



CATALOGUE







UNIFOREST is a globally recognised company with an impressive more than 25-year-long tradition of manufacturing forestry machinery, distinguished by innovations and superior quality. Our forestry machines are designed and manufactured using the latest technology and high-quality certified components provided by renowned suppliers (FAG, INA LUK, HAWE etc.).

UNIFOREST is a synonym for technologically advanced and environmentally friendly machines, characterised by safety, simplicity of use and unique design.

Our machines are produced by over 70 trained and committed employees. Conducting extensive market research, our highly-skilled research and development department respects the opinions and experience of our users when developing new machines or improving the existing models. Each part of the machine is carefully selected and every machine is designed to perfection. To date, we have patented many products and received several awards and certificates.

Because the satisfaction of our customers always comes first, our machines boast a long service life, compact construction and easy maintenance.

Superior design of our machines is additionally supported by certificates, in accordance with European and international standards, proving their serviceability, quality, maximum safety and environmental friendliness.



MODERN PRODUCTION

Any large-scale project must evolve into superior machines. This is made possible, on the one hand, by our production facility combining design processes, robot welding, powder coating and assembly and, on the other hand, by cooperating with reliable subcontractors who perform laser cutting, turning and milling operations. Individual production stages strictly include intermediate inspections of input materials.

We are aware that reliability and repeatability of machinery production depends on technologically advanced manufacturing facilities using state-of-the-art machines.

We take pride in developing and manufacturing our own machine for testing forestry winches, which enables precise measurement of braking and pulling forces.

Before they are shipped, all UNIFOREST machines are also thoroughly examined within a final quality control process.





Forestry winches PROFI	6
Series G	8
Series GK	10
Winch heads	12
Forestry tractor upgrade	14
Forestry winches PREMIUM	16
Series M	18
Series H	20
Forestry winches STANDARD	22
Series E	24
Series EH	26
Mini-cableway system	28
1500MS	30
2500HS PREMIUM	31
Accessories	32
FIREWOOD processors	36
TITAN 40/20 Premium	38
TITAN 43/20J Standard	40
TITAN 42/20 Standard	42
Log decks	44
Extraction devices & Sawdust Separator	45
Log SPLITTERS	48
TITANIUM	50
Winch head	52
Road tow log splitter with petrol engine	54
Horizontal log SPLITTER	56
MAGNUM	58
Circular SAWS	60
Billet BUNDLERS	62
TP BOXES	64
GIBON mechanical	65
GIBON hydraulic	65
GIBON hydraulic PRO	65
Timber and loading GRABS	66
SCORPION PREMIUM	68
SCORPION PRO	70
SCORPION	71
Remote control winch	73
Crane grabs Premium	74
Crane grabs	75
Felling head	76



Forestry winches **PROFI**

SERIES G

65G | 85G | 85GF | 120G power
2x65G | 2x85G

SERIES GK

70GK | 90GK power

WINCH HEADS

2x75HK | 2x75HKpro | 1x85H | 2x85H | 2x85HF |
2x85Hpro | 2x85HFpro | 2x100H | 2x100Hpro

FORESTRY TRACTOR UPGRADE

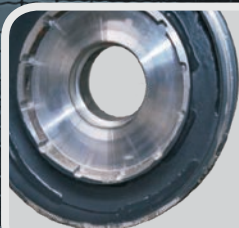
In addition to a tractor, the PROFI forestry winches for professional use are essential machines required for daily timber harvesting from the forest. Using these winches, the work is safer, easier and quicker.

Our PROFI winches are distinguished by patented solutions, reducing the strain on the operator and underlining the technological superiority of the machines. They were designed to ensure simple maintenance, with a compact and stable framework and mechanisms for energy efficiency.

A long service life of PROFI winches is now beyond question.

Common features of PROFI forestry winches

MAXI DRUM



An extra large drum capacity ensures that a longer rope can be wound to cover a larger area. It also reduces the loss of the pulling force with a fully wound drum.

CONVENIENT POSITIONING



The winch is positioned closer to the tractor, while the pulley is installed further down the winch to improve and lower its gravity centre. This reduces the risk of the tractor being lifted.

MULTI-PLATE CLUTCH



The multi-plate clutch LUK prevents overheating/slipping of the clutch (4 to 8 plates).

Long service life is ensured by:



Unwinding device for wire rope with adjustable unwinding speed. A rotating feed roller for optimal positioning according to the pulling direction.



A guide for precise winding of wire rope on a drum.



Pressure relief brake with wire rope unwinding speed adjustment for a constant tension of wire rope. A high-pressure oil filter preventing dirt from entering the hydraulic block.



Pre-loaded wire rope tensioning "Roller" for more precise wire rope winding.



HAWE seated solenoid valve with a high-pressure filter integrated in the control block for preventing pressure loss.

SMART 3in1



WIRE ROPE UNWINDING

PATENT

To make the wire rope unwinding easier you can choose a winch with an integrated device for unwinding. The unwinding device is electronically guided and ensures optimal control of the hydraulic assembly. This type of winch also guarantees a constant tension of the wire rope between the unwinding pulley and the drum, thus preventing damage to the drum or pulley and enabling a longer service life.

AUTO STOP (limit switch)

AUTO STOP function (limit switch) automatically stops the function of winding the wire rope on the drum. This function prevents mechanical damages of the unwinding device, entanglement and wire rope damages.

For G and GK Series.

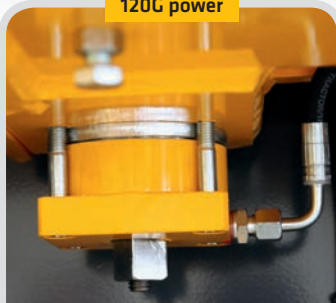
- (1) When pulling logs with a tractor, you may encounter some obstacles on the road (hill, roots etc.). If the tractor is not able to overcome these obstacles, the unwinding function can be switched into the mode without the assistance of the unwinding device and you can continue driving with a taught wire rope between the winch and the load. (2) The unwinding device can be turned on and off without delay (the standard model has a 1.5 sec. delay). (3) The SMART 3in1 function ensures additional tension of the wire rope between the unwinding pulley and drum.

This function is only available with the remote controls Teleradio, Terra funk and manual console.

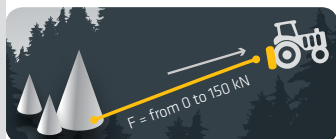
SERIES G

The Series G is the first group of our PROFI forestry winches, available on the market for over 10 years. Their most distinctive feature is a gear drive transmission system that contributes to low maintenance costs and long service life.

120G power



Adjustable braking force (progressive break system).



Adjustable braking force allows the wire rope to be unwound without the unwinding device, regardless of the force on the pulling rope between the winch and the load.

The valve for adjusting the brake opening speed enables slower release of the wire rope tension. This prevents uncontrolled spinning of the drum and resulting entanglement of the wire rope. It is available for all models except 120G power.



Plenty of storage area for additional equipment.

PATENT



Plenty of room for forestry chains and other small forestry accessories on the front side of the butt plate to prevent the dirt from entering the chains and other equipment.



Multiple lower link mounting positions. Different attachment heights and depths on the tractor.

OPTION



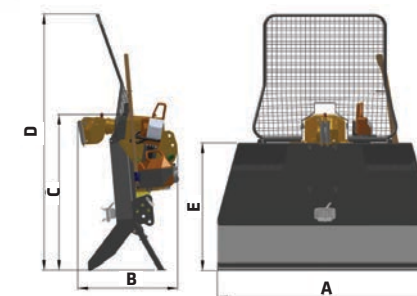
Hydraulic hinged butt plate lowers the centre of gravity for easier timber handling and log stacking.



- High pulling force even with fully wound drum
- Robust construction
- Long operating life
- Low maintenance costs
- Foldable window guard



FAG **LUK** **HAWES**
HYDRAULIK





The drive consists of a worm gear enabling high gear ratios and sudden loads, as well as spur gears with all the drive elements immersed in the oil bath which enables higher efficiency, reduces maintenance requirements and increases its life span. Worm manufactured from high-alloy steel, hardened, reinforced and ground, gear wheel manufactured from special bronze for greater resistance to wear.



Bevel-helical and spur gear drive reduces wear and increases energy efficiency.



Drums with separate hydraulic systems.



Built in gear pump.



3-piston pump and professional globe valves for long operating life.



Dual PTO for front/rear mounting.



Unwinding device with two hydraulic motors and two pulleys - for stronger tension of wire rope between drum and unwinding device as well as higher unwinding force.



The electronically adjustable brake opening time allows for a slower release of the tension of the wire rope, thus preventing the drum from uncontrolled rotation and subsequent entanglement of the wire rope.



Remote control Terra Funk FA5-A1 for precise brake release.

Model		65G	2x65G	85G	2x85G	85GF	120G power
Drive		Helical and bevel gear drive	Helical and bevel gear drive	Worm gear	Worm gear	Worm gear	Worm gear
Pulling force - internal/external diameter	kN	65/40*	65/40*	85/56	85/56	85/56	120/80**
Brake force	kN	81	81	106	106	106	150
Wire rope medium speed	m/s	0,65 (540 min ⁻¹)	0,65 (540 min ⁻¹)	0,50 (540 min ⁻¹)	0,50 (540 min ⁻¹)	0,50 (540 min ⁻¹)	0,50 (540 min ⁻¹)
Drum capacity length/diameter	m/mm	130/12	130/12	118/13	118/13	118/13	140/14
		160/11	160/11	130/12	130/12	130/12	-
Recommended tractor power	kW/HP	60/80	74/100	74/100	74/100	74/100	88/120
Clutch plates	pcs	4	4	6	6	6	8
Pump		Gear pump	Gear pump	3-piston pump	Gear pump	Gear pump	Gear pump
PTO shaft revolutions	min ⁻¹	750	750	750	750	750	750
Oil pressure	bar	110-150	110-150	110-150	110-150	110-150	110-150
Dimensions A	mm	1720	1920	1920	1920	1920	2200
		● 1920	/	/	/	/	/
		● 2100	/	● 2100	/	/	/
Hydraulic hinged butt plate	mm	● 1920	/	● 1920	/	/	/
		● 2100	● 2100	● 2100	● 2100	● 2100	● 2400
Dimensions B	mm	840	840	930	930	930	970
		1500	1500	1500	1500	1500	1500
		2300	2300	2300	2300	2300	2300
Weight without wire rope: 1720 mm 1920 mm 2100 mm	kg	620 660 700	/ 900 980	/ 680 720	/ 970 1145	/ 680 720	/ 930 1110***
Unwinding device		●	●	●	●	●	●
Wire rope guide		●	●	●	●	●	●
Auto Stop function		●	●	●	●	●	●
Smart 3in1		●	●	●	●	●	/
Adjustable braking force		/	/	/	/	/	●

● Standard | ● Option | / Not possible | * Double flatted wire rope 90 m / 12 mm | ** Double flatted wire rope 110 m / 14 mm | *** Butt plate width 2200 or 2400 mm

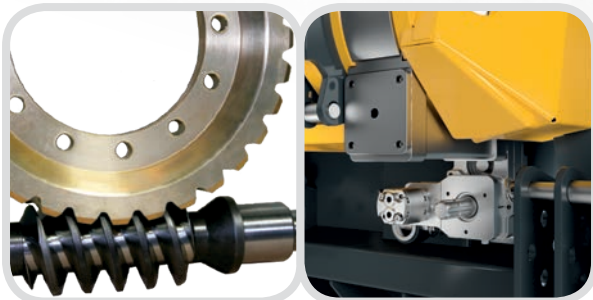
SERIES GK

Winches with constant pulling force

The Series G winches have been upgraded into Series GK winches with a constant pulling force. The pulling force is evenly distributed over the entire working area, the pulling rope can be thinner and longer and a lower tractor power is required.

A lighter wire rope contributes to:

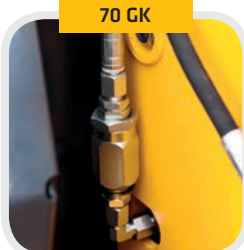
- *better performance and faster recovery of timber and*
- *less strain on the user.*



The drive consists of a worm gear enabling high gear ratios and sudden loads, as well as spur gears with all the drive elements immersed in the oil bath which enables higher efficiency, reduces maintenance requirements and increases its life span.

Worm manufactured from high-alloy steel, hardened, reinforced and ground, gear wheel manufactured from special bronze for greater resistance to wear.

The valve for adjusting the brake opening speed enables slower release of the wire rope tension. This prevents uncontrolled spinning of the drum and resulting entanglement of the wire rope.



Proportional valve for continuous pressure adjustment.



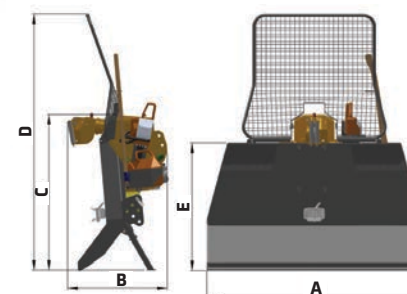
The PTO shaft is installed at the rear side of the winch, enabling a better stability of the tractor and winch and reducing the risk of damaging the cardan shaft.



The sensor that measures the pulling force of the winch is directly installed on the pulling rope to enable precise measurement of the force on the pulling rope. The measured pulling rope force is regulated with the clutch. A guide for precise winding of the wire rope on the drum is integrated as standard.



- Pulling force evenly distributed over the entire working area
- Pulling rope can be thinner and longer
- Lower tractor power required
- Robust construction
- Long operating life
- Low maintenance costs
- Foldable window guard





Unwinding device with two hydraulic motors and two pulleys - for stronger tension of wire rope between drum and unwinding device as well as higher unwinding force.

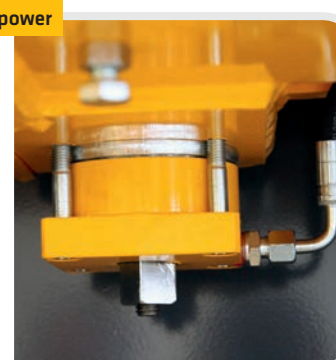


The electronically adjustable brake opening time allows for a slower release of the tension of the wire rope, thus preventing the drum from uncontrolled rotation and subsequent entanglement of the wire rope.

Adjustable braking force (progressive break system).



Adjustable braking force allows the wire rope to be unwound without the unwinding device, regardless of the force on the pulling rope between the winch and the load.



Remote control Terra Funk FA5-A1 for precise break release.

Model			70GK	90GK power
Drive			Worm gear	Worm gear
Pulling force - internal/external diameter			68	85
Pulling force - external diameter			68 – at 130 m/12 mm rope	85 – at 110 m/13 mm rope
Brake force			85	106
Wire rope medium speed			0,56 (540 min ⁻¹)	0,56 (540 min ⁻¹)
Drum capacity length/diameter			130/12	110/13
			155/11	130/12
Recommended tractor power			74/100	88/120
Clutch plates			6	8
Pump			Gear pump	Gear pump
PTO shaft revolutions			750	750
Oil pressure			160	160
Oil quantity			3,5	3,5
Dimensions	A	mm	1920	2200
			● 2100	/
			1920	/
Dimensions	Hydraulic hinged butt plate	mm	● 2100	● 2400
	B		970	970
	C	mm	1500	1500
Dimensions	D		2300	2300
Weight without wire rope			680 / ● 720	920
Unwinding device			●	●
Unwinding with two hydraulic motors			/	●
Wire rope guide			●	●
Auto Stop function			●	●
Smart 3in1			●	/
Adjustable braking force			/	●
Adjustable braking force speed			/	●
Remote control TERRA FUNK FA5-A1			/	●

● Standard | ● Option | / Not possible

WINCH HEADS

Winch heads are our specialty. They are available as single or double drum models and can be permanently integrated on any tractor with a minimum of 80 HP. Until now, we successfully installed over 400 winch heads in Slovenia alone.

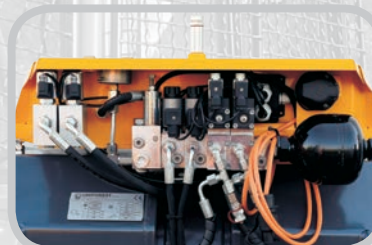
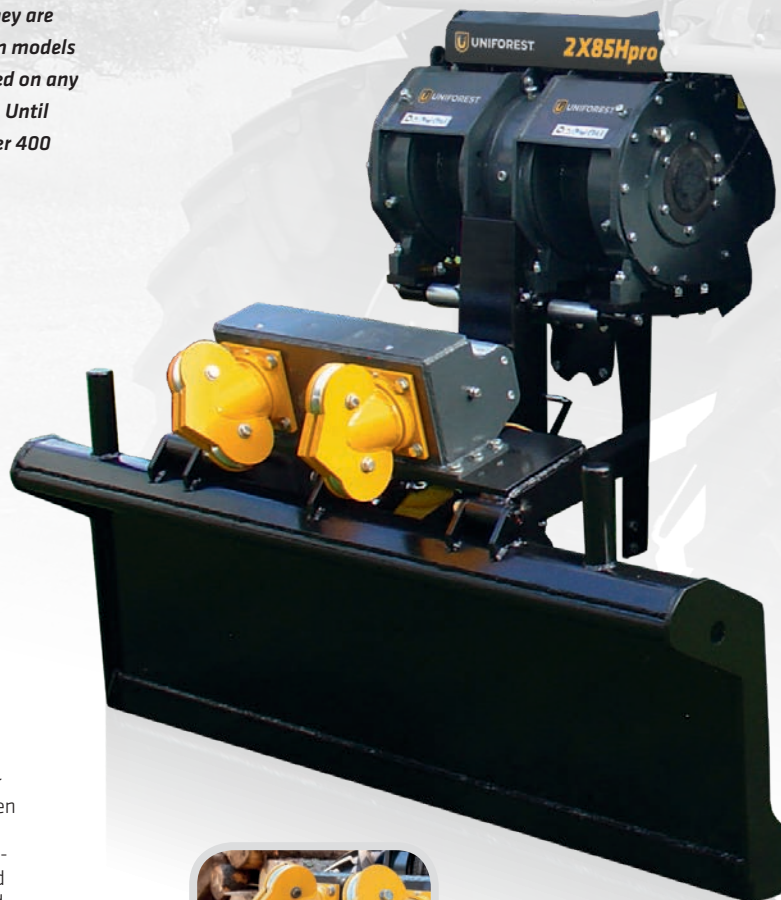


The drive consists of a worm gear enabling high gear ratios and sudden loads.

Worm manufactured from high-alloy steel, hardened, reinforced and ground, gear wheel manufactured from special bronze for greater resistance to wear.



Double pulley.



Globe valves with integrated high pressure filter. Double-drum winches: separate hydraulic systems for drums and wire rope unwinding devices.



The unwinding device with two feed rollers and hydraulic motors increase the tension of the wire rope between the unwinding device and the drum, in addition to providing higher unwinding force. Optionally adjustable wire rope unwinding speed.

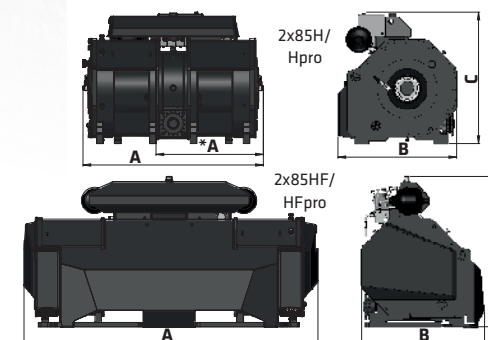


The valve for adjusting the brake opening speed enables slower release of the wire rope tension. This prevents uncontrolled spinning of the drum and resulting entanglement of the wire rope.



85HFpro

- installation is possible on the front or rear of the tractor
- Strong pulling force even when the drum is fully wound (considerably better ratio between the pulling force on the inner and outer perimeters 1:1,7)
- Worm gearbox for maximum load transfer
- The transfer of torque is carried out via cylindrical involute gears, which is a considerable advantage compared with the utilization of dowels or bolts
- Easy and reliable operation
- Long operating life



NEW



Head winch 2x75HKpro with constant pulling force.



Possible installation on the front or rear side of all tractors with a minimum horsepower of 80 HP.

Model		2x75HK	2x75HKpro	1x85H	2x85H	2x85HF	2x85Hpro	2x85HFpro	2x100H	2x100Hpro
Drive		Worm gear	Worm gear	Worm gear	Worm gear	Worm gear	Worm gear	Worm gear	Worm gear	Worm gear
Pulling force - internal/external diameter	kN	75	75	85/56	85/56	85/56	85/56	85/56	94/51	94/51
Brake force	kN	94	94	106	106	106	106	106	118	118
Wire rope medium speed	m/s	0,60 (540 min ⁻¹)	0,60 (540 min ⁻¹)	0,60 (540 min ⁻¹)	0,60 (540 min ⁻¹)	0,60 (540 min ⁻¹)	0,60 (540 min ⁻¹)	0,60 (540 min ⁻¹)	0,85 (540 min ⁻¹)	0,85 (540 min ⁻¹)
Drum capacity length/diameter	m/mm	90/13	90/13	80/13	80/13	80/13	80/13	80/13	80/14	80/14
		105/12	105/12	90/12	90/12	90/12	90/12	90/12	90/13	90/13
Recommended min. tractor power	kW/HP	60/80	60/80	60/80	60/80	60/80	60/80	60/80	60/80	60/80
Weight without wire rope	kg	420	490	260	380	440	450	510	420	490
Clutch plates	pcs	6	6	6	6	6	6	6	6	6
PTO shaft revolutions	min ⁻¹	750	750	750	750	750	750	750	750	750
Oil pressure	MPa	11-max. 18	11-max. 18	11-15	11-15	11-15	11-15	11-15	11-15	11-15
Oil quantity	l	9	9	3,5	3,5	3,5	3,5	3,5	10	10
Dimensions	A	mm	840	840	500	800	1370	800	1370	840
	B	mm	660	660	520	520	520	520	520	660
	C	mm	800	800	600	600	600	600	600	800
Unwinding device	pcs	/	● 2	● 1	/	/	● 2	● 2	/	● 2
SMART 3in1		/	●	● *	/	/	●	●	/	●
Winch mounting plate		●	●	●	●	●	●	●	●	●

● Standard | ● Option | / Not possible | * Only available, if the unwinding device is installed

FORESTRY TRACTOR UPGRADE

- Double drum winch head 2x85Hpro
- Rear butt plate of 1.9 m or 2.0 m width with attachments for directional pulleys mounting
- Winch stand front blade of 1.8 m width with a gripper
- Winch mounting plate
- Safety frame made from tubular reinforcement, protection on the bottom part of the tractor
- Chassis and tank protection
- Guarded windows
- Front weight








Forestry winches **PREMIUM**

SERIES M

35M | 45M | 45MR | 55M | 55MR | 85MR

SERIES H

45H | 45Hpro | 55H | 55Hpro | 65H/HF |
65Hpro/HFpro | 85H | 85Hpro | 95Hpro



The PREMIUM forestry winches are an indispensable machine when it comes to harvesting timber from your forest. They have been technologically improved to ensure easier operation and low-cost maintenance. In addition, they have been upgraded with a unique design combining a powerful and stable structure with diagonal lines.

Common features of PREMIUM forestry winches

PATENT



Plenty of room on the front side of the butt plate to keep the dirt from tractor wheels away from the chains and other accessories.

PLENTY OF ROOM



FOLDABLE WINDOW GUARD

Foldable window guard for easy transportation.

LOCKING SAFETY PIN



1. Locking safety pin ensures winch rope remains on the pulley.
2. Magnetic holder secures lower pulley during transportation.

SIMPLE INSTALLATION



Simple and quick installation of the winch on the tractor. After use, the linkage can be attached to the winch frame.

DISC SPRINGS



Disc springs ensure precise clutch start and stop (models 65M, 85M and 55H/Hpro).

ADDITIONAL HOLDERS



1. Chainsaw holder.
2. Pickaxe holder.

Long service life is ensured by:



Multi-plate clutch, made of thicker clutch lining material, prevents wear.



Lubrication free sealed ball bearings (FAG) ensure uninterrupted unwinding and winding of the wire rope; no lubrication is required.

COMPACT BUTT PLATE



Robust butt plate reinforced with wear resistant flat steel.

TWO DIFFERENT HEIGHTS



Two different heights of attachment to the tractor with a reliable protection preventing the linkage mounting pins from falling out (support leg attachment).

PRECISE ADJUSTMENT



Easy & precise adjustment of the band brake.

SERIES M

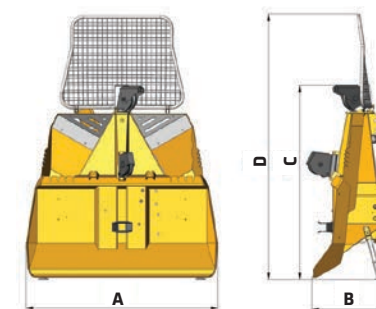
The Series M comprises mechanically controlled PREMIUM forestry winches with capacities between 4.5 to 8.5 tons.



1. Control mechanism is hidden in the winch frame (mechanical winches) and thus protected against weather effects.
2. The hand cord for engaging the pulling mechanism is only 60 cm long.
3. Less force is required to pull the cord for disengaging the brake or achieving full pulling force.



- Superior design with ergonomic shape
- New technological solutions
- Robust construction





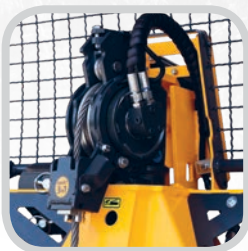
Model		35M	45M	45MR	55M	55MR	85MR
Pulling force	kN	35	45	45	55	55	85
Wire rope medium speed	m/s	0,90	0,90	0,60	0,90	0,60	0,60
Drum capacity length/diameter	m/mm	115/8	135/9	135/9	110/10	110/10	-
		90/9	110/10	110/10	90/11	90/11	120/12
		75/10	90/11	90/11	75/12	75/12	100/13
	Standard m/mm	70/9	70/10	70/10	70/11	70/11	90/13
Recommended tractor power	kW	11-33	37-50	37-50	40-55	40-55	min. 50
	HP	16-45	50-68	50-68	54-75	54-75	min. 68
PTO shaft revolutions	min-1	540	540	540	540	540	540
Dimensions	A	mm	1200	1490	1490	1590	1800
	B		450	490	490	490	780
	C		1160	1400	1400	1480	1800
	D		2000	2170	2170	2300	2300
Weight without wire rope	kg	232	361	371	375	385	571
Trailer tow hitch		●	●	●	●	●	●
Lower pulley		●	●	●	●	●	●
Chainsaw holder		●	●	●	●	●	●
Pickaxe holder		●	●	●	●	●	●
Foldable window guard		●	●	●	●	●	●
Multi-plate clutch			●	●	●	●	●
Control		M	M	M	M	M	M
Connection category (coupling)		I, II	I, II	I, II	I, II	I, II	II, III

● Standard | ● Option | / Not possible | M - mechanical | Double flattened wire rope

SERIES H

The Series H comprises hydraulically controlled **PREMIUM** winches with capacities from 4.5 to 9.0 tons. This series is characterized by a three-point winch for front or rear installation with a pulling force of 6.5 tons.

PATENT

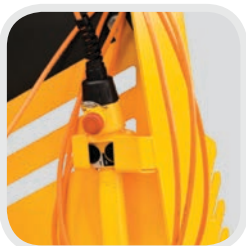


WIRE ROPE UNWINDING DEVICE

To make the wire rope unwinding easier you can choose a winch with an integrated device for unwinding. The unwinding device is electronically guided and ensures optimal control of the hydraulic assembly. This type of winch also guarantees a constant tension of the wire rope between the unwinding pulley and the drum, thus preventing damage to the drum or pulley and enabling a longer service life.

Standard equipment on 55Hpro, 65Hpro/HFpro and 85Hpro, **optional** for the other models.

TEST
kwf



Control console has automatic transition from pulse to continuous off mode.



Longer service life of the winch:



- HAWE seated solenoid valves with a high-pressure filter integrated in the control block. Hydraulic components (tank, cylinders etc.) have been galvanised for anti-corrosion protection. They are installed inside the winch frame for maximum protection from damage and adverse weather conditions.



- Hydraulic pump is gear driven.
- High-pressure oil filter preventing dirt from entering the hydraulic block.

Longer wire rope service life:



- Pressure relief brake for constant tension of the wire rope on the drum.
- Electronic control ensures proper tension of the wire rope during unwinding.
- Adjustment of wire rope unwinding speed - adjusted for user and field.

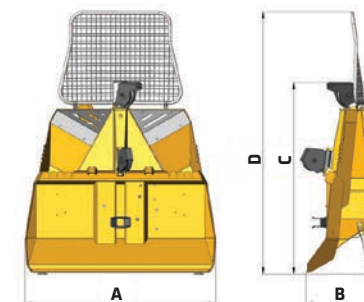


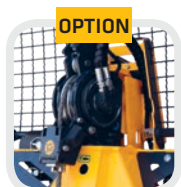
65HFpro

- Superior design with ergonomic shape
- New technological solutions
- Robust construction
- Hydraulic winches with speed reduction
- Winch for front or rear installation



65H/65Hpro:



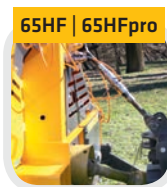


AUTO STOP function (limit switch) automatically stops the function of winding the wire rope on the drum. This function prevents mechanical damages of the unwinding device, entanglement and wire rope damages.

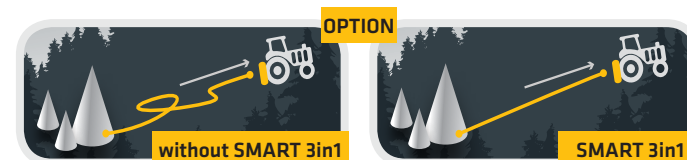


Winches 65HF and 65HFpro can be installed at front or rear. Both models have unwinding device as standard equipment.

Front installation: PTO shaft should be installed to the lower PTO drive - rotation to the left (1000 min⁻¹).
Rear installation: PTO shaft should be installed to the upper PTO drive - rotation to the right (540 min⁻¹).



Hydraulic hinged butt plate lowers the centre of gravity for easier timber handling and log stacking.



- (1) When pulling logs with a tractor, you may encounter some obstacles on the road (hill, roots etc.). If the tractor is not able to overcome these obstacles, the unwinding function can be switched into the mode without the assistance of the unwinding device and you can continue driving with a taught wire rope between the winch and the load.
- (2) The unwinding device can be turned on and off without delay (the standard model has a 1.5 sec. delay).
- (3) The SMART 3in1 function ensures additional tension of the wire rope between the unwinding pulley and drum.

This function is only available with the remote controls Teleradio, Terra funk and manual console.

Model		45H	45Hpro	55H	55Hpro	65H/65HF	65Hpro/HFpro	85H	85Hpro	95Hpro
Pulling force	kN	45	45	55	55	65	65	85	85	90
Wire rope medium speed	m/s	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60
Drum capacity length/diameter	m/mm	135/9	135/9	110/10	110/10	-	-	-	-	-
		110/10	110/10	90/11	90/11	120/11	120/11	120/12	120/12	-
		90/11	90/11	75/12	75/12	100/12	100/12	100/13	100/13	90/13
Standard	m/mm	70/10	70/10	70/11	70/11	80/12	80/12	90/13	90/13	75/14
Recommended tractor power	kW	37-50	37-50	40-55	40-55	45-70	45-70	min. 50	min. 50	min. 55
	HP	50-68	50-68	54-75	54-75	61-95	61-95	min. 68	min. 68	min. 74
PTO shaft revolutions	min ⁻¹	540	540	540	540	540	540	540	540	540
Dimensions A	mm	1490	1490	1590	1590	1685	1800/1685	1800	2000	2000
		/	/	● 1800	● 1800	● 1800	/	● 2000	/	/
Hydraulic hinged butt plate	mm	/	/	/	/	/	/	/	● 2000	●
Dimensions B	mm	490	490	490	490	750	750	780	780	780
	C	1400	1500	1480	1580	1800	1800/1685	1800	1800	1800
	D	2170	2170	2300	2300	2300	2300	2300	2300	2300
Weight without wire rope	kg	395	421	409	435	564	564/595	613	649	669
		/	/	● 426	● 453	● 584	/	● 639	/	/
Trailer tow hitch		●	●	●	●	●	●	●	●	●
Lower pulley		●	●	●	●	●	●	●	●	●
Chainsaw holder		●	●	●	●	●	●	●	●	●
Pickaxe holder		●	●	●	●	●	●	●	●	●
Foldable window guard		●	●	●	●	●	●	●	●	●
Multi-plate clutch		●	●	●	●	●	●	●	●	●
Unwinding device		●	●	●	●	●	●	●	●	●
Auto Stop function		●	●	●	●	●	●	●	●	●
Smart 3in1 *		/	●	/	●	/	●	/	●	●
Dedicated valve for wire rope constant tensioning		/	●	/	●	/	●	/	●	●
Wire rope unwinding speed adjustment		/	●	/	●	/	●	/	●	●
Control		H	H	H	H	H	H	H	H	H
Connection category (coupling)		I, II	I, II	I, II	I, II	II, III	II, III	II, III	II, III	II, III

● Standard | ● Option | / Not possible | H - electro hydraulic | Double flattened wire rope | * Only available if the unwinding device is installed



Forestry winches **STANDARD**

The STANDARD forestry winches represent the basic models of chain driven winches, which have been designed for those who only require winches occasionally for harvesting small quantities of timber.

SERIES E

30E | 40ECO | 40E | 40ER | 50ECO |
50E | 50ER | 70E

SERIES EH

40EH | 40EHpro | 50EH | 50EHpro |
60EH | 60EHpro | 80EH | 80EHpro

Common features of STANDARD winches

LOWER PULLEY



Lower pulley with a magnet and a safety mechanism to prevent the wire rope from falling out.

ADDITIONAL HOLDERS



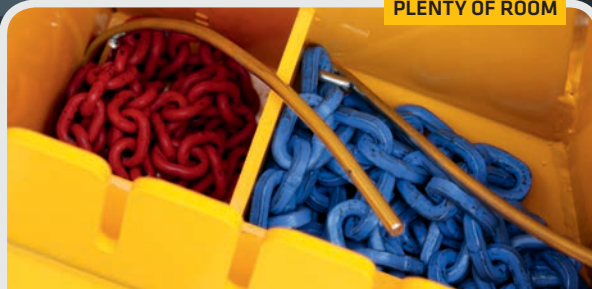
Axe, pickaxe and chainsaw holder.

TWO DIFFERENT HEIGHTS



Two different heights of attachment to the tractor with a reliable protection preventing the linkage mounting pins from falling out (support leg attachment).

PLENTY OF ROOM



Plenty of room on the front side of the butt plate to keep the dirt from tractor wheels away from the chains and other accessories.

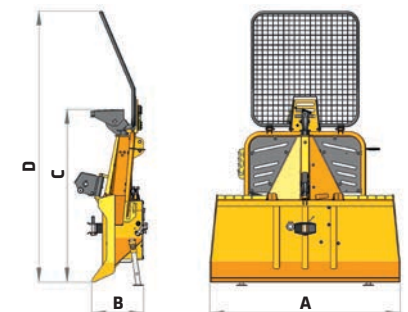
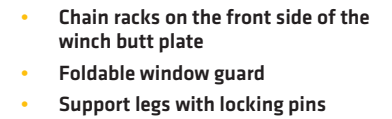
PATENT

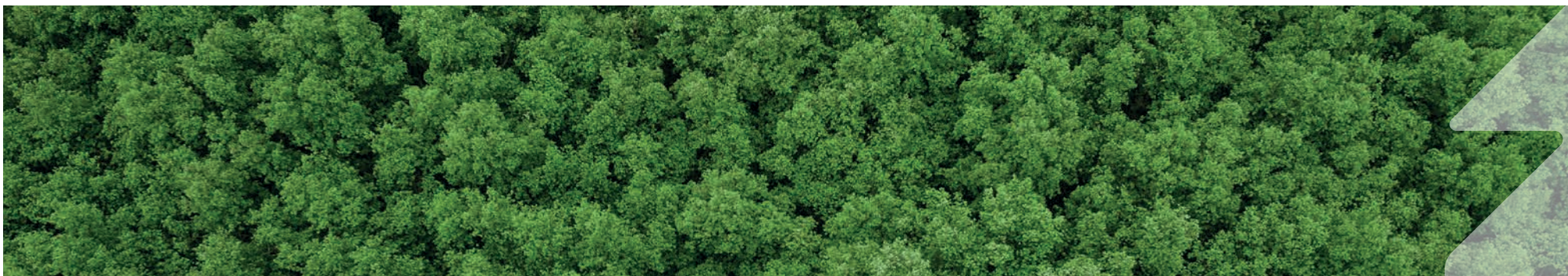
FOLDABLE WINDOW GUARD



Foldable window guard for easy transportation.

A yellow Uniforest 50eco stump puller is shown against a white background. The machine features a large black safety cage at the rear. The brand name 'UNIFOREST' and the model '50eco' are visible on the yellow body. A red safety key is attached to the front mechanism.





Model		30E	40eco	40E	40ER	50eco	50E	50ER	70E
Pulling force	kN	30	40	40	40	50	50	50	70
Wire rope medium speed	m/s	0,85	0,90	0,90	0,60	0,90	0,90	0,60	0,60
Drum capacity length/diameter	m/mm	-	90/9	130/9	130/9	100/10	100/10	100/10	-
		80/8	75/10	100/10	100/10	90/11	90/11	90/11	120/11
		65/9	60/11	85/11	85/11	75/12	75/12	75/12	100/12
Standard	m/mm	50/9	60/10	70/10	70/10	60/11	70/11	70/11	80/12
Recommended tractor power	kW	11-25	11-33	22-40	22-40	22-40	33-50	33-50	40-66
	HP	16-34	16-45	30-54	30-54	30-54	45-70	45-70	55-90
PTO shaft revolutions	min ⁻¹	540	540	540	540	540	540	540	540
Dimensions	A	mm	1000	1375	1400	1400	1400	1500	1600
	B		420	450	480	480	480	480	650
	C		1060	1160	1315	1315	1315	1430	1640
	D		2000	2000	2000	2000	2000	2300	2300
Weight without wire rope	kg	180	229	331	337	303	366	372	508
Trailer tow hitch		●	●	●	●	●	●	●	●
Lower pulley		/	●	●	●	●	●	●	●
Chainsaw holder		/	●	●	●	●	●	●	●
Pickaxe holder		/	●	●	●	●	●	●	●
Foldable window guard		/	●	●	●	●	●	●	●
Control		M	M	M	M	M	M	M	M
Connection category (coupling)		I	I, II	I, II	I, II	I, II	I, II	I, II	I, II

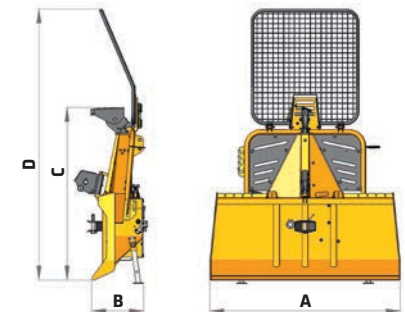
● Standard | ● Option | / Not possible | M - mechanical | Double flatted wire rope

SERIES EH

The EH series includes an array of STAND-ARD forestry winches with electro-hydraulic control and capacities from 4 to 8 tons.



- Chain racks on the front side of the winch butt plate
- Foldable window guard
- Support legs with locking pins





Hydraulic equipment has many advantages:

- integrated tensioning system to keep the cable tight between the top pulley and the drum - to prevent tangling,
- valve for adjusting the wire rope unwinding speed,
- integrated pressure filter in the block - prevents dirt from entering the hydraulic block,
- valve for steady actuation of the brake cylinder.

WIRE ROPE UNWINDING

To make the wire rope unwinding easier you can choose a winch with an integrated device for unwinding. The unwinding device is electronically guided and ensures optimal control of the hydraulic assembly. This type of winch also guarantees a constant tension of the wire rope between the unwinding pulley and the drum, thus preventing damage to the drum or pulley and enabling a longer service life.

PATENT

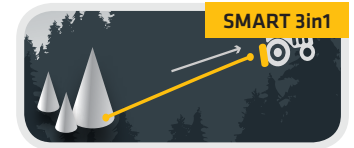
AUTO STOP (limit switch)

AUTO STOP function (limit switch) automatically stops the function of winding the wire rope on the drum. This function prevents mechanical damages of the unwinding device, entanglement and wire rope damages.



(1) When pulling logs with a tractor, you may encounter some obstacles on the road (hill, roots etc.). If the tractor is not able to overcome these obstacles, the unwinding function can be switched into the mode without the assistance of the unwinding device and you can continue driving with a taught wire rope between the winch and the load. (2) The unwinding device can be turned on and off without delay (the standard model has a 1.5 sec. delay). (3) The SMART 3in1 function ensures additional tension of the wire rope between the unwinding pulley and drum.

This function is only available with the remote controls Teleradio, Terra funk and manual console.



Model		40EH	50EH	50EHpro	60EH	60EHpro	80EH	80EHpro
Pulling force	kN	40	50	50	60	60	80	80
Wire rope medium speed	m/s	0,60	0,60	0,60	0,60	0,60	0,60	0,60
Drum capacity length/diameter	m/mm	130/9	110/10	100/10	-	-	-	-
		100/10	90/11	90/11	120/11	120/11	120/12	120/12
	m/mm	85/11	75/12	75/12	100/12	100/12	100/13	100/13
		70/10	70/11	70/11	80/12	80/12	90/13	90/13
Recommended tractor power	kW	22-40	40-55	33-50	40-66	40-66	min. 50	min. 50
	HP	30-54	54-75	45-70	55-90	55-90	min. 68	min. 68
PTO shaft revolutions	min-1	540	540	540	540	540	540	540
Dimensions	A	1500	1600	1600	1600	1600	1800	1800
	B	480	490	490	650	650	650	650
	C	1315	1480	1480	1640	1640	1650	1650
	D	2000	2300	2300	2300	2300	2300	2300
Weight without wire rope	kg	366	409	395	538	538	580	580
Trailer tow hitch		●	●	●	●	●	●	●
Lower pulley		●	●	●	●	●	●	●
Chainsaw holder		●	●	●	●	●	●	●
Pickaxe holder		●	●	●	●	●	●	●
Foldable window guard		●	●	●	●	●	●	●
Unwinding device		●	●	●	●	●	●	●
Auto Stop function		●	●	●	●	●	●	●
SMART 3in1*		●	●	●	●	●	●	●
Control		H	H	H	H	H	H	H
Connection category (coupling)		I, II	I, II	I, II	II, III	II, III	II, III	II, III

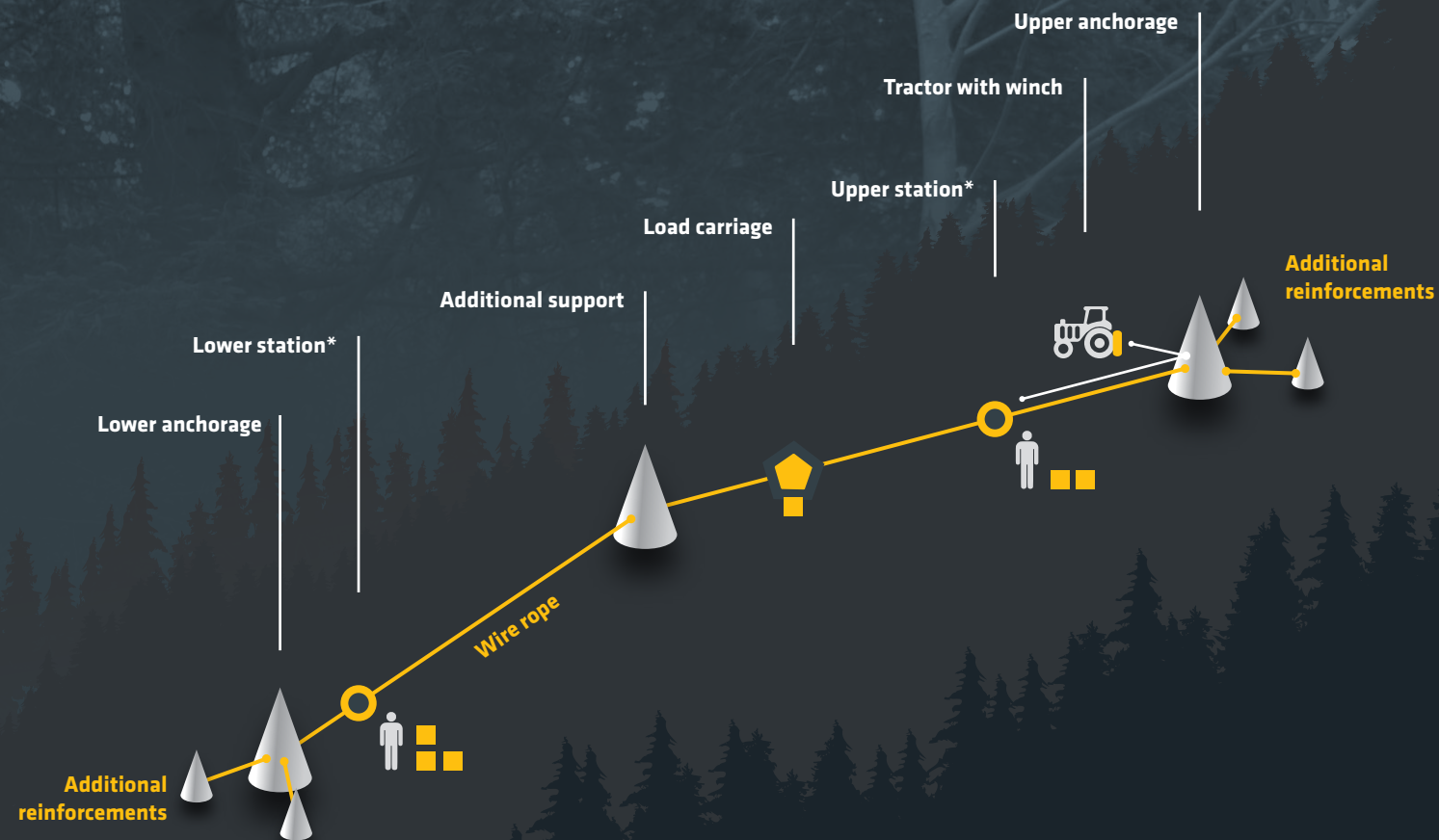
● Standard | ● Option | / Not possible | H - electro hydraulic | Double flatted wire rope | * Only available, if the unwinding device is installed

An aerial photograph of a dense, lush green forest, likely a coniferous forest, covering a steep slope. The trees are tightly packed, and the overall color is a vibrant green.

MINI-CABLEWAY *system*

The mini-cableway system was designed for transporting timber from steep, inaccessible slopes. For this reason in particular it is easy to install and it can adapt to any terrain, with only two operators required.

1500MS | 2500HS premium



* Only 1500MS. 2500HS premium does not require the upper and lower station.

1500HS PREMIUM



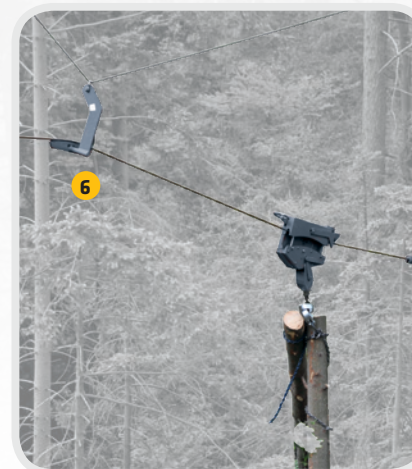
CABLEWAY CAN BE MANAGED
BY TWO PERSONS ONLY



Mechanical system for
constant lowering speed
of the carriage.



1500MS



Winch		85HS*
Pulling force	kN	85
Wire rope medium speed	m/s	0,60
Wire rope length & diameter (inner drum)	m/mm	300/8
Recommended min. tractor power	kW/HP	50/68
Width	mm	1800
Weight without wire rope	kg	630
Lowering speed	m/s	4-6
Front drum		FD 400
Wire rope length & diameter	m/mm	400/14
Weight without wire rope	kg	90
Winding/Unwinding		Hydromotor
Carriage		1500MS
Capacity	kN	1,5
Weight	kg	80
Supporting wire rope	mm	14
Pulling wire rope	mm	8
Release speed	m/s	4-6

* The winch is also suitable for timber harvesting but it is necessary to install a wire rope of adequate strength.



THE MINI-CABLEWAY SYSTEM COMPRISES:

- 1 Winch 85HS with front drum for wire rope support
- 2 1500MS carriage
- 3 Upper station - fixed
- 4 Lower station - moves up and down the supporting wire during operation
- 5 Manual hydraulic pump for attaching the lower station to the supporting wire.
- 6 support guide for long lines and rugged terrain
- 7 special remote control with two transmitters and a safe work function

2500HS PREMIUM

*The 2500HS Premium carriage is an independent machine.
It can be used with any mini-cableway system.*

2500HS PREMIUM

- New design
- High load capacity in proportion to the overall weight
- Remote control
- UNIFOREST carriage and winch can both be controlled with one remote control
- Lower and upper stations are not required – users can determine the desired intermediate position for load attachment on their own



2500HS premium



**CABLEWAY CAN BE MANAGED
BY TWO PERSONS ONLY**

Model		2500HS premium
Capacity	kN	25
Weight	kg	180
Supporting wire rope diameter	mm	16-20

terrafunk

The models FA5-K1P and FA5-K2P come with integrated tractor overturn protection as standard.



TERRA FA5-D1P

**5 YEARS
Warranty**



TERRA FA5-D2P



Model		TERRA FA5-D1P	TERRA FA5-D2P	TERRA FA5-K1P	TERRA FA5-K2P
Pull function		●	●	●	●
Pulse or lasting		●	●	●	●
Motor START/STOP		●	●	●	●
Throttle regulation		●	●	●	●
SMART 3in1		●	●	●	●
PTO switch on		●	●	●	●
Emergency call - ARGUS -2		●	●	●	●
The tractor overturn protection (an-tikipp with el. throttle adjustment)		/	/	●	●
Range (approx.)	m	500	500	500	500
Frequency	MHz	433, 875-434, 650	433, 875-434, 650	433, 875-434, 650	433, 875-434, 650
Number of functions		8	8	8	8
Transmitter-dimensions / Weight	mm/g	155x110x30 / 600	155x110x30 / 600	155x110x30 / 600	155x110x30 / 600
Power source / batteries	mA	600	600	600	600
Receiver dimensions	mm	200x120x75	200x120x75	200x120x75	200x120x75
Operational voltage	V	12	12	12	12
Type of protection		IP 65	IP 65	IP 65	IP 65

● Standard | ● Option | / Not possible | D1P/K1P - single drum | D2P/K2P - double drum



Quick Charger SLG-250

- Intelligent charging technology
- Suitable for all FA-5 and FA7 models manufactured since 2000
- Operating voltage 12 V / 230 V



Tractor charger MLG-7/70-12 / 24

- EURO plug 12/24 V in motor vehicles
- Suitable for models FA-5

TELE RADIO®
REMOTE CONTROL



Tele Radio T-60-UF



Tele Radio T-70-1



Tele Radio T-80-1



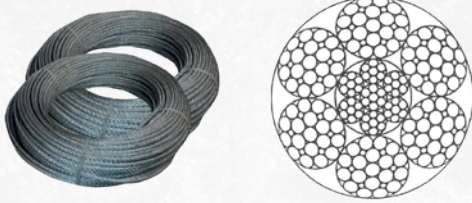
Mechanical throttle regulation
For Terra Funk and
Tele Radio.

Model		T60-UF	T70-1	T80-1
Suitable for		Single drum winch	Single drum winch	Single drum winch
Pull function		●	●	●
Pulse or lasting		●	●	●
Motor START/STOP		/	●	●
Throttle regulation		●	●	●
SMART 3in1		●	●	●
Horn		/	/	●
Range (approx.)	m	180	180	180
Frequency	MHz	2400	2400	2400
Number of functions (max.)		6	8	8
Transmitter-dimensions / Weight	mm/g	113x66x35 / 140	185x80x44 / 400	170x117x40 / 640
Power source / batteries		3 x 1,5 V AAA	3 x 1,5 V AAA	3,7 V Li-Ion
Receiver dimensions	mm	133x120x45	190x160x75	120x116x50
Operational voltage	V	12-24	12-24	12-24
Type of protection		IP 65	IP 65	IP 65

● Standard | ● Option | / Not possible

Accessories

Wire rope



Model	Wire rope 6x25 (specific break force 1960 N/mm²)	
Diameter	Min. breaking force	Weight
Ø mm	kN	kg/m
8,0	58,2	0,361
9,0	79,2	0,441
10,0	98,4	0,547
11,0	116,0	0,633
12,0	137,0	0,762
13,0	162,0	0,900
14,0	184,0	1,070

Forestry choker chains



80 GRAD

100 GRAD

Model		Pulling force (daN/kg)	Diameter (mm)	Length (m)	Weight/1 m (kg)
VER-D8-80 GRAD	○	4000	8	2,5	1,44
VER-DV7-100 GRAD, Double-edged	□	4500	7	2,5/3,0	1,23
VER-DV8-100 GRAD, Double-edged	□	6000	8	2,5/3,0	1,66

Synthetic rope



Model	DYNARED		Model	TEUFELBERGER STRATOS® Winch Pro		
Diameter	Breaking force	Weight per 100 m	Diameter	Wire rope diameter	Breaking force*	Weight per 100 m
Ø mm	kN	kg	Ø mm	Ø mm	kN	kg
10,0	99	5,00	12,0	15,0	160,0	14,0
12,0	139	7,40	14,0	17,0	210,0	18,5
14,0	181	9,60	16,0	20,0	260,0	24,4
16,0	241	12,80				

* Minimum break force when of unloaded length

Pulleys



POK

VIIG

Model	Permissible force (kN)	Weight (kg)
POK 4t	40	6,9
POK 6t	60	8,9
POK 9t	90	13
VIIG AI-100	100	2,40
VIIG AI-150	150	3,90

PTO shafts



Model	Cross (mm)	Length (mm)	Weight (kg)	Suitable for winch with pulling force (kN)
W 200 E	24	560	7,0	30-45
W 300 E	27	560	9,0	50-55
W 400 E	32	560	12,7	60-85





FIREWOOD *processors*

Production of larger quantities of firewood has never been as easy and quick as with the TITAN firewood processor. It ensures safe use and easy maintenance. The machine is also environmentally friendly because it does not pollute the environment and the leftover wood after cutting and splitting can be recovered for further processing.

TITAN 40/20 PREMIUM

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

TITAN 43/20J STANDARD

CD | E | CD+E

TITAN 43/20 STANDARD

CD | E | CD+E

LOG DECKS

DM2000/2 | DM4000/2 |
DM4000/3

EXTRACTION DEVICES & SAWDUST SEPARATOR

OE pro | OH pro | C180

Common features of the TITAN firewood processors

SEPARATION GRILL



Separation grill
before conveyor.



Conveyor belt tilt.



SEPARATOR - OPTION

The extremely
light separator
(22 kg) allows
the wood to fall
on the trailer or
in the bag while
keeping the en-
vironment clean
(free of sawdust).

TITAN 40/20 PREMIUM

The firewood processor TITAN 40/20 premium for larger quantities of firewood is a compact, reliable and mobile solution.



Thanks to its resilience to foreign materials in the wood and the shape of its teeth, the cemented carbide circular saw will cut through the log with an incredible speed. The movement of the circular saw, including the adjustment of the cutting speed, is hydraulically controlled.

ECO FRIENDLY

The circular saw requires no lubrication with oil which could be dispersed in the environment, so there is no risk of environmental pollution.



Hydraulic control manometers display system pressure for auxiliary functions and splitting pressure.
1. The ON/OFF switch and emergency stop switch when the machine operates with the electric motor.
2. Cutting speed adjustment.
3. Hydraulic control levers.

In addition to easy maintenance, these features enable the machine to be used under harsh conditions.



TITAN 40/20 premium CD+E



OPTION
Telescopic hydraulic lifting table for logs up to 4000 mm.



Driven in-feed rollers.



Axle kit – 200/60/R14.5 wheels.



1. 15 kW electric motor.
2. Category II and III linkage.



Hydraulic clamp holds log during cutting.



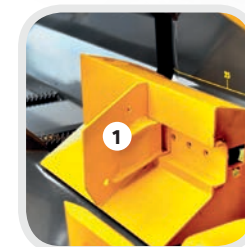
Mechanical winch for adjusting conveyor height.



Conveyor belt adjusting position L/R $\pm 15^\circ$.



Automatic Autospeed valve for splitting force regulation.

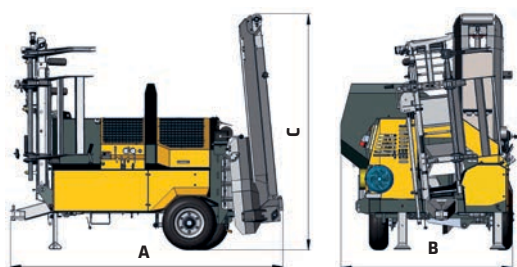


Hydraulic feeder moves logs from cutting to splitting part.
1. Log length guide automatic release.

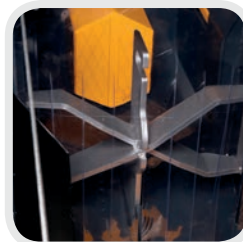


TITAN 40/20 premium with LOG DECK

- Mechanical-hydraulic control
- The circular saw and the cutting/ splitting assembly are installed at the same level – low enough to prevent logs from falling off
- The machine can be transported with a minimum 45-HP tractor



Splitting length 25, 33, 40, 50 or 60 cm.



Hydraulically adjustable height of the splitting knife 2-4, 2-6, 2-8, 2-12.



Temperature and oil level indicators.



Towing hitch for linkage tool bar (draw bar - optional).



Pickaxe holder.

Class		TITAN 40/20 premium			
Model		CD	CD TR	CD+E	CD+E TR
Engine power	kW	/	/	15	15
Recommended tractor power	kW/HP	35/45	35/45	35/45	35/45
Max. cutting diameter	mm	400	400	400	400
Splitting force	kN/t	200/20	200/20	200/20	200/20
Log lengths	cm	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60
Circular saw diameter	mm	1000	1000	1000	1000
Weight*	kg	1650	1850	1800	2000
Dimensions	A	3120	3120	3120	3120
	B	1970	1970	1970	1970
	C	2700	2700	2700	2700
Oil quantity	l	110	110	110	110
Conveyor belt slew (L/R ± 15°)	mechanic	●	●	●	●
	hydraulic	●	●	●	●
In-feed bed with 6 hydraulic rollers (height cca 600/length 2000)		●	●	●	●
Pickaxe holder		●	●	●	●
Small pickaxe holder		●	●	●	●
Auto-speed valve		●	●	●	●
Telescopic conveyor belt with a mechanical winch for height adjustment and telescopic cylinder (L 5000 / W 350)		●	●	●	●
Telescopic hydraulic lifting table		●	●	●	●
Splitting knife 2-4	1 pcs	●	●	●	●
Splitting knife 2-6 / 2-8 / 2-12	1 pcs	●	●	●	●
Oil heater		/	/	●	●
Oil cooler		●	●	●	●
Separator		●	●	●	●

● Standard | ● Option | / Not possible | CD - PTO (tractor drive) | CD-E - Combination | TR - Wheels | *The weight of the tractor is important during transport.

TITAN 43/20J STANDARD

The TITAN 43/20J standard firewood processor with electronic control lever (joystick) is, in comparison to mechanical machine, completed and advanced version. It ensures easy operation and fast work.



TITAN 43/20J standard CD

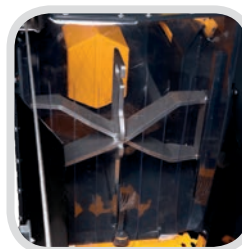


Control Panel

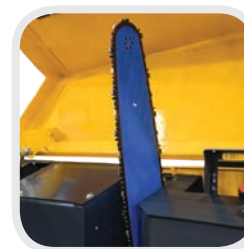
1. Activation in case of an electric motor.
2. Harvest chainsaw bar speed regulation.
3. Emergency stop.
4. Optional deactivation switch for the retaining plate.
5. On/off and reverse movement adjustment of the conveyor belt.
6. Switch for saving time when splitting short logs.
7. Electronic control lever - joystick.



Mechanical winch for adjusting conveyor height.



Hydraulically adjustable height of the splitting knife 2-4, 2-6, 2-8, 2-12.



Durable and powerful harvest chainsaw bar.



Log deck.

LIFTING TABLE (OPTION)

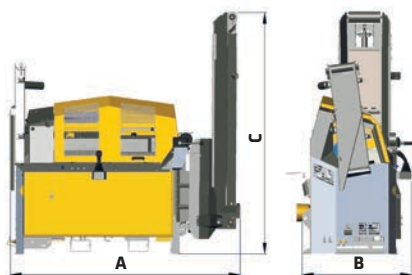


For easier work, the LT650 lifting table with a width of 1700 mm can be mounted in the front.

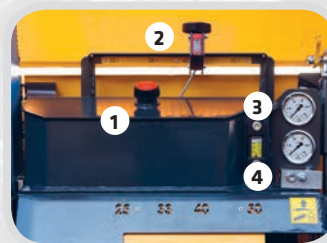


TITAN 43/20] STANDARD

- Operated with an electronic control lever (joystick)
- Compact bi-directional chain conveyor belt
- Harvester chainsaw bar
- Small and ergonomic



Conveyor belt speed regulation.



1. Oil tank for automatic chain lubrication with an oil level indicator.
2. Splitting length 25, 33, 40 or 50 cm.
3. The pressure gauges indicate the splitting pressure and the system pressure for auxiliary functions.
4. Chain lubrication adjustment system.



Shutter for retaining the log deck during transport.



Conveyor belt adjusting position L/R $\pm 15^\circ$.

Class		TITAN 43/20] STANDARD			
Model		CD	E	CD+E	
Engine power		kW	/	11	11
Recommended tractor power		kW/HP	30/40 (Transport 60/80)	/ (Transport 60/80)	30/40 (Transport 60/80)
Max. cutting diameter		mm	430	430	430
Splitting force		kN/t	200/20	200/20	200/20
Log lengths		cm	25, 33, 40, 50	25, 33, 40, 50	25, 33, 40, 50
Conveyor belt slew (L/R $\pm 15^\circ$)			hydraulic	hydraulic	hydraulic
Control			Joystick	Joystick	Joystick
Weight*		kg	1220	1270	1285
Dimension	A	mm	2550	2580	2580
	B		1280	1280	1280
	C		2650	2650	2650
Oil quantity		l	100	100	100
Telescopic conveyor belt with a mechanical winch for height adjustment and telescopic cylinder (L 5000 / W 350)			●	●	●
Einstellung der Höhe des Spaltmessers			hydraulic	hydraulic	hydraulic
Greifer zur Stammfixierung			hydraulic	hydraulic	hydraulic
Splitting knife 2-4		1 pcs	●	●	●
Splitting knife 2-6 / 2-8 / 2-12		1 pcs	●	●	●
Oil heater			/	●	●
Oil cooler			●	●	●
Separator			●	●	●

● Standard | ● Option | / Not possible | CD - PTO (tractor drive) | CD-E - Combination | TR - Wheels | *The weight of the tractor is important during transport.

TITAN 43/20 STANDARD

The compact firewood processor Titan 40/20 standard is a new cutting machine that uses a chainsaw bar to cut logs. In addition to being designed in accordance with the highest safety standards, it is also user-friendly.



Log deck.



Log stabilizer.



TITAN 43/20 standard CD



Mechanical winch for adjusting conveyor height.



LIFTING TABLE (OPTION)

For easier work, the LT650 lifting table with a width of 1700 mm can be mounted in the front.



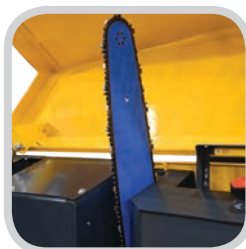
Oil tank for automatic chain lubrication with an oil level indicator.



Splitting knife height adjustment handle.



Splitting length 25, 33, 40 or 50 cm.



Durable and powerful harvest chainsaw bar.



Handle for optional deactivation of log retaining plate.



Log stabilizer handle.



Saw activation handle.



1. Log movement handle on the log deck.
2. Conveyor belt speed regulation.



The pressure gauges indicate the splitting pressure and the system pressure for auxiliary functions.



Chain lubrication adjustment system.



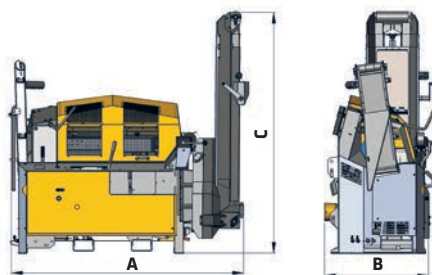
Handle for manual activation/deactivation of log splitting.



Shutter for retaining the log deck during transport.

TITAN 43/20 STANDARD

- Compact bi-directional chain conveyor belt
- Harvester chainsaw bar
- Small and ergonomic



Class

TITAN 43/20J STANDARD

Model		CD	E	CD+E
Engine power		kW	/	11
Recommended tractor power		kW/HP	30/40 (Transport 60/80)	/ (Transport 60/80)
Max. cutting diameter		mm	430	430
Splitting force		kN/t	200/20	200/20
Log lengths		cm	25, 33, 40, 50	25, 33, 40, 50
Conveyor belt slew (L/R ± 15°)			hydraulic	hydraulic
Control			mechanic	mechanic
Weight*		kg	1200	1250
Dimension	A	mm	2550	2580
	B		1280	1280
	C		2650	2650
Oil quantity		l	100	100
Telescopic conveyor belt with a mechanical winch for height adjustment and telescopic cylinder (L 5000 / W 350)			●	●
Einstellung der Höhe des Spaltmessers			mechanic	mechanic
Greifer zur Stammfixierung			mechanic	mechanic
Splitting knife 2-4		1 pcs	●	●
Splitting knife 2-6 / 2-8 / 2-12		1 pcs	●	●
Oil heater			/	●
Oil cooler			●	●
Separator			●	●

● Standard | ● Option | / Not possible | CD - PTO (tractor drive) | CD-E - Combination | TR - Wheels | *The weight of the tractor is important during transport.

LOG DECK

Log decks are available in two or four meter-long versions. Logs are loaded with a chain and spiked rollers – rolling instead of sliding logs.



Log deck DM4000/2

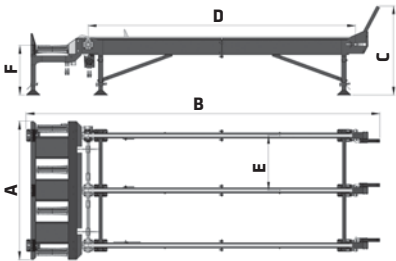


Log deck DM4000/3 with three chains



Model		DM2000/2	DM4000/2	DM4000/3
Load capacity	m³	6	6	6
Max. working pressure	MPa	19	19	19
No. of chains		2	2	3
Length	mm	2000	4000	4000
Width between chains	mm	1600	1600	800/1600
Adjustable table height	mm	680-930	680-930	680-930
Weight	kg	500	750	900
Adjustable length of the Log deck		●	●	●

● Standard



EXTRACTION DEVICES & SAWDUST SEPARATOR

Extraction devices enable continuous and simple extraction of sawdust after cutting. Sawdust Separator is intended for sawdust storage.

OEpro

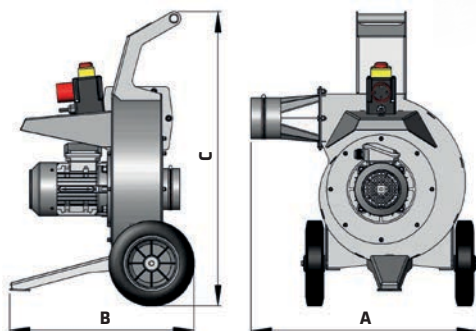
- All devices are equipped with wheels
- Compact and durable
- Easy maintenance



C180



OEpro



Model	C180	
Bag Volume	l	180
Width x Length x Height (transport dimensions)	mm	550 x 550 x 1630
Working Height	mm	2650
Suction Tube	mm	Ø 120
Weight	kg	30

Model	OE pro		OH pro
Required hydraulic oil flow	l/min	/	20
Maximum hydraulic oil flow	l/min	/	80
Output power	kW/V/Hz	1,1 / 230 / 50 - single-phase	/
Number of revolutions	min ⁻¹	2860	2860
Protection rating CEI 70-1 (EN 60529)		IP 54	/
Diameter and length of the pressure (discharge) hose	mm	Ø 120 / length 8000	Ø 120 / length 8000
Dimensions	A	mm	662
	B	mm	539
	C	mm	855
Weight	kg	37	30

/ Not possible







Log **SPLITTERS**

Log splitting becomes a pleasure with TITANIUM log splitters. They are advanced and sophisticated in terms of technology and quality. Log splitting is safe, fast and easy, with minimum effort. We take pride in their accomplished design for which we were awarded the prestigious German Design Award Special 2017 in acknowledgment of this unique design.

TITANIUM 11

11CD | 11E | 11CD+E

TITANIUM 14

14CD | 14E | 14CD+E | 14TR

TITANIUM 18

18CD | 18E | 18CD+E | 18TR

TITANIUM 23

23CD | 23CDF | 23E | 23CD+E

TITANIUM 27

27CD | 27CDF | 27E | 27CD+E

WINCH HEAD

TFS8 | TFS8F

Common features of TITANIUM log SPLITTERS

CAST IRON HYDRAULIC PUMP



Cast iron hydraulic pump ensures quiet operation and long service life of the log splitter.

SERRATED LEVER



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

LOG LIFTER



The log lifter puts the log into working or transport position.

AUTOMATIC DEACTIVATION



Automatic deactivation of the knife: the three position de-activation switch prevents knife and splitting table damages.

TANK HOLDER



Adjustable tank holder - suitable for all fuel tank types.

SPLITTING TABLE



Single or double log table with an extension.

TITANIUM

The TITANIUM log splitters can be equipped with a tractor (PTO), electric, combined or petrol drive. Their splitting forces range from 10 to 26 tons.



1. Auto-speed (AS) valve for automatic speed regulation.
2. Models 11, 14 and 18 have double bottom tank, which prevents oil spilling.



2-stage gear pump with Electric & combination drive enables lower energy consumption (models 23 and 27, model 18 - **OPTIONAL**).



TITANIUM 23CD+E



Galvanized oil tank (models 23 and 27) prevents oil spilling and enables its easy maintenance.

OPTION



Scissor grab for pulling and handling heavier logs.



Log table with two height adjustments for different log sizes and reducing the strain on the user.

OPTION



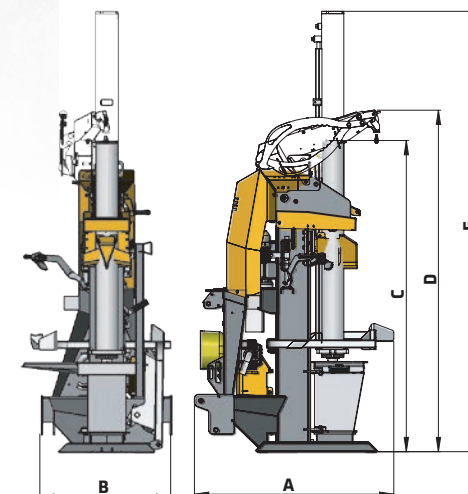
Wheels & handle for manual transport.



TITANIUM 23CD

TITANIUM 11CD

- Quick and efficient splitting – the knife quickly returns to its original position
- Many holders for additional equipment and tools



Log splitters

The models that stand out in the classes 23 and 27 are tractor (PTO) powered TITANIUM 23CDF and 27CDF log splitters with a front or rear attachment.



TITANIUM 27CDF



Front and rear attachment.



TITANIUM 27CDF

- Front PTO attachment: rotation to the left, maximum PTO drive shaft speed 1000 rpm
- Rear PTO attachment: rotation to the right, maximum PTO drive shaft speed 540 rpm

WINCH HEAD



Hydraulic winch options:

- with radio remote control (HR) or,
- with the hydraulic control lever (HM).

- Installation possible for models 14, 18, 23 and 27
- The wire rope passes through the middle of log splitter
- Automatic unwinding with wire rope tensioning
- Sealed ball bearings in rollers (no lubrication needed) for smooth wire rope winding and unwinding



Model		8 HM	8 HR
Pulling force	kN	7,5	7,5
Wire rope diameter / length	mm/m	6/20	6/20
Weight without wire rope	kg	55	55
Wire rope speed	m/min	max. 50	max. 50
Scissor grab		●	●

● Option

Class		TITANIUM 11			TITANIUM 14		
Model/Drive		CD	E	CD+E	CD	E	CD+E
Engine power	kW	/	4,0	4,0	/	5,5	5,5
Recommended tractor power	kW/HP	15/20	/	15/20	21/29	/	21/29
Required torque of the cardan shaft	Nm	105	/	105	199	/	199
Splitting force	t	10	10	10	13	13	13
Axe stroke	mm	1100	1100	1100	1100	1100	1100
Height of the log	mm	1150	1150	1150	1150	1150	1150
Height of log on the table	mm	580 / 400	580 / 400	580 / 400	580 / 400	580 / 400	580 / 400
Splitting speed H2/H1/PH	cm/s	22/11/22	13/6/13	22/11/22	29/15/29	14/7/14	29/15/29
Splitting time H2/H1/PH	s/1100 mm	5/10,5/5	8/14/6	5/10,5/5	3,8/7,2/3,8	8/13/8	3,8/7,2/3,8
Oil pressure	MPa	25	25	25	25	25	25
PTO shaft revolutions	min ⁻¹	540	/	540	540	/	540
Weight	kg	210	240	280	360	365	395
Dimensions	A	900	900	900	1050	1050	1050
	B	630	630	630	824	824	824
	C	1850	1850	1850	1850	1850	1850
	D	/	/	/	2050	2050	2050
	E	2680	2680	2680	2713	2713	2713
Oil quantity	l	15	15	15	20	20	20
Cast pump		●	/	●	●	/	●
2-stage gear pump		/	/	/	/	/	/
Auto-speed (AS)		●	●	●	●	●	●
Handle		●	●	●	●	●	●
Pickaxe and small pickaxe holder		/	/	/	●	●	●
Axe holder		/	/	/	●	●	●
Single or double log table with an extension		●	●	●	●	●	●
Automatic deactivation of the axe		●	●	●	●	●	●
Cross blade with a holder		●	●	●	●	●	●
Fuel tank holder		●	●	●	●	●	●
Chainsaw holder		/	/	/	●	●	●
Oil cooler		/	/	/	/	/	/
Hydraulic winch		/	/	/	●	/	●
Manual transport kit		●	●	●	●	●	●

● Standard | ● Option | / Not possible | CD - PTO (tractor drive) | E - elektric motor | CD-E - combination

[illegible]

ROAD TOW LOG SPLITTER WITH PETROL ENGINE

TITANIUM 14-18TR log splitter with a splitting force of 13 or 16 tons is mounted on a trailer and powered by a petrol engine.



Fitted with a hydraulic cylinder for switching between working and transport positions.



Four Stroke petrol engine 6 kW.

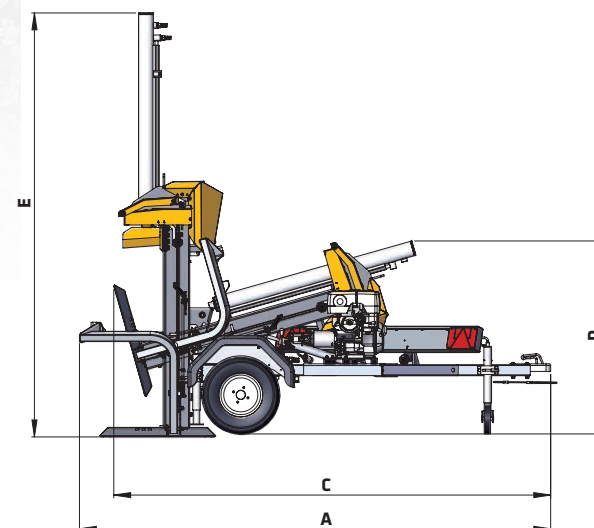


TITANIUM 14TR



TITANIUM 14TR

- Available for Titanium 14 and Titanium 18
- Ball hitch for private vehicles, maximum gross weight of 750 kg



Model		TITANIUM 14TR	TITANIUM 18TR
Drive		TR	TR
Engine power	kW	6	6
Splitting force	t	13	16
Axe stroke	mm	1100	1100
Height of the log	mm	1150	1150
Height of log on the table	mm	580/400	580/400
Splitting speed H2/H1/PH	cm/s	26/13/26	22/11/22
Splitting time H2/H1/PH	s/1100 mm	4,2/8/4,2	5,4/10/5,4
Oil pressure	MPa	25	25
Weight	kg	520	530
Dimensions	A	1800	1800
	B	2800	2800
	C	1300	1300
	D	1200	1200
	E	2713	2713
Oil quantity	l	20	25
Cast pump		/	/
2-stage gear pump		●	●
Auto-speed (AS)		●	●
Handle		●	●
Pickaxe holder		●	●
Axe holder		●	●
Small pickaxe holder		●	●
Single or double log table with an extension		●	●
Automatic deactivation of the axe		●	●
Cross blade with a holder		●	●
Fuel tank holder		/	/
Chainsaw holder		/	/
Hydraulic winch		/	/

● Standard | ● Option | / Not possible | TR - petrol engine | H2 - quick forward movement of the cylinder | H1 - forward working movement of the cylinder | PH - return speed






Horizontal log splitter **MAGNUM**

MAGNUM 32

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



MAGNUM horizontal log splitters are explosive - ensuring fast and powerful splitting of any log, no matter how resilient. You will definitely not be disappointed after seeing it during operation.

Common features of Horizontal log splitter MAGNUM

PUSH PLATE GUARD



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

BACKFLUSH FILTER



An integrated backflush filter purifies the oil and ensures a long service life.

DOUBLE-CAST PUMP



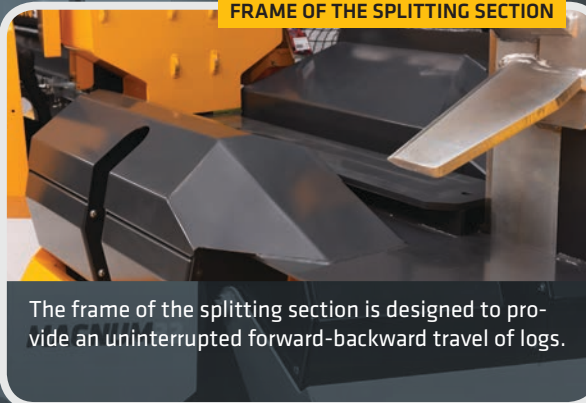
Double-cast iron hydraulic pump ensures quiet operation and long service life of the log splitter.

HYDRAULIC SPLITTING KNIFE



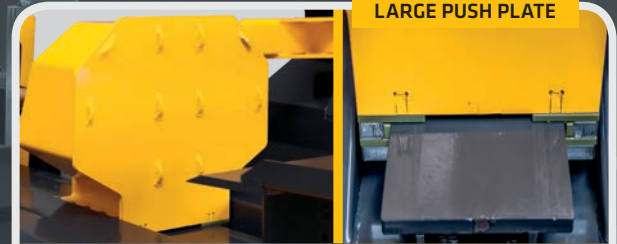
2-4 or 2-6-way hydraulically operated splitting knife.

FRAME OF THE SPLITTING SECTION



The frame of the splitting section is designed to provide an uninterrupted forward-backward travel of logs.

LARGE PUSH PLATE



The plastic guides on the push plate are made from a special material which requires no additional lubrication. Precise control of the push plate ensures a long service life. The push plate can be switched-off automatically for safer and easier work.

CONTROL PANEL



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

SERRATED HYDRAULIC LIFT TABLE



A serrated hydraulic lift table to prevent the logs from slipping.

HORIZONTAL LOG SPLITTER MAGNUM

Horizontal log splitters MAGNUM 32 with a splitting force of 31 t can split logs up to 1 m in diameter. Mechanical control without any electrical or electronic parts ensures efficient operation under challenging conditions.

Significant features:

- Low energy consumption due to optimal positioning of hydraulic components
- Auto-speed (AS) valve for automatic speed regulation
- Large unloading table for firewood



NEW

MAGNUM 32 CD+E TR



Transport attachment with an integrated pump.



An adjustable switch-off mechanism for splitting short logs optimises the required time.



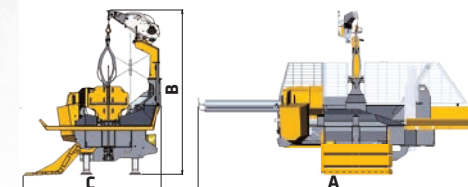
MAGNUM 32CD

- Safe and easy to use
- Anticorrosion protection of high quality
- Superior design
- Low maintenance costs

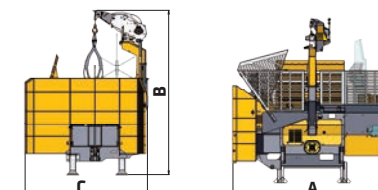


Shell
Tellus

WORKING POSITION



TRANSPORT POSITION



Chassis (wheels) for easier transport.



Adjustable tank holder - suitable for all fuel tank types.



Easily accessible storage compartments for additional equipment. Integrated holders for axe, pickaxe and mattock. Chainsaw holder possible.



Window guard.



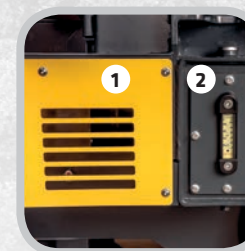
8 possible mounting height settings enable the log splitter connection to any tractor.

Class		MAGNUM 32					
Model		CD	E	CD+E	CD TR	E TR	CD+E TR
Engine power	kW	/	11.0	11.0	/	11.0	11.0
Recommended tractor power	kW/HP	35/48	/	35/48	35/48	/	35/48
Required torque of the cardan shaft	Nm	530	/	530	530	/	530
Splitting force	t	31	31	31	31	31	31
Hub	mm	1200	1200	1200	1200	1200	1200
Splitting speed H2/H1/PH	cm/s	23/10/23	23/10/23	23/10/23	23/10/23	23/10/23	23/10/23
Splitting time H2/H1/PH	s/1100 mm	5,2/10,4/5,2	5,2/10,4/5,2	5,2/10,4/5,2	5,2/10,4/5,2	5,2/10,4/5,2	5,2/10,4/5,2
Max. log diameter	mm	1000	1000	1000	1000	1000	1000
Max. log length	mm	1200	1200	1200	1200	1200	1200
PTO shaft revolutions	min ⁻¹	540	/	540	540	/	540
Weight*	kg	1400	1450	1550	1550	1600	1700
Dimensions (working position)	A	4000	4000	4000	4770	4770	4770
	B	1650 (2450)	1650 (2450)	1650 (2450)	1650 (2450)	1650 (2450)	1650 (2450)
	C	2100	2100	2100	2100	2100	2100
Dimensions (transport position)	A	2400	2400	2400	4770	4770	4770
	B	1650 (2450)	1650 (2450)	1650 (2450)	1650 (2450)	1650 (2450)	1650 (2450)
	C	1850	1850	1850	1850	1850	1850
Oil quantity	l	80	80	80	80	80	80
Double cast pump		●	●	●	●	●	●
Auto-speed (AS)		●	●	●	●	●	●
Pickaxe holder		●	●	●	●	●	●
Small pickaxe holder		●	●	●	●	●	●
Axe holder		●	●	●	●	●	●
Push plate automatic deactivation		●	●	●	●	●	●
Splitting knife 2-4		●	●	●	●	●	●
Splitting knife 2-6		●	●	●	●	●	●
Fuel tank holder		●	●	●	●	●	●
Chainsaw holder		●	●	●	●	●	●
Hydraulic winch with remote control		●	●	●	●	●	●
Oil cooler		●	●	●	●	●	●
Transverse direction of the chassis**		●	●	●	/	/	/

● Standard | ● Option | / Not possible | H2 – quick forward movement of the cylinder | H1 – forward working movement of the cylinder | PH – return speed | TR – Chassis | *The weight of the tractor is important during transport. | **According to the splitting direction

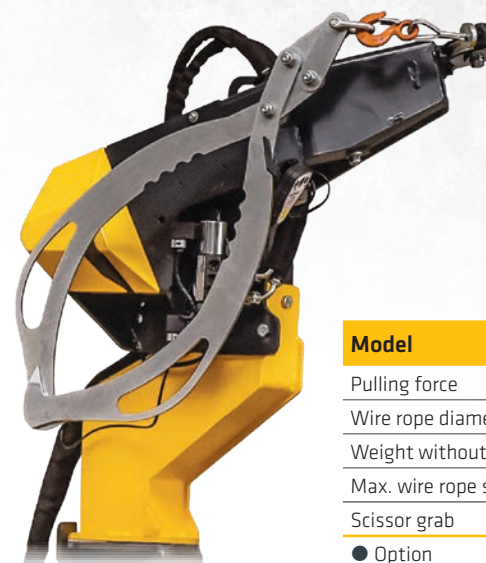


Easy movement from transport to working position (and vice versa).



1. Optionally integrated electric motor with pumps (11 kW).
2. Integrated oil tank featuring a special double bottom and a large oil capacity to prevent spillage. The oil tank is fitted with an integrated filter to ensure oil purity.

An oil cooler can also be optionally installed to prevent overheating of the hydraulic system (recommended when the machine is operated continuously for more than 4 hours).



Hydraulic winch with remote control:

- The wire rope passes through the middle of log splitter
- Automatic unwinding with wire rope tensioning
- Pulling speed adjustment valve

Model		8HR
Pulling force	kN	7,5
Wire rope diameter/length	mm/m	6/20
Weight without wire rope	kg	80
Max. wire rope speed	m/min	50
Scissor grab		●

● Option

An aerial photograph of a dense, lush green forest, likely a coniferous woodland, covering a hillside. The trees are tightly packed, creating a vibrant green texture.

Circular **SAWS**

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

STANDARD

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

STANDARD

Circular saws allow quick and safe production of firewood. They are easy to move, with a compact structure ensuring a long service life.

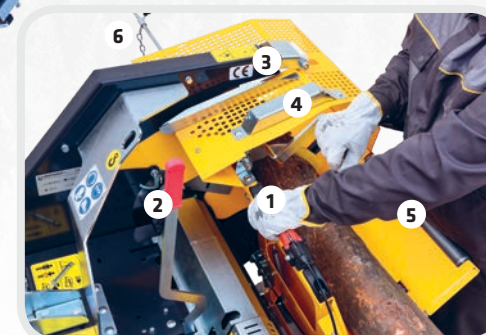
CDT MODEL WITH CONVEYOR BELT



1. Hydraulic motor is driven by the tractor hydraulic system (the hydraulic motor is mounted on the upper cylinder of the conveyor belt).
2. Quick and easy switch from transport to working position.
3. Mechanical winch for adjusting the conveyor belt inclination.



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



1. Safe operation of the circular saw.
2. The safety brake stops the circular saw in less than 10 s.
3. Safety net.
4. Gripper for log stabilization.
5. Cylinders on the trough for easier work.
6. Adjustable sawing depth limiter.

Model		WKA 700 CD	WKA 700 E	WKA 700 CD T5
Drive		CD	E - 4,0 kW	CD
Recommended tractor power	kW	19	-	19
Saw blade diameter	mm	700	700	700
Max. cutting diameter	mm	300	300	300
Vidia saw blade		●	●	●
Weight	kg	155	190	380
Fitted conveyor belt length	mm	/	/	5000
Fitted conveyor belt width	mm	/	/	250
Fitted conveyor belt drive		/	/	Hydromotor

● Standard | / Not possible | CD - PTO (tractor drive) | E - elektric motor



WKA 700CD

- Hydraulic drive motor is placed at the top of the conveyor
- The STANDARD circular saws will help you work faster and safer
- A compact structure from high-quality sheet metal



NEW



WKA 700CDT5



Billet **BUNDLERS**

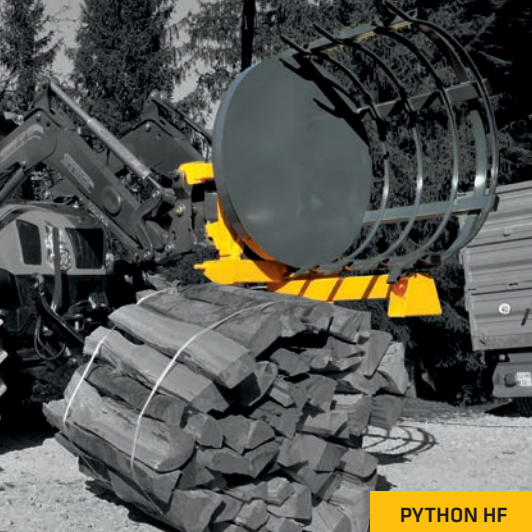
To simplify the firewood stacking and transport, it is good to own one of our PYTHON billet bundlers. They come with mechanical or hydraulic control, with a front or rear attachment, and can be fitted with all the necessary accessories.

PYTHON

M | HF | MN | HFN

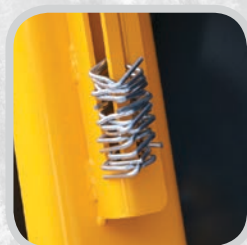
PYTHON

The billets can be tied with a polyester tape (M and HF models) or a synthetic rope (MN and HFN models).

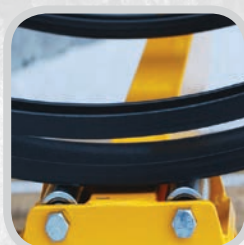


PYTHON HF

- For binding of one-meter billets
- Mechanical tipping: PYTHON M, MN
- Tipping on two sides: PYTHON M, MN
- Hydraulic tipping: PYTHON HF, HFN
- 3-point linkage category I and II
- Front or back connection or loader mounting: PYTHON HF, HFN
- Integrated synthetic rope holder: PYTHON MN, HFN



Galvanised clamp holder CB 6-19 mm.



Two support rollers.



TAPE TENSIONER
enables tape tensioning and cutting.



PYTHON M



PYTHON HFN

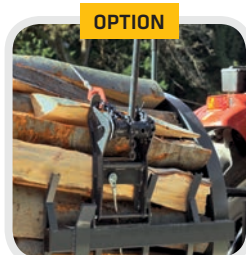
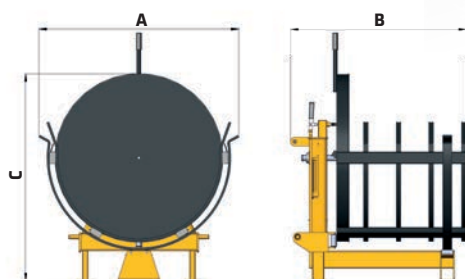


TAPE RACK

- enables easier tape unwinding
- the rack is equipped with a brake, which prevents uncontrolled tape unwinding from the reel

POLYESTER TAPE 19 mm / 500 m

- tape is made of polyester fibres, which are covered with a polypropylene layer
- extremely light and strong tape
- resistant to sharp edges



Ratchet tensioning device.



Hydraulic tipping.

Model		PYTHON M	PYTHON HF	PYTHON MN	PYTHON HFN
Log length	cm	100	100	100	100
Volume	m³	1	1	1	1
Dimensions	A	1200	1200	1200	1200
	B	1200	1200	1200	1200
	C	1400	1400	1400	1400
Weight	kg	245	250	245	250
Tape rack		●	●	/	/
Tape tensioner		●	●	/	/

● Standard | ● Option | / Not possible



TP BOXES

The GIBON transport boxes are used to facilitate transport operations. Their operation can be mechanical, hydraulic or hydraulic with a foldable rear side.

GIBON MECHANICAL

140M | 160M

GIBON HYDRAULIC

100-85H | 120-85H | 140-85H | 160-85H | 140-100H |
160-100H | 180-100H | 140-125H | 160-125H | 180-125H |
200-125H/-T

GIBON HYDRAULIC PRO

160PRO | 180PRO | 200PRO/-T



Gibon200-125H

- Hydraulic TP boxes with a double-acting cylinder
- Mechanical and hydraulic TP boxes with optional height extension
- All models in different lengths and widths



GIBON 180PRO

MECHANICAL TP BOX

Model		140M	160M
Dimensions	A	1400	1600
	B	900	900
	C	400	400
Weight	kg	145	159
Load capacity	kg	500	500
Recommended tractor power	kW/HP	15-32/20-44	15-32/20-44
Height extension (400 mm)		●	●

● Option

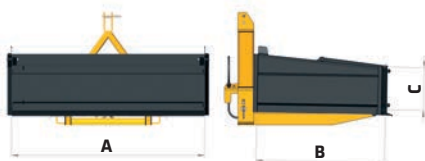
HYDRAULIC TP BOX

Model		100-85H	120-85H	140-85H	160-85H	140-100H	160-100H	180-100H	140-125H	160-125H	180-125H	200-125H/-T
Dimensions	A	1000	1200	1400	1600	1400	1600	1800	1400	1600	1800	2000
	B	850	850	850	850	1000	1000	1000	1250	1250	1250	1250
	C	400	400	400	400	400	400	400	400	400	400	400
Weight	kg	130	160	185	210	250	280	310	290	310	330	350
Load capacity	kg	500	500	800	800	900	1200	1400	1000	1300	1400	1400
Recommended tractor power	kW/HP	15-32/20-44	15-32/20-44	15-32/20-44	15-32/20-44	30-45/40-61	30-45/40-61	30-45/40-61	30-45/40-61	30-45/40-61	30-45/40-61	30-45/40-61
Height extension (400 mm)		●	●	●	●	●	●	●	●	●	●	●

● Option

HYDRAULIC TP BOX PRO SERIES

Model		160PRO	180PRO	200PRO/-T
Dimensions	A	1600	1800	2000
	B	1250	1250	1250
	C	400	400	400
Weight	kg	320	340	360
Load capacity	kg	1300	1400	1400
Recommended tractor power	kW/HP	40-75/54-102	40-75/54-102	40-75/54-102



Rear extension.



Timber and loading **GRABS**

Log handling requires quality and compact timber and crane grabs. This type of equipment must be suitable for use in all weather conditions and therefore requires excellent anti-corrosion protection. This also applies to our timber and crane grabs. Any log handling becomes as easy as child's play when using UNIFOREST timber and crane grabs.

SCORPION PREMIUM

PREM 1 | PREM 2 | PREM 3 | PREM 4

SCORPION PRO

PRO1 | PRO2 | PRO3 | PRO4

SCORPION 1800

1800F | 1800BC | 1800S

SCORPION 1300

1300FL

REMOTE CONTROL WINCH

SFS18F

PREMIUM GRABS

19 PREMIUM | 36 PREMIUM

CRANE GRABS

1100PRO | 1300PRO | 1500PRO | 1500BM | 1800

FELLING HEAD

RK250K | RK250B | RK260B | RK260BZ | RK260BR | RK260BRZ

Possible rotator choice

HYDRAULIC ROTATOR

GR 30: Weight: 18,0 kg

Capacity: 30 kN

GR 465: Weight: 28,5 kg

Capacity: 45 kN



MECHANICAL ROTATOR

Weight: 10,0 kg



SCORPION PREMIUM

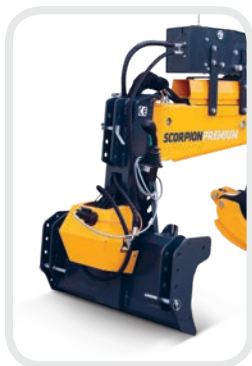
SCORPION PREMIUM is the new generation of high quality and technologically perfected timber grabs for log manipulation. Ensuring safe, fast and easy operation for the user, they were designed to provide a good view on the work, while offering durability and low maintenance costs.

NEW



Hydraulic hoses and cylinders are covered with a robust, yet dynamically designed frame, which offers protection against mechanical damage. This ensures minimum maintenance costs and extends the service life of the machine.

Scorpion Premium3



A low position of the control unit at the rear side of the machine ensures a better view over the work area.



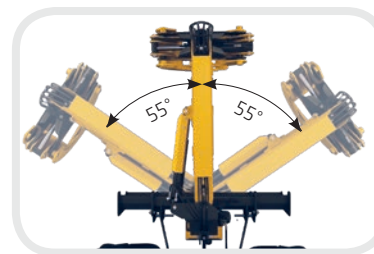
The adjustable sliding system of the telescopic arm helps eliminate the clearance between the sliding plastic and metal. In addition, the sliding plastic is made from a special, lubrication-free material.



The timber grabs can be fitted with a winch to allow an easier access to the load and load handling.



Operated with an electronic control lever (joystick).



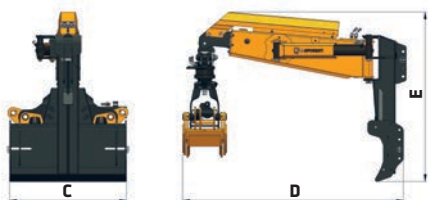
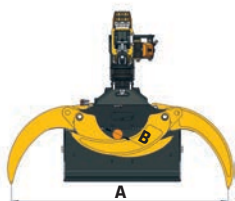
The telescopically extendable frame can be moved 55° to the left or to the right.



The butt plate can be extended for easier skidding.

SCORPION PREMIUM3

- Improved payload capacity by 20%
- Superior design
- Robust construction
- Made of high-quality materials
- Anticorrosion protection of high quality
- All movable parts can be lubricated
- Low maintenance costs



Model				SCORPION PREM 1	SCORPION PREM 2	SCORPION PREM 3	SCORPION PREM 4
Max. opening	A	mm		1800	1800	1800	1800
Min. diameter	B	mm		70	70	70	70
Dimension	C	mm		985	985	985	985
	D			1865	1865	2025	1865
	E			1420	1420	1420	1420
Gripping power of cylinder		kN		95	95	95	95
Telescopic arm extension		mm		600	600	600	600
Swivel range		°		55 + 55	55 + 55	55 + 55	55 + 55
Butt plate width		mm		985	985	985	985
Butt plate side extension				●	●	●	●
Recommended tractor power		kW		50-80	50-80	50-80	50-80
		HP		36-59	36-59	36-59	36-59
Hydraulic swivel left-right				●	●	●	●
Telescopic arm hydraulic extension				●	●	●	●
Hydraulic rotator				●	●	●	●
Control block				●	●	●	●
Weight		kg		525	540	565	530
Connection category				II	II	II	II

● Standard | ● Option

SCORPION PRO

The SCORPION PRO telescopic grabs can be upgraded with a remote controlled winch.



Hydraulic movement left-right (PRO 1, 2, 3).
Telescopic arm hydraulic movement (PRO 2, 3).



Manual extension of telescopic arm.



Operated with a control valve. The rotator function is fitted with a float feature so it can free spin when skidding timber.



Scorpion PRO 3



SCORPION PRO 2

- Robust construction
- Made of high-quality materials
- Anticorrosion protection of high quality
- All movable parts can be lubricated



Model			SCORPION PRO1	SCORPION PRO2	SCORPION PRO3	SCORPION PRO4
Max. opening	A	mm	1800	1800	1800	1800
Min. diameter	B	mm	70	70	70	70
Gripping power of cylinder		kN	95	95	95	95
Telescopic arm extension		mm	600	600	600	600
Swivel range		°	45 + 45	45 + 45	45 + 45	45 + 45
Width		mm	1020	1020	1020	1020
Butt plate side extension			●	●	●	●
Recommended tractor power		kW	40-90	40-90	40-90	40-90
Hydraulic swivel left-right			●	●	●	●
Telescopic arm hydraulic extension			●	●	●	●
Hydraulic rotator			●	●	●	●
Control block			●	●	●	●
Weight		kg	432	448	483	483
Connection category			I, II	I, II	I, II	I, II

● Standard | ● Option

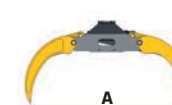
OPTION



Electronic steering lever.



Butt plate side extension.



A



B

SCORPION 1800

The SCORPION 1800 timber grabs can be attached to the front or rear side of the tractor.



SCORPION 1800F

- Fixed framework
- Robust construction
- Made of high-quality materials
- Anticorrosion protection of high quality
- All movable parts can be lubricated
- Scorpion 1800F can be attached on front or rear side of the tractor
- Scorpion 1800S can be attached on the rear side of the tractor



Swing brake.



Scorpion 1800S



Electromagnetic valve.



Scorpion 1800S

With a butt plate.

Model			SCORPION 1800F	SCORPION 1800BC	SCORPION 1800S
Max. opening	A	mm	1800	1800	1800
Min. diameter	B	mm	70	70	70
Gripping power of cylinder		kN	95	95	95
		MPa	18	18	18
Angle rotation L/R		°	360	360	360
Recommended tractor power		kW	40-90	40-90	40-90
Hydraulic rotator			●	●	●
Coil spring			●	●	●
Switching valve*			●	●	●
Swing brake			●	●	●
Weight		kg	357	357	357
Connection category			I, II, EURO NORM	BOBCAT	I, II

● Standard | ● Option | * The electrical supply cable and the hydraulic pipes that connect the valve to the tractor are not part of the equipment.



A



B

SCORPION 1300

The SCORPION 1300 timber grabs can be attached to the front side of the tractor.



Scorpion 1300FL

- Fixed framework
- Robust construction
- Made of high-quality materials
- Anticorrosion protection of high quality
- All movable parts can be lubricated



Model		SCORPION 1300FL	
Max. opening	A	mm	1300
Min. diameter	B	mm	70
Gripping power of cylinder		kN	85
		MPa	18
Angle rotation L/R		°	360
Recommended tractor power	kW		40-90
Hydraulic rotator			●
Coil spring			●
Switching valve*			●
Swing brake			●
Weight	kg		226
Connection category			EURO NORM

● Standard | ● Option | * The electrical supply cable and the hydraulic pipes that connect the valve to the tractor are not part of the equipment.



Electromagnetic valve.



Swing brake.



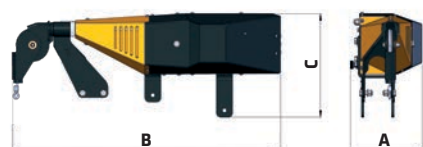
REMOTE CONTROL WINCH

It is easier to move timber. If you install a remote controlled winch SFS18 on SCORPION timber grabs.

- Robust construction
- Can be installed on SCORPION PREMIUM and PRO telescopic grabs and grabs SCORPION
- Can be installed on timber loading lifts



SFS18F



Model		SFS 18 PREMIUM	SFS 18 PRO	SFS 18 F	SFS 18 S
Pulling force	kN	18	18	18	18
Dimensions	A	310	310	310	310
	B	1150	1150	1150	1150
	C	450	450	450	450
Weight	kg	80	80	80	80
Wire diameter	mm	8	8	8	8
Wire length	m	30	30	30	30

CRANE GRABS PREMIUM

Robust and structurally reinforced PREMIUM GRABS can be attached on cranes and forwarders.



The bolt is stabilized by conical sleeves preventing any clearance between the bolt and its housing. All movable elements are fitted with slide bearings with an integrated lubrication system.

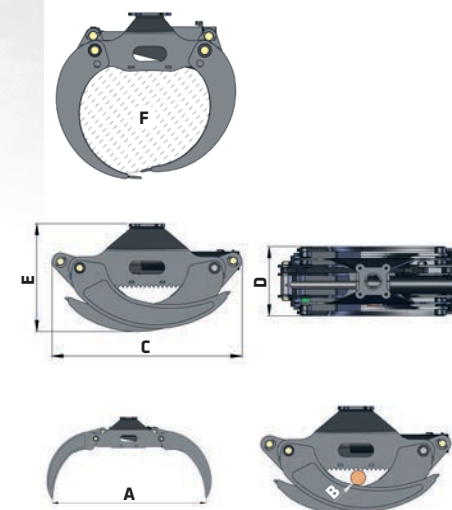


- Robust construction
- Made of high-quality materials
- Anticorrosion protection of high quality
- All movable parts can be lubricated



Modell			19 premium	36 premium
Max. opening	A	mm	1273	1530
Min. diameter	B		80	110
Gripping power of cylinder		kN	14,8	16,5
Dimension	C		810	948
	D	mm	406	495
	E		540	630
Gripping surface	F	m ²	0,19	0,36
Max. power		MPa	23	23
Weight		kg	132	220
Nicrodur			●	●

● Standard



CRANE GRABS

Compact and structurally reinforced timber grabs can be installed on cranes and forestry trailers. The 1500BM model is designed for biomass handling.

- Robust construction
- Made of high-quality materials
- Anticorrosion protection of high quality
- All movable parts can be lubricated



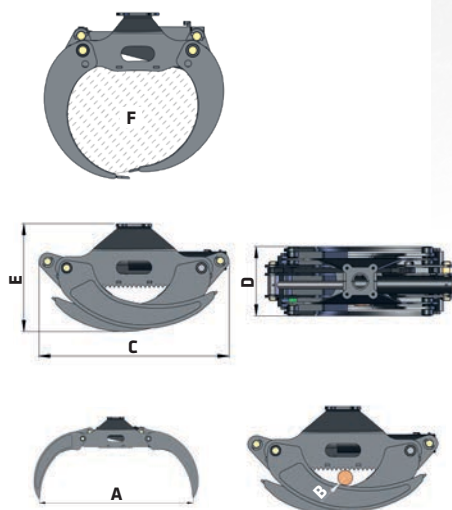
1. Wider grabs - robust, double reinforced construction.
2. Built in slide bearing (excludes 1100PRO).



Hardened tines from Nicrodur ND400.



Biomass grabs.



Model			1100PRO	1300PRO	1500PRO	1500BM	1800
Max. opening	A	mm	1100	1300	1500	1500	1800
Min. diameter	B	mm	50	70	80	95	70
Gripping power of cylinder		kN	66	85	95	95	95
Dimensions	C	mm	650	730	928	925	995
	D	mm	320	320	410	455	370
	E	mm	430	431	529	545	560
Gripping surface	F	m ²	0,14	0,22	0,35	0,35	0,33
Weight		kg	74	96	162	182	204
Nicrodur			●	●	●	●	/

● Standard | / Not possible

FELLING HEAD RK260

NEW

The RK260 is new, upgraded version of our felling heads. Cutting down small diameter wood and shrubs, cleaning river banks and afterwards handling with logs is easy and simple because collecting grabs are available.



Hardox 500
knife.



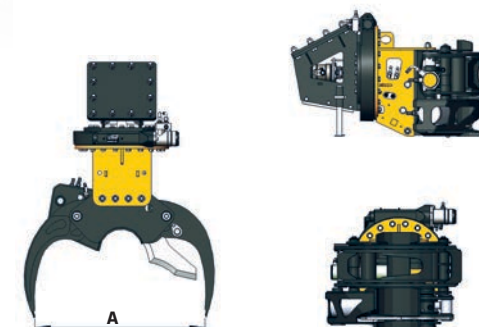
RK260BRZ

- Greater grabbing and cutting power
- 100% made of Nicrodur
- Higher productivity
- Lower consumption
- Easy and swift installation
- Available with collectiong grabs
- Long operating life



Model			RK260B	RK260BZ	RK260BR	RK260BRZ
Max. opening	A	mm	1000	1000	1000	1000
Min. diameter	B	mm	50	50	50	50
Max. cutting thickness	C Softwood	mm	Ø 260	Ø 260	Ø 260	Ø 260
	C Hardwood	mm	Ø 210	Ø 210	Ø 210	Ø 210
Oil flow		l/m	40-80	40-80	40-80	40-80
Max. power		kN (MPa)	24	24	24	24
Max. oil pressure		MPa	24	240	240	240
Weight		kg	310	380	415	490

B - excavator | BZ - excavator hitch with collecting grabs | BR - excavator hitch with rotator | BRZ - excavator hitch with rotator and collecting grabs



FELLING HEAD RK250

With felling head cutting down small diameter wood and shrubs, cleaning river banks and afterwards handling with logs becomes easy and simple. Felling heads are mostly used for municipal utility services.

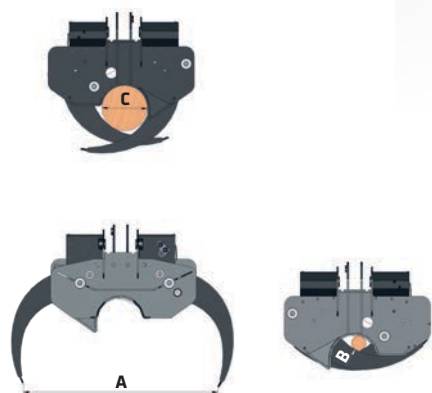
- RK250K – for cranes
- RK250B – for excavations



RK250K



Hardox 500
knife.



OPTION RK250B



Excavator quick hitch
(S40 or S50).

Model			RK250K	RK250B
Max. opening	A	mm	1000	1000
Min. diameter	B	mm	70	70
Max. cutting thickness	C Softwood	mm	Ø 250	Ø 250
	C Hardwood	mm	Ø 200	Ø 200
Oil flow		l/m	40-80	40-80
Max. power		kN (MPa)	25 (24)	25 (240)
Max. oil pressure		MPa	24	24
Weight		kg	220	220

K - crane | B excavator







Uniforest d.o.o.

Latkova vas 81d, SI-3312 Prebold

T: +386 3 777 14 19, +386 3 777 14 30 | F: +386 3 777 14 18

E: info@uniforest.si | www.uniforest.com

