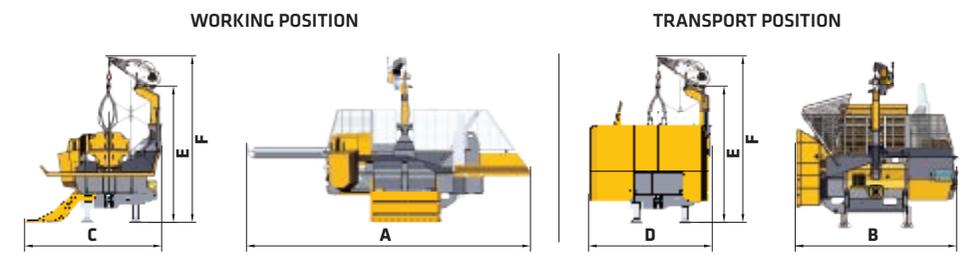
Maintenance-free plastic guides and precise push plate control ensure long life. Automatic stop for safe, easy use.





### CONTROL PANEL

- 1, 2 Two-handed activation of the push plate/splitting
- 3. Movement of the hydraulic lifting table
- 4. Hydraulic movement of the splitting knife
- 5. Activation with an electric motor drive
- 6. Manometer for pressure/splitting force display
- 7. Manometer for displaying auxiliary functions' pressure



Model	MAGNUM 23				
	CD	E	CD+E	CD TR	CD+E TR

Technical data						
Drive		PTO shaft	Electric motor	PTO shaft/Electric motor	PTO shaft	PTO shaft/Electric motor
Splitting force	t	21	21	21	21	21
Cylinder movement	mm	1150	1150	1150	1150	1150
Max. log length (mm)	mm	1150	1150	1150	1150	1150
Max. log diameter	mm	1000	1000	1000	1000	1000
Electric motor	kW	-	7,5	7,5	-	7,5
Recommended min. tractor power	kW/HP	35/48	-	35/48	35/48	35/48
Revolutions max.	min <sup>-1</sup>	540	-	540	540	540
Linkage category		II	II	II	-	-
Splitting speed H1/H2/PH	cm/s	33,6/6,6/33,6	15,3/5,9/30	33,6/6,6/33,6	33,6/6,6/33,6	33,6/6,6/33,6
Splitting time H1/H2/PH	s/1100 mm	34/15,2/3,4	7,5/17/3,8	34/15,2/3,4	34/15,2/3,4	34/15,2/3,4
Oil capacity	l	50	50	50	50	50
Length in working position (A)	mm	4535	4535	4535	4535	4535
Length in transport position (B)	mm	2391	2391	2391	4535	4535
Width in working position (C)	mm	1856	1856	1856	1856	1856
Width in transport position (D)	mm	1820	1820	1820	1820	1820
Height (E)	mm	1640	1640	1640	1640	1640
Height with hydraulic winch (F)	mm	2500	2500	2500	2500	2500
Weight	kg	1200	1250	1350	1350	1500

Additional equipment					
Cast iron pump	/	/	/	/	/
BOOMSPEED	•	•	•	•	•
2/4-way splitting knife	•	•	•	•	•
2/6-way splitting knife	o	o	o	o	o
2/8-way splitting knife	o	o	o	o	o
Winch 8 HR - 32 (radio control)	o	o	o	o	o
Oil cooler	o	o	o	o	o
Chassis in transverse direction	/	/	/	/	/
Fuel tank holder	o	o	o	o	o
Chainsaw holder	o	o	o	o	o
Holders for axe, pickaxe, and small pickaxe	•	•	•	•	•
Trailer linkage	/	/	/	/	/
Light and safety signs	/	/	/	o	o

• - Standard, o - Option, / - Not possible, H1 - Fast speed, H2 - Working speed, PH - Return speed

MAGNUM 32					
	CD	E	CD+E	CD TR	CD+E TR

Technical data						
Drive		PTO shaft	Electric motor	PTO shaft/Electric motor	PTO shaft	PTO shaft/Electric motor
Splitting force	t	31	31	31	31	31
Cylinder movement	mm	1200	1200	1200	1200	1200
Max. log length (mm)	mm	1200	1200	1200	1200	1200
Max. log diameter	mm	1000	1000	1000	1000	1000
Electric motor	kW	-	11	11	-	11
Recommended min. tractor power	kW/HP	35/48	-	35/48	35/48	35/48
Revolutions max.	min <sup>-1</sup>	540	-	540	540	540
Linkage category		II	II	II	-	-
Splitting speed H1/H2/PH	cm/s	38/21/49	25/14/33	38/21/49	38/21/49	38/21/49
Splitting time H1/H2/PH	s/1100 mm	5,2/10,4/5,2	3,9/7,8/3,9	5,2/10,4/5,2	5,2/10,4/5,2	5,2/10,4/5,2
Oil capacity	l	80	80	80	80	80
Length in working position (A)	mm	4000	4000	4000	4770	4770
Length in transport position (B)	mm	2400	2400	2400	4770	4770
Width in working position (C)	mm	2140	2140	2140	2140	2140
Width in transport position (D)	mm	1850	1850	1850	1850	1850
Height (E)	mm	2250	2250	2250	2250	2250
Height with hydraulic winch (F)	mm	2470	2470	2470	2470	2470
Weight	kg	1400	1450	1550	1550	1700

	•	•	•	•	•
	•	•	•	•	•
	•	•	•	•	•
	o	o	o	o	o
	o	o	o	o	o
	o	o	o	o	o
	o	o	o	o	o
	o	o	o	/	/
	o	o	o	o	o
	o	o	o	o	o
	•	•	•	•	•
	/	/	/	o	o
	/	/	/	o	o



## VERTICAL LOG SPLITTER

# TITANIUM

TITANIUM log splitters are technologically and qualitatively perfected. They split logs safely, quickly and easily with minimum effort. We offer a large selection of log splitters with 10 t, 13 t, 16 t, 21 t and 26 t splitting force. There are PTO-driven log splitters, electric log splitters, models with combination of both drives, and log splitters with a petrol engine. Models 23 CDF and 27 CDF can be mounted on the front or rear PTO of the tractor.

- ▶ Fast and effective splitting
- ▶ Autospeed valve
- ▶ Cast iron hydraulic pump (tractor-driven models)

### TITANIUM 23 AND TITANIUM 27

- ▶ Galvanised oil tank
- ▶ Model CDF for front and rear mounting



**10–26 t**  
Splitting force



**115 cm**  
Max. log length



**PTO/ELECTRIC/COMBINATION**  
Drive



TITANIUM 23



The cast iron hydraulic pump ensures quiet operation of the log splitter and a long service life. Standard equipment for PTO models.



A three-stage switch-off mechanism prevents damage to the table and splitting knife.



One-piece or two-piece log table with extension.

**STANDARD FOR 23 E-2, 27 E-2**

**OPTION FOR 23 CD+E, 27 CD+E**



A two-stage gear pump in the electric and combined drive ensures low energy consumption.



An Autospeed (AS) valve automatically adjusts the splitting cylinder speed for optimal performance.

**TITANIUM 23, 27**



The galvanised oil tank in the main frame prevents the oil from flowing out and makes maintenance easier.

**TITANIUM 11, 14, 18**



A special tank with double bottom prevents the oil from flowing out.

**TITANIUM 23 CDF, 27 CDF**



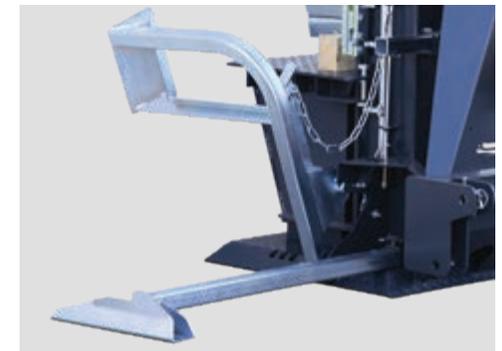
Front and rear attachment.



A log lifter is used to place the log in the working position.



The serrated lever holds the log in place for easy and accurate splitting.



The support leg on models with an electric motor prevents the log splitter from tipping over when lifting the logs.

**TITANIUM 14, 18, 23, 27**



Axe, pickaxe and chainsaw holder



**OPTION**

Adjustable holder for all fuel tanks



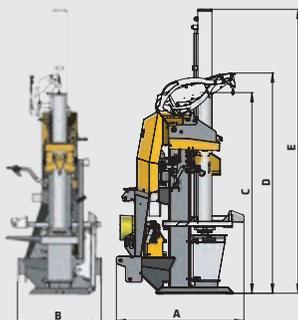
**OPTION**

Wheels and handle for manual transport of the splitter



**OPTION**

The hydraulic winch head has additional equipment that makes work easier, especially when splitting larger and thicker logs.



Model	TITANIUM 11			TITANIUM 14			TITANIUM 18		
	CD	E	CD+E	CD	E	CD+E	CD	E	CD+E

**Technical data**

Drive		PTO shaft	Electric motor	PTO shaft/ Electric motor
Splitting force	t	10	10	10
Splitting force	mm	1100	1100	1100
Cylinder movement	mm	400/580/1150	400/580/1150	400/580/1150
Electric motor	kW	-	4	4
Recommended min. tractor power	kW/HP	15/20	-	15/20
Revolutions max.	min <sup>-1</sup>	540	-	540
Linkage category		I, II	I, II	I, II
Splitting speed H1/H2/PH	cm/s	22/11/22	13/6/13	22/11/22
Splitting time H1/H2/PH	s/1100 mm	5/10,5/5	8/14/6	5/10,5/5
Oil capacity	l	15	15	15
Length (A)	mm	900	900	900
Width (B)	mm	630	630	630
Transport height (C)	mm	1850	1850	1850
Height with the hydraulic winch (D)	mm	-	-	-
Working height (E)	mm	2680	2680	2680
Weight	kg	210	240	280

**Additional equipment**

Cast iron pump	•	/	•
2-stage gear pump	/	/	/
Automatic speed control (AS)	•	•	•
Hydraulic winch 8 HR (radio control)	/	/	/
Hydraulic winch 8 HM (mechanical control)	/	/	/
Single log table with an extension	o	o	o
Two-tier table with extension	o	o	o
Chainsaw holder	/	/	/
Fuel tank holder	o	o	o
Kit for manual transport	o	•	o
Holder for small pickaxe	/	/	/
Axe holder	/	/	/
Anti-slip chock	/	/	/

• - Standard, o - Option, / - Not possible, H1 - Fast speed, H2 - Working speed, PH - Return speed

PTO shaft	Electric motor	PTO shaft/Electric motor
13	13	13
1100	1100	1100
400/580/1150	400/580/1150	400/580/1150
-	5,5	5,5
21/29	-	21/29
540	-	540
I, II	I, II	I, II
29/15/29	14/7/14	29/15/29
3,8/7,2/3,8	8/13/8	3,8/7,2/3,8
20	20	20
1050	1050	1050
824	824	824
1850	1850	1850
2050	2050	2050
2713	2713	2713
360	365	395

•	/	•
/	/	/
•	•	•
o	/	o
o	/	o
o	o	o
o	o	o
o	o	o
o	o	o
o	o	o
o	•	o
•	•	•
•	•	•
o	o	o

PTO shaft	Electric motor	PTO shaft/Electric motor
16	16	16
1100	1100	1100
400/580/1150	400/580/1150	400/580/1150
-	5,5	5,5
21/29	-	21/29
540	-	540
I, II	I, II	I, II
25/15/26	10/6/10	26/15/26
4,2/6,5/4,2	10,6/18,6/10,6	4,2/6,5/4,2
25	25	25
1050	1050	1050
824	824	824
1850	1850	1850
2050	2050	2050
2713	2713	2713
370	375	405

•	/	•
/	/	/
•	•	•
o	/	o
o	/	o
o	o	o
o	o	o
o	o	o
o	o	o
o	•	o
•	•	•
•	•	•
o	o	o



**TITANIUM 23**

CD	CDF	E-1	E-2	CD+E
PTO shaft	PTO shaft	Electric motor	Electric motor	PTO shaft/Electric motor
21	21	21	21	21
1100	1100	1100	1100	1100
400/580/1150	400/580/1150	400/580/1150	400/580/1150	400/580/1150
-	-	5,5	5,5	5,5
30/41	30/41	-	-	30/41
540	540/Front 1000	-	-	540
I, II	I, II	I, II	I, II	I, II
28/15/28	28/15/28	10/5/10	10/4/20	28/15/28
3,9/6,6/3,9	3,9/6,6/3,9	10/17/10	10/35/5	3,9/6,6/3,9
40	40	40	40	40
1150	1150	1150	1150	1150
828	828	828	828	828
1900	1900	1900	1900	1900
2150	2150	2150	2150	2150
2780	2780	2780	2780	2780
470	473	480	481	520
•	•	/	/	•
/	/	/	•	○
•	•	•	•	•
○	○	/	/	○
○	○	/	/	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
•	•	•	•	•
•	•	•	•	•
○	○	○	○	○



**TITANIUM 27**

CD	CDF	E-1	E-2	CD+E
PTO shaft	PTO shaft	Electric motor	Electric motor	PTO shaft/Electric motor
26	26	26	26	26
1100	1100	1100	1100	1100
400/580/1150	400/580/1150	400/580/1150	400/580/1150	400/580/1150
-	-	5,5	5,5	5,5
30/41	30/41	-	-	30/41
540	540/Front 1000	-	-	540
I, II	I, II	I, II	I, II	I, II
20/11/20	20/11/20	7/4/7	7/28/14	20/11/20
5,4/8,4/5,4	5,4/8,4/5,4	14/24/14	14/36/7	5,4/8,4/5,4
45	45	45	45	45
1150	1150	1150	1150	1150
828	828	828	828	828
1900	1900	1900	1900	1900
2150	2150	2150	2150	2150
2780	2780	2780	2780	2780
510	513	530	531	560
•	•	/	/	•
/	/	/	•	○
•	•	•	•	•
○	○	/	/	○
○	○	/	/	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○
•	•	•	•	•
•	•	•	•	•
○	○	○	○	○

## VERTICAL LOG SPLITTER

# TITANIUM TR

The petrol log splitter (TR model) is powered with a petrol engine and can be hitched to private vehicles as a trailer with a maximum gross weight of 750 kg.



**13-16 t**  
Splitting force



**115 cm**  
Max. log length



**PETROL ENGINE**  
Drive



TITANIUM TR



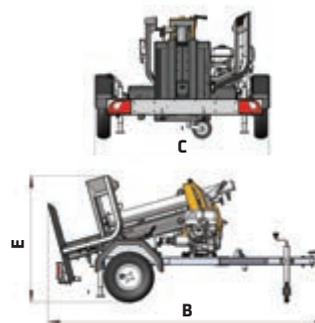


Integrated hydraulic cylinder for switching between working and transport positions.

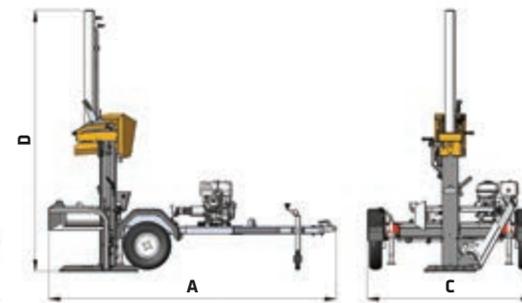


Four Stroke petrol engine 6 kW.

#### TRANSPORT POSITION



#### WORKING POSITION



Model	14 TR	18 TR
-------	-------	-------

#### Technical data

		Petrol engine	Petrol engine
Drive		Petrol engine	Petrol engine
Splitting force	t	13	16
Cylinder movement	mm	1100	1100
Splitting length	mm	400/580/1150	400/580/1150
Petrol engine	kW	6	6
Splitting speed H1/H2/PH	cm/s	26/13/26	22/11/22
Splitting time H1/H2/PH	s/1100 mm	4,2/8/4,2	5,4/10/5,4
Oil capacity	l	20	25
Working length (A)	mm	3000	3000
Transport length (B)	mm	2800	2800
Width (C)	mm	1730	1730
Working height (D)	mm	2700	2700
Transport height (E)	mm	1250	1250
Weight	kg	520	530

#### Additional equipment

2-stage gear pump	•	•
Automatic speed control (AS)	•	•
Single log table with an extension	o	o
Two-tier table with extension	o	o
Holder for small pickaxe	•	•
Anti-slip chock	o	o

• - Standard, o - Option, / - Not possible  
 H1 - Fast speed  
 H2 - Working speed  
 PH - Return speed

# Winch heads for log splitters

- ▶ Automatic unwinding with tensioned rope
- ▶ Ball bearings on rollers (no lubrication required) for smooth unwinding and winding of the wire rope

OPTION TITANIUM



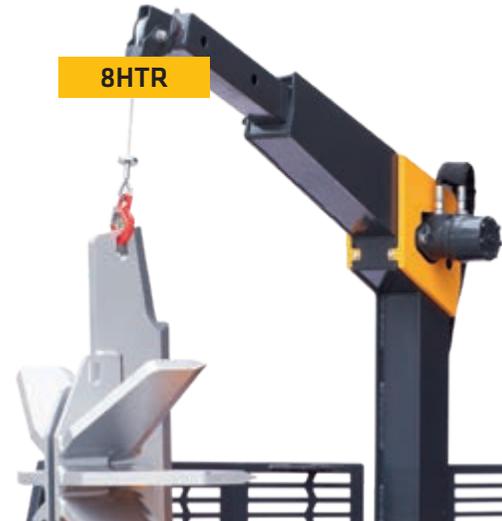
OPTION MAGNUM



Scissor grab for pulling and handling heavier logs



8HR



8HTR

Model		8HM	8HR	8HTR
<b>Technical data</b>				
Suitable for		TITANIUM 14, 18, 23, 27	TITANIUM 14, 18, 23, 27	MAGNUM 23, 32
Tractive force	kN	7,5	7,5	7,5
Average rope speed	m/s	0,8	0,8	0,8
Wire rope diameter	mm	6	6	6
Wire rope length	m	20	20	20
Operation		Hydraulic	Electrohydraulic	Electrohydraulic
Width	mm	380	380	330
Length	mm	780	780	830
Height	mm	500	500	1040
Weight	kg	55	55	80
<b>Additional equipment</b>				
Remote control		/	•	•
Regulation of wire rope speed for winches		/	/	o
Grabs		o	o	o

• - Standard, o - Option, / - Not possible



Control options:

1. with remote control (HR/HTR) or
2. with hydraulic control lever (HM)



## PTO shafts

We offer a selection of PTO shafts for forestry machines with PTO drive.



### WALTERSCHEID

Model		W2300	W2400
<b>Technical data</b>			
Cross	mm	27	32
Length	mm	560	560
Weight	kg	9	12,7

### MAGDALENA

Model		1005/800	1035/850	1005/800/KH
<b>Technical data</b>				
Cross	mm	27	32	27
Length	mm	800	850	800
Weight	kg	8,95	13,22	10,92
Clutch		-	-	Freewheel

# Billet bundler PYTHON

To simplify stacking and transporting firewood, we recommend one of our PYTHON log bundlers. They are available with mechanical or hydraulic control, can be mounted at the front or rear of the tractor, and can be equipped with all the necessary accessories.

## PYTHON

M | MF | HF | HFS | HFN





## BILLET BUNDLERS

# PYTHON

The PYTHON billet bundler is used to bundle timber by the metre. Stacking firewood is now even more efficient thanks to easy bundling and tipping. The machine also has a larger capacity. In addition, four models in mechanical and hydraulic versions with different add-on-combinations can fulfil the requirements of every user.

### Standard or optional equipment\*:

- ▶ Three-point linkage, category I, II
- ▶ EURO linkage (front)
- ▶ Cylinder for hydraulic tipping of the basket
- ▶ Cylinder for hydraulic firewood tensioner
- ▶ Switch valve for hydraulic tensioning and hydraulic tipping
- ▶ Tape holder with a carrier

\*Depends on the model, see table on the next page for more information.



**100 cm**  
Log length



PYTHON



PYTHON HFN



Department for galvanised clamps



Two rollers for easier tipping



Easy installation of the binding tape

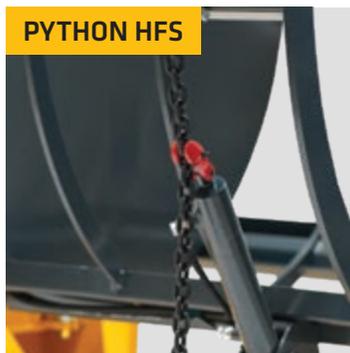


Switch valve for hydraulic tensing and hydraulic tipping. Simple connection and control via the tractor hydraulics.



**OPCIJA (M, MF, HF)**

Ratchet tensing device.



**PYTHON HFS**

Hydraulic rope tensioner.



Firewood can be bundled with polyester tape or synthetic rope.



**TAPE HOLDER**

- ▶ Enables easier unwinding of the tape
- ▶ The holder is equipped with a brake that prevents the tape from rolling off the roll in an uncontrolled manner.

**POLYESTER TAPE**

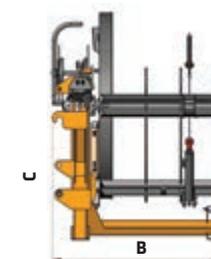
- ▶ Covered with a layer of polypropylene
- ▶ Extremely light and strong tape
- ▶ Resistant to sharp edges

**Model** PYTHON M PYTHON MF PYTHON HF PYTHON HFS PYTHON HFN

<b>Technical data</b>						
Tipping		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Log length	cm	100	100	100	100	100
Volume	m <sup>3</sup>	1,1	1,1	1,1	1,1	1
Linkage category		I, II	I, II/Euro fastening	I, II/Euro fastening	I, II/Euro fastening	I, II/Euro fastening
Width (A)	mm	1383	1383	1383	1383	1480
Length (B)	mm	1130	1130	1130	1130	1230
Height (C)	mm	1513	1513	1513	1513	1513
Weight	kg	220	245	250	270	265

<b>Additional equipment</b>						
Hydraulic tensioner with wire rope		/	/	/	•	/
Mechanical tensioner with wire rope		o	o	o	/	o
Hydraulic rope tensioner		o	o	o	/	•
Carrier for tape/rope holder		o	o	o	o	o
Polyester tape holder		o	o	o	o	o
Synthetic rope holder		o	o	o	o	o
Tape tensing pliers		o	o	o	o	o
Polyester tape CC65 19 (500 m)/ MC 86 25 (450 m)		o	o	o	o	o
Galvanised clamps for composite straps MB 6-19/MB 8-25 (500 pieces)		o	o	o	o	o

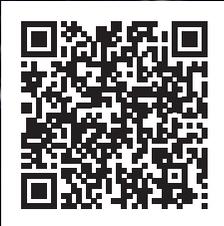
• - Standard, o - Option, / - Not possible



# Tool storage and transport box **UNIBOX**

The UNIBOX tool storage and transport box is a tractor attachment with a three-point hitch, usually mounted on the front linkage of the tractor.





## TOOL STORAGE AND TRANSPORT BOX

# UNIBOX

The UNIBOX tool storage and transport box is a tractor attachment with a three-point linkage, usually mounted on the front linkage of the tractor.

### Standard:

- ▶ Three-point linkage
- ▶ Many compartments with patented vertical dividers and a multi-level shelf
- ▶ Fuel tank holder
- ▶ Additional space on the back
- ▶ Lid with gas springs
- ▶ Lock
- ▶ Safety-reflective labels

### Option:

- ▶ Front attachment
- ▶ Base vice on a holder



UNIBOX



The compartments are designed for various tools that can be stored and transported safely and neatly.



Store your tools safely and lock them up for added protection.



Reliable and soft opening/closing the lid with gas springs.



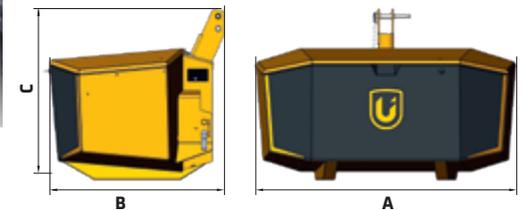
Safety-reflective labels are integrated into the entire exterior design of the box.



Removable dividers that you can arrange according to your needs and preferences.



UNIBOX can be used as a three-point linkage front counterweight to enhance the performance of the tractor.



Easily adjustable shelf: You can choose between 3 different heights or remove it.



Additional storage space/compartment for forestry chains on the outer rear of the box.

Model		UNIBOX
<b>Technical data</b>		
Linkage category		I, II
Width (A)	mm	1270
Depth (B)	mm	850
Height (C)	mm	825
Weight	kg	140
Load capacity	kg	500
<b>Additional equipment</b>		
Adjustable shelf		•
Adjustable partition walls		•
Fuel tank holder		•
Euro fastening (front)		○
Vice		○
Euro attachment (front)		•
Gas shock absorbers for the lid		•
Reflective labels		•

• - Standard, ○ - Option, / - Not possible

# Circular saw



Our circular saws make it easier to prepare wood for the heating season. They are safe and effortless to use and easy to move. The WKA circular saws with conveyor belt are made of high-quality sheet metal and are therefore compact. They are manufactured to the highest safety standards, are easy to use and allow you to work quickly.

**WKA**  
700 CD | 700 E | 700 CD T5



## CIRCULAR SAW

# WKA 700

Our circular saws speed up the production of firewood in preparation for the heating season. They are safe and easy to use. Their high-quality structure ensures a long service life.

- ▶ Safe and fast working
- ▶ High-quality sheet metal construction
- ▶ Models with PTO drive or electric motor

### WKA 700 CD T5

- ▶ 5 m long conveyor belt



**ø 30 cm**  
Max. cutting diameter



**ø 70 cm**  
Saw blade diameter



WKA 700 CD T5



1. Safe operation of the circular saw
2. The SAFETY BRAKE stops the circular saw in less than 10 s (CD models)
3. Safety net
4. Grabs for bar stabilisation
5. Cylinders on the trough for easier work
6. Cutting length stop



WKA 700 CD T5

1. Hydraulic motor drive of the conveyor belt - mounted at the top
2. Quick and easy switch from transport to working position
3. Mechanical winch for adjusting the conveyor belt inclination



WKA 700 E

1. Three-belt drive
2. Saw blade with segments made of carbide (Widia)
3. Large rubber wheels and handles for easy transport
4. 4 kW electric motor
5. Additional support for working with longer logs

Model		CD	E	CD T5
<b>Technical data</b>				
Drive		PTO shaft	Electric motor	PTO shaft
Drive of the add-on conveyor belt		-	-	Hydraulic motor
Max. cutting diameter	mm	300	300	300
Saw blade diameter	mm	700	700	700
Electric motor	kW	-	4	-
Recommended min. tractor power	kW/HP	19/25	-	19/25
Linkage category		I, II	-	I, II
Conveyor belt drive attachment width	mm	-	-	350
Conveyor belt drive attachment length	m	-	-	5
Width	mm	1250	1250	3000
Depth	mm	780	760	780
Height	mm	1250	1100	2350
Weight	kg	175	210	370
<b>Additional equipment</b>				
Saw blade with segments made of carbide (Widia)		•	•	•
Wheels		•	•	/
Mechanical winch for adjusting the inclination of the conveyor belt		/	/	•
Hydraulically adjustable conveyor belt		/	/	•

• - Standard, o - Option, / - Not possible







**UNIFOREST**

**Uniforest d.o.o.**

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