


AMR

PUISSANCE & PERFORMANCES

FORESTRY & FARMING
EQUIPMENT MANUFACTURER
SINCE 1984



Product catalog 2019 



AMR, FORESTRY & FARMING
EQUIPMENT MANUFACTURER
SINCE 1984



Since our company was created in Alsace in 1984, we have designed and produced machinery for firewood and agriculture.

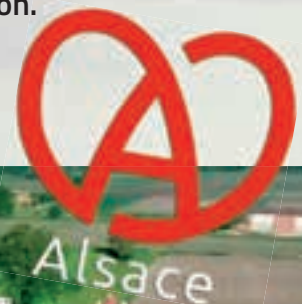
We are foremost a team which is recognised for his long experience.

Thanks to our manufacturing process controls we build reliable machines to ensure comfort and safety for the user.

We sell our machines in France through a network of 650 dealers. In the rest of Europe, we sell under the brand **Voges blitz** ("*Light of the Vosges*").

We organize or participate in many fairs and exhibitions all over Europe in order to make you discover our products.

Our major goal is and will always be the customer satisfaction.

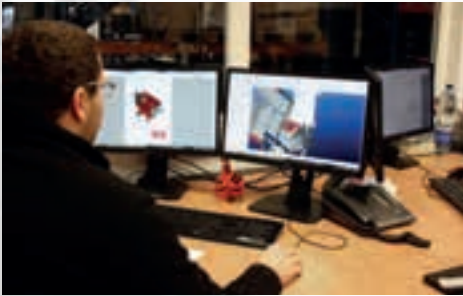


A 50 PEOPLE TEAM AT YOUR SERVICE

MANUFACTURING IS OUR JOB

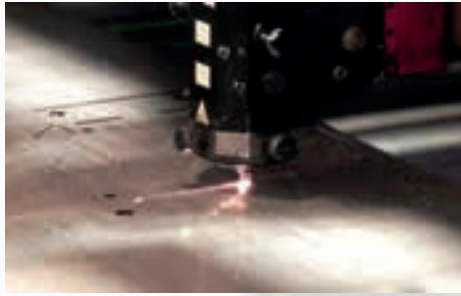
Around 4500 machines are designed and manufactured in our Alsatian 10 700 m² plant. We are proud of making in France high quality machines to provide our customers with reliable and efficient products.

From design to assembly, here is the process :



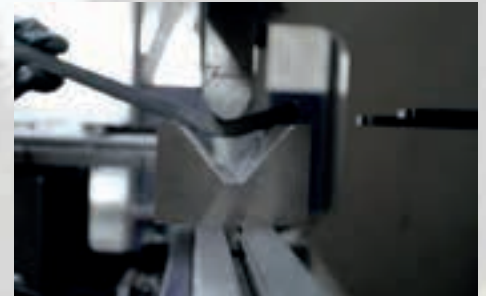
DESIGN OFFICE

Imagine, develop, optimise and design our machines is the role of the Design Office. Our customers help us a lot for our inspiration.



MANUFACTURING - LASER

Pieces up to 20mm thick are cut by this machine.



MANUFACTURING - FOLDING

Parts up to 3000mm wide are folded by our CNC (*Computer Numerical Control*) machine.



MANUFACTURING - BENDING

Our bending machine is programmed according to the size of the tubes.

Elasticity of the material allows very complex bending.



MANUFACTURING - WELDING

Depending on the part, the welding is manual or robotic.



MANUFACTURING - PAINTING

Before assembly the parts are powder painted.



MANUFACTURING - ASSEMBLING

The final step is here, assembling and final control !



SUBCONTRACTING - KUHN

Since our creation we offer industrial outsourcing services. Our know-how and experience make us able to meet the requirements for quality, price and deadlines. One of our oldest customers (*35 years*) is Kuhn based in Saverne, Alsace.



SUBCONTRACTING - JMEKA

The JMEKA mini diggers are also manufactured in the AMR factory.



More information on www.jmeka.fr

HISTORY

AMR is based in Elsenheim in Alsace and bears witness to a rich and varied industrial past.

Its history began at the end of the 19th century when a German company constructed the building to set up a cigar factory there. The facility was bought up in the 1950s and became a weaving company. There was another change six years later when the Lower-Rhine agricultural machine manufacturing company «Heywang» moved in. In 1984 «Heywang» moved out again and the company was taken over by some of its employees...

1984 >



Take-over of the factory by some employees who started making forestry winches and log splitters.

The «Ateliers Mécaniques du Ried» company was created.

2005 >

The company was bought by Robert Heissler who gave it the name AMR.

Through his impulsion, AMR devoted its energies and know-how to develop machines for firewood production.

2012 >

Marketing of the new QUATROMAT semi-automatic saw.

After 1 year research and patents, the saw was a resounding success with professionals and private.

2014 >



Great year for AMR which celebrated its 30th anniversary !

AMR is staying on track by maintaining a policy of development and innovation on a day-to-day basis.

2015 >

AMR company changes hands!

Gert Unterreiner, the German leader in the distribution of forestry equipment take the opportunity to make his first steps as manufacturer.



2016 >



AMR's products have been awarded with a lot of innovation and safety trophies.

2017 >

1500 square meters of building were added to the production.

In November, a new laser cutting machine with fiber technology has been installed.

2018 >

Again a year high in investment, new assembly line for Solomat, Triomat and Quatromat, new powder coating equipment.

Event of the year is the production of the 2000th Drum Saw on September 25th.

SUMMARY

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CONDITIONS AND WARRANTY

SPLITTING RANGE



■ Hobby Series

Fits perfectly for individuals who primarily use logs up to 52 cm.

Easy to use and move.

- 2-handle control with grips
- Wheels for transport
- Integrated phase inverter (400V)
- High return speed
- Split-wedge
- Adjustable cylinder stroke up to 50 cm



Ø 35 cm
< 50 cm >



HOBBY 6 M

Log splitter	HOBBY 6 M	HOBBY 6 T
Splitting force (to)	6	6
Splitting length (cm)	52	52
Power supply	230 V / 2,2 kW	400 V / 3 kW
Splitting speed / return speed (cm/s)	4 - 17	4 - 17
Oil capacity (L)	7	7
Pump output (L/min)	7	7
Dimension (HxLxW cm)	109 x 71 x 54	109 x 71 x 54
Weight (kg)	114	114
400 V female plug (PRI00002)		

Vertical splitter 6 - 7 tons - FB506TF - FB507TF series

SPLITTING RANGE



■ FB5006TF - FB507TF series

- 2-handle control with grips
- Integrated phase inverter (400 V)
- Safety circuit breaker
- Big wheels for easy transporting
- Adjustable cylinder stroke up to 50 cm
- High speed return
- Fix splitting table
- Storage space on both sides
- Robust and durable design



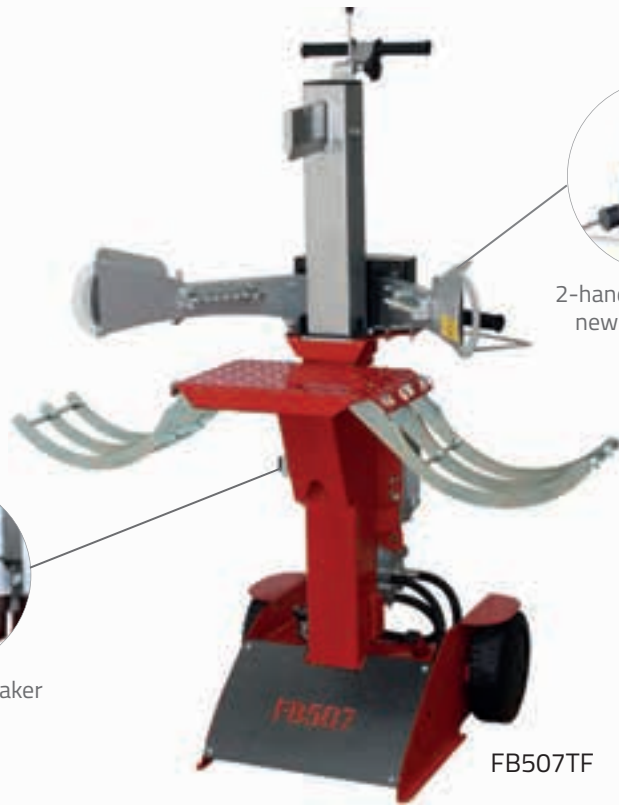
Ø 45 cm
< 50 cm >



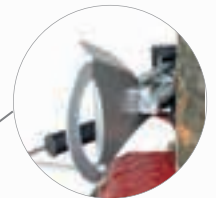
FB506TF



Safety circuit breaker



FB507TF



2-handle control with new grips system

Log splitter	FB506TF M	FB506TF T	FB507TF M	FB507TF T
Splitting force (to)	6	6	7	7
Splitting length (cm)	55	55	55	55
Power supply	230 V / 2.2 kW	400 V / 2.2 kW	230 V / 2.2 kW	400 V / 2.2 kW
Splitting speed (cm/s)	5	4,75	4.75	4.75
Return speed (cm/s)	16,7	16,7	12,5	12,5
Oil capacity (L)	4,75	4,75	10	10
Pump output (L/min)	7,5	9	7,5	9
Dimension (HxLxB cm)	123 x 54 x 80	123 x 54 x 80	123 x 65 x 85	123 x 65 x 85
Weight (kg)	125	125	137	137
Split-wedge FB506/507 (ECL000301)				
400 V female plug (PRI00002)				

Vertical splitter 9 tons - FB509TF series

SPLITTING RANGE



■ FB509TF series

- Patented synchronized 2-handle control with grips
- Integrated phase inverter (400 V)
- Safety circuit breaker
- Big wheels for easy transporting
- Adjustable cylinder stroke up to 50 cm
- High speed return
- Fix splitting table
- Storage space on both sides
- Oil filter
- Robust and durable design



Synchronized handle control (patented)



FB509TF
with fixed table and 2 removable baskets



Ø 45 cm
< 50 cm >

Log splitter	FB509TF M	FB509TF T	FB509TF PDF	FB509TF ESS
Splitting force (to)	9	9	9	9
Splitting length (cm)	55	55	55	55
Pump	double	single	single	double
Power supply	230 V / 2,2 kW	400 V / 4 kW	PTO tractor	Petrol Honda 5,5 PS
Splitting speed (cm/s)	8,2	6,8	5,7	8,7
Return speed (cm/s)	9,4	15,2	15,2	12,5
Oil capacity (L)	10	10	10	10
Pump output (L/min)	19	16,5	14,7	19
Dimension (HxLxW cm)	130 x 60 x 84	130 x 60 x 84	130 x 60 x 107	130 x 60 x 109
Weight (kg)	190	190	185	205
Combined power. CONTACT US	Split wedge FB509 (ECL000401)			
	400 V female plug (PRI00002)			

Horizontal splitter 9 tons - H09 series

SPLITTING RANGE



■ H09 series

The smallest horizontal splitter with a 9 tons power.

- Two splitting speeds
- 2 handle control
- Robust and durable design
- 2/4 splitting knife hydraulically adjustable
- Wheels for transport
- Oil filter
- Integrated phase inverter (400 V)
- High speed return
- Engine with rotating direction detector
- Brass slide rails



Safety cover



HEL09



Ø 35 cm
< 50 cm >

Log splitter	HEL09 M	HEL09 T	HPF09
Splitting force (to)	9	9	9
Splitting length (cm)	55	55	55
Pump	Double	Single	Single
Power supply	230 V / 2,2 kW	400 V / 4 kW	PTO tractor
Splitting speed 1 (cm/s)	6,6	6,4	8,1
Splitting speed 2 (cm/s)	14,8	14,7	18,9
Return speed (cm/s)	11,2	10,2	13,5
Oil capacity (L)	20	20	20
Pump output (L/min)	16	16,5	14,7
Dimension (HxLxW cm)	135 x 212 x 78	135 x 212 x 78	135 x 212 x 104
Weight (kg)	235	235	235
Hydraulic or combined power. CONTACT US	3-points tractor hitch for HEL09 (ATT00010)		
	400 V female plug (PRI00002)		

Vertical splitter 9/12 tons - HV series

SPLITTING RANGE



■ HV series

Available in 9/12 tons with two splitting speeds.

- 2 handle control
- Cylinder stroke 55 cm
- Inflatable wheels for easy moving
- Trail support included (*gasoline models*)
- Integrated phase inverter (400 V)
- Robust and durable design : welded frame
- Floor plate in full steel
- Brass slide rails



Log holding arm



HVE9 MSP



Ø 40 cm
< 60 cm >



HVES12
in transport position

Log splitter	HVE09 MSP	HVE09 MDP	HVE09 T	HVES09	HVE12 MSP	HVE12 MDP	HVE12 T	HVES12
Splitting force (to)	9	9	9	9	12	12	12	12
Splitting length (cm)	55	55	55	55	55	55	55	55
Pump	single	double	single	double	single	double	single	double
Power supply	230 V / 2,2 kW	230 V / 2,2 kW	400 V / 3 kW	petrol Honda 5.5 HP	230 V / 2,2 kW	230 V / 2,2 kW	400 V / 4 kW	petrol Honda 5.5 HP
Speed 1 (cm/s)	3,2	6,62	5,6	8,13	2,51	4,23	4,2	5,6
Speed 2 (cm/s)	7,74	14,8	13	18,86	6,22	10,07	11,5	14,61
Return speed (cm/s)	5,1	11,2	9,8	13,7	4,02	7,2	6,8	9,82
Oil capacity (L)	13	13	13	13	13	13	13	13
Pump output	7,5 L/min	18,6 L/min	13,5 L/min	19 L/min	7,5 L/min	18,6 L/min	16,5 L/min	19 L/min
Dimension (HxLxW cm)	162x76x100	162x76x100	162x76x100	162x76x230	162x76x100	162x76x100	162x76x100	162x76x230
Weight (kg)	200	200	200	220	205	205	205	225

400 V female plug (PRI00002)

Trail support (TIM000200)

Vertical splitter 9/12 tons - V5509/V5512 series

SPLITTING RANGE



■ V5509/V5512 series

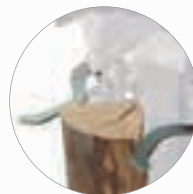
This vertical splitter is ideal for garden tractor, and available in PTO or hydraulic driving.

Available in 9/12 tons with two splitting speeds.

- 2 handle control
- Inflatable wheels for easy moving
- Cylinder stroke 55 cm
- Robust and durable design : welded frame
- Floor plate in full steel
- Female gear box pump (PTO)
- Brass guiding system
- 3-point hitch, cat. I and II



Ø 40 cm
< 60 cm >



Log holding arm



VPF5509

Log splitter	VHY5509	VPF5509	VHY5512	VPF5512
Splitting force (to)	9	9	12	12
Splitting length (cm)	55	55	55	55
Pump	-	Single	-	Single
Power supply	Tractor hydraulics	PTO tractor	Tractor hydraulics	PTO tractor
Speed 1 (cm/s)		9,1		7,8
Speed 2 (cm/s)	*	18,9	*	16,8
Return speed (cm/s)		13,5		13,1
Oil capacity (L)	*	13	*	13
Pump output (L/min)	*	14,7	*	14,7
Dimension (HxLxW cm)	162 x 76 x 100	162 x 76 x 100	162 x 76 x 100	162 x 76 x 100
Weight (kg)	185	195	190	200
Combined power. CONTACT US	PTO plug (PRO00061)			
	400 V female plug (PRI00002)			

* Depending from tractor output

Vertical splitter 8 tons - V08 series

SPLITTING RANGE



■ V08 series

A 108 cm cutting length for a 8 tons power, with automatic log-grip arms. The machine is also easy to move with the inflatable wheels.

- 2 handle control
- 108 cm cutting length
- Retractable cylinder for storage
- Inflatable wheels for easy moving
- Two splitting speeds
- Brass guiding system
- High speed return
- Wood holding arm
- Floor plate in full steel
- Female gear box pump (PTO)



Ø 40 cm
< 100 cm >



VELO8M

Log splitter	VELO8 M	VELO8 T	VPF08	VES08
Splitting force (to)	8	8	8	8
Splitting length (cm)	108	108	108	108
Pump	Double	Single	Single	Double
Power supply	230V / 2,2kW	400V / 4kW	PTO tractor	Petrol Honda 5.5 HP
Speed 1 (cm/s)	6,6	7	8,1	6,3
Speed 2 (cm/s)	14,8	16,1	18,9	13,8
Return speed (cm/s)	11,2	11,9	13,5	11,2
Oil capacity (L)	13	13	13	13
Pump output (L/min)	18,6	16,5	14,7	19
Dimension (HxLxW cm)	250-182*x80x80	250-182*x80x80	250-182*x80x80	250-182*x80x80
Weight (kg)	225	225	220	230
Hydraulic and combined power. CONTACT US	3-points tractor hitch for VEL/VPF (OPT00001)			
	PTO plug (PRO00061)			
	400 V female plug (PRI00002)			

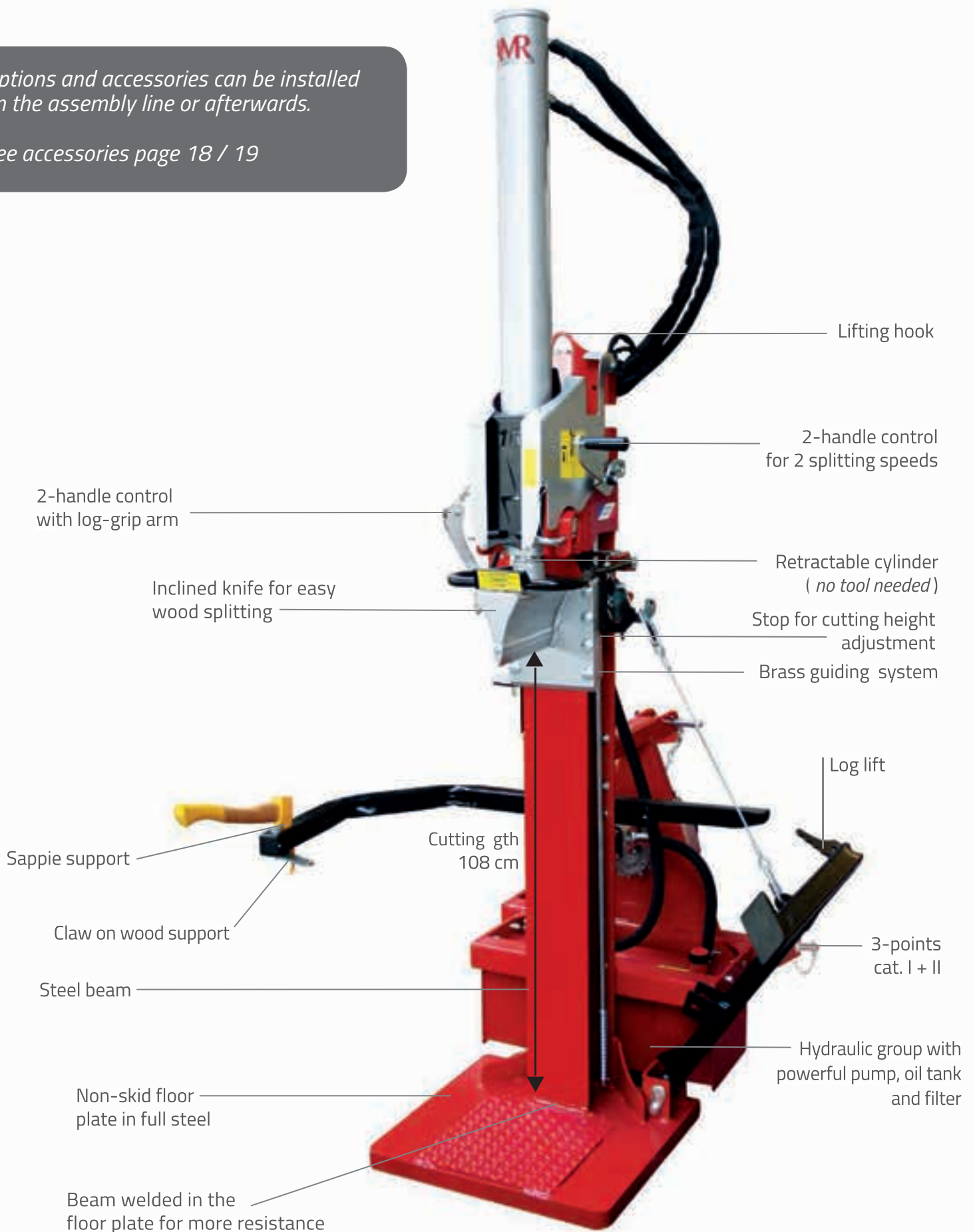
* Work position - transport position

Vertical splitter 12/16 tons - V12/16 series

SPLITTING RANGE

Options and accessories can be installed on the assembly line or afterwards.

See accessories page 18 / 19





Safety :

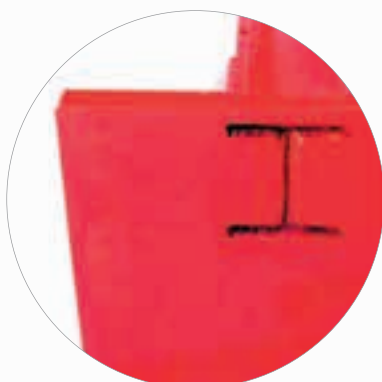
The 2-handle control allows to split logs safely. Left hand is for holding the wood and right hand activates the first then the second speed.



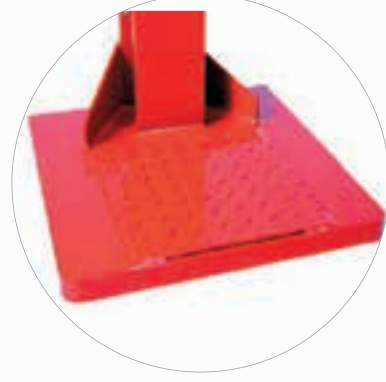
Ergonomic knife in wedge shape for splitting easily. Inclined returns to maintain the wood.



Sappie support for more comfort.



For robustness the steel beam is set into the floor plate and welded on both sides.



Vertical splitter 12 tons - V12 series

SPLITTING RANGE

■ V12 series

The V12 series splitters are full of reliability and performance. They have double cylinder speed, retractable cylinder, and they can have various accessories and options.

Sappie support included.

Mechanical log lift device



Ø 70 cm
< 100 cm >



VPF12
in transport position



VHY12



VPE12

Log splitter	VEL12	VHY12	VPF12	VHE12	VPE12
Splitting force (to)	12	12	12	12	12
Splitting length (cm)	108	108	108	108	108
Pump	Single	-	Single	Single	Single
Power supply	400 V / 4 kW	Tractor hydraulics	PTO tractor	Hydraulic + Elec. 400 V	PTO tractor + Elec. 400 V
Speed 1 (cm/s)	7,7		11,4	*/7,7	11,4/7,7
Speed 2 (cm/s)	16,7	*	25,6	*/16,7	25,6/16,7
Return speed (cm/s)	12,5		18,9	*/12,5	18,9/12,5
Oil capacity (L)	28	*	28	28	28
Pump output (L/min)	21	*	37	*/21	37/21
Dimension (HxLxW cm)	250 (Work position) / 190 (Transport position) x 120 x 110 (68 on VHY12)				
Weight (kg)	370	275	320	360	370

* Depending from tractor output

Extra charge for 120 cm opening (cylinder 1 m)

Extra charge for female pump on VPF12

PTO shaft type 3 (CAR00001)

See all options & accessories page 18 & 19

Vertical splitter 16 tons - V16 series



■ V16 series

The V16 series splitters are designed to be robust. They have double cylinder speed, retractable cylinder, and they can have various accessories and options. Sappie support included Mechanical log lift device



Ø 80 cm
< 100 cm >



Log splitter	VEL16	VHY16	VPF16	VHE16	VPE16
Splitting force (to)	16	16	16	16	16
Splitting length (cm)	108	108	108	108	108
Pump	Double	-	Single	Double	Single/Double
Power supply	400 V / 4 kW	Tractor hydraulics	PTO tractor	Hydraulic + Elec. 400 V	PTO tractor + Elec. 400 V
Speed 1 (cm/s)	9,5		10,6	*/9,5	10,6/9,5
Speed 2 (cm/s)	20,9	*	27,8	*/20,9	27,8/20,9
Return speed (cm/s)	14,2		16	*/14,2	16/14,2
Oil capacity (L)	28	*	28	28	28
Pump output (L/min)	42	*	54	*/42	54/42
Dimension (HxLxW cm)	250 (Work position) / 190 (Transport position) x 120 x 110 (68 on VHY16)				
Weight (kg)	410	310	370	395	420

* Depending from tractor output

- Extra charge for 120 cm opening (cylinder 1 m)
- Extra charge for female pump on VPF16
- PTO shaft type 3 (CAR00001)
- See all options & accessories page 18 & 19

COMPLETE YOUR LOG SPLITTER BY ADDING FUNCTIONS

Accessories - V12/16/20/25 series

The options and accessories can be installed during production process.
V20 and V25 are not constructed anymore but you can still order their accessories.

If you order a log winch kit, please give us the model, year and if your splitter already has an hydraulic log lift.

If you order an oil cooler set, please tell us if you already have a log winch and/or a hydraulic log lift.



Hydraulic log lift



Intermediate support for splitter and bundler (p.77)



Sappie



3 Wheels and handling lever
(2 wheels only for
VHY models)

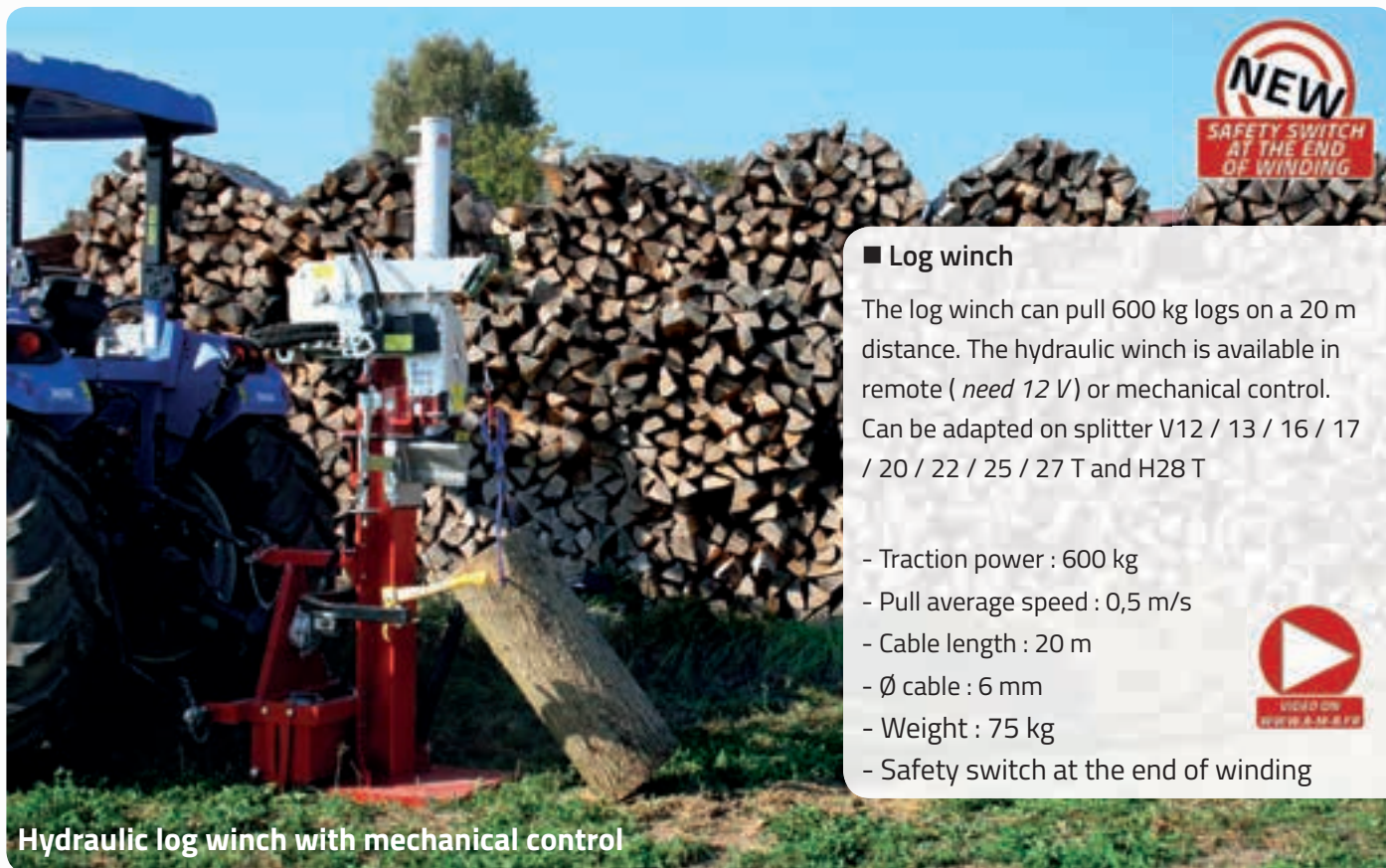
Transformation kit VHY12 to VPF12*	TRA00006
Transformation kit VHY16 to VPF16*	TRA00012
Transformation kit VPF12 VPE12 SP*	TRA00004
Transformation kit VPF16 to VPE16*	TRA00009A
Intermediate support for splitter and bundler (large-angle PTO shaft recommended) V12/V27	SUP000102
Split-wedge 12/16	ECL000100
Split-wedge 20/25	ECL000200
Mechanical log lift V12 / V16 / V 20 / V 25	LBM000101
Hydraulic log lift V12 / V16	LBH000200
Hydraulic log lift V20 / V25	LBH000100
Wheels and handling lever 12/13/16/17 (3 wheels) Cat.2	RTM000202
Wheels and handling lever 12/13/16/17 for VHY model (2 wheels) Cat.2	RTM000300
Oil cooler set 12/13/16/17 (for intensive use)	REF10000
Oil cooler set 20/22/25/27 (for intensive use)	REF10001
PTO shaft type 3	CAR00001 / CAR00025
Tachometer and hour meter VPF/VPE for PTO	COM000500
Sappie 380 mm / 800 mm	SAP00001 / SAP00002

*For other models and kits. CONTACT US

**COMPLETE YOUR LOG
SPLITTER
BY ADDING FUNCTIONS**

Log winch for splitters mechanical or remote controlled

SPLITTING RANGE



Hydraulic log winch with mechanical control

■ Log winch

The log winch can pull 600 kg logs on a 20 m distance. The hydraulic winch is available in remote (need 12 V) or mechanical control. Can be adapted on splitter V12 / 13 / 16 / 17 / 20 / 22 / 25 / 27 T and H28 T

- Traction power : 600 kg
- Pull average speed : 0,5 m/s
- Cable length : 20 m
- Ø cable : 6 mm
- Weight : 75 kg
- Safety switch at the end of winding



Hydraulic log winch with mechanical control
NEW - With switch at the end of winding



Mechanical log winch V12/16	TTB000206
Mechanical log winch V13/17	TTB100001
Mechanical log winch V20/25	TTB000103
Mechanical log winch V22/27	TTB200001
Remote controlled log winch V12/16	TTB000207
Remote controlled log winch V13/17	TTB100002
Remote controlled log winch V20/25	TTB000104
Remote controlled log winch V22/27	TTB200002
Remote controlled log winch H28 on axle	TTB000302
Remote controlled log winch H28 on 3-point	TTB000303
Pliers for winch 70 cm 2000 kg	PIN000300
Pliers for winch 55 cm 1500 kg	PIN000200
Hook for winch	CRO000100

Log winches can be assembled during production process or afterwards.

Please tell us your splitter model, power supply, serial number, and if it has an hydraulic log-lift.

According to standards, a winch can be used only when the splitter is linked to a tractor.

PROFESSIONAL, HEAVY DUTY LOG SPLITTING!

Vertical splitter 13 - 17 - 22 - 27 tons

- More power
- More safety
- More comfort



Safety trophy
Forexpo 2016



Innovation trophy
Space 2016





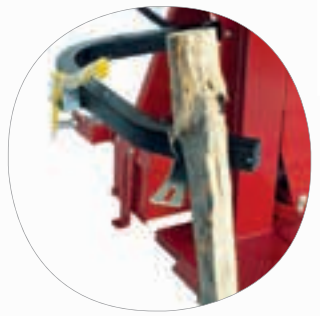
Design thermoformed cover



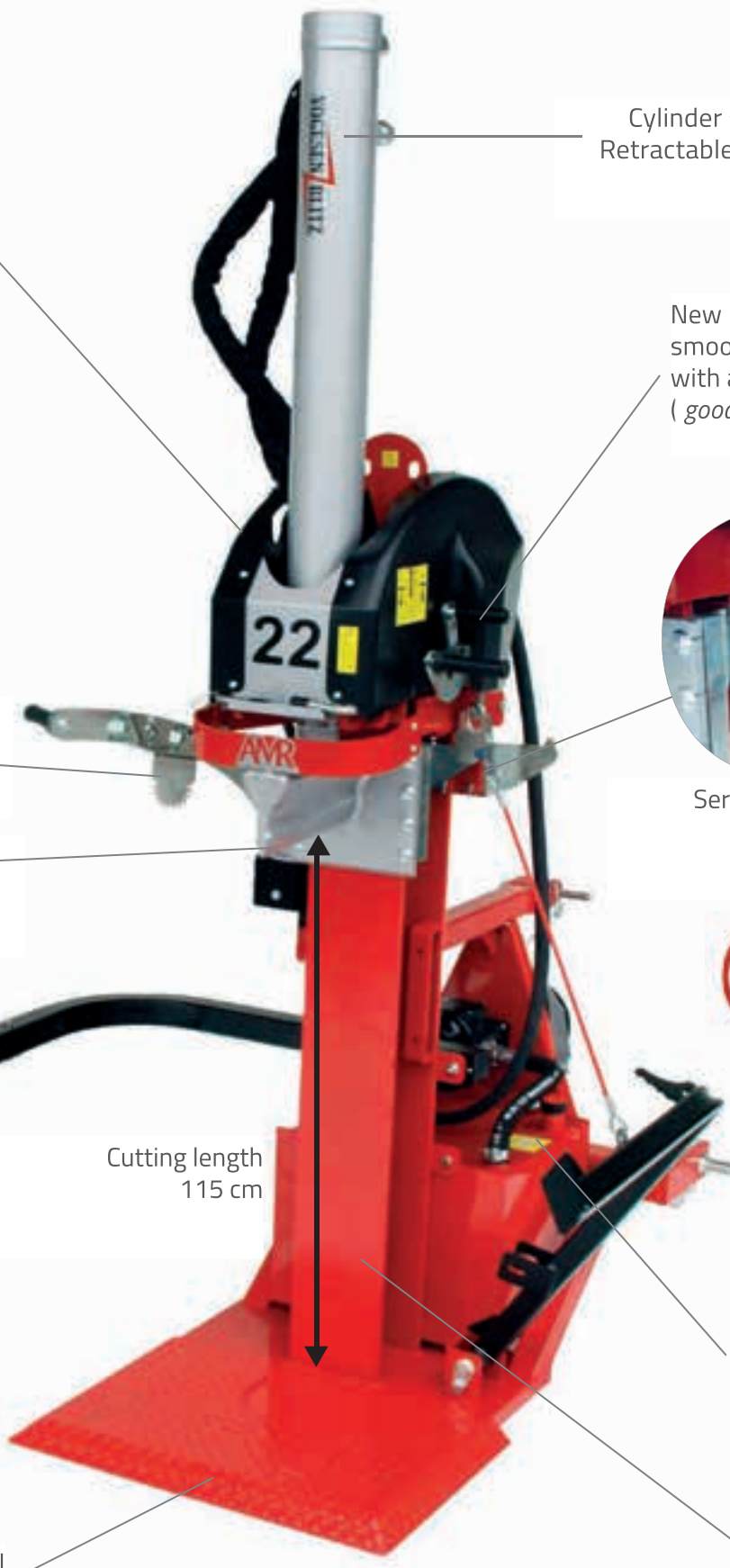
Adjustable claw to hold all logs (from 8 cm)

Larger and sharper knife

Larger log support arm with adjustable claw for wood, and sappie support



Non-skid plate in full steel with angled edges to facilitate timber handling



Cutting length 115 cm

Cylinder stroke 105 cm
Retractable without tools

New mechanism, smoother and stronger with a latching system (good for short logs)



Serial log lift with cable



3-points
Cat. I + II

Cast iron pump, silent and robust. Bigger tank.

Massive beam

Vertical splitter 13 tons - V13 series

SPLITTING RANGE

■ V13 series

This splitter has been improved in ergonomics, power and speeds.

- Maximal safety for work
- 2-handle control
- Mechanical log-lift device
- 115 cm cutting length
- Retractable cylinder for storage
- 2 splitting speeds
- Brass guiding system with grease point
- Non-skid plate in full steel with angled edges
- Aluminium pump



Ø 70 cm
< 110 cm >



VPE13
With hydraulic log-lift

Log splitter	VEL13	VHY13	VPF13	VHE13	VPE13
Splitting force (to)	13	13	13	13	13
Splitting length (cm)	115	115	115	115	115
Pump	Single	-	Single	Single	Single/Single
Power supply	400 V / 6,6 kW	Tractor hydraulics	PTO tractor	Hydraulic + Elec. 400 V	PTO + Elec. 400 V
Speed 1 (cm/s)	7,4		10,6	*/7,4	10,6/7,4
Speed 2 (cm/s)	20	*	26	*/20	26/20
Return speed (cm/s)	11,5		18	*/11,5	18/11,5
Oil capacity (L)	28	*	28	28	28
Pump output (L/min)	28	*	45	*/28	45/28
Dimension (HxLxW cm)	262 (Work position) / 200 (Transport position) x 135 x 120				
Weight (kg)	425	340	395	430	440

* Depending from tractor output

PTO shaft type 3 (CAR00001)

See all options & accessories page 26 & 27

Vertical splitter 17 tons - V17 series

SPLITTING RANGE



■ V17 series

This splitter has been improved in ergonomics, power and speeds.

- Maximal safety for work
- 2-handle control
- Mechanical log-lift device
- 115 cm cutting length
- Retractable cylinder for storage
- 2 splitting speeds
- Brass guiding system with grease point
- Non-skid plate in full steel with angled edges
- Cast iron pump (PTO)



VPF17



Ø 80 cm
< 110 cm >

Log splitter	VEL17	VHY17	VPF17	VHE17	VPE17
Splitting force (to)	17	17	17	17	17
Splitting length (cm)	115	115	115	115	115
Pump	Double	-	Single	Double	Single/Double
Power supply	400 V / 4,8 kW	Tractor hydraulics	PTO tractor	Hydraulic + Elec. 400 V	PTO + Elec. 400 V
Speed 1 (cm/s)	9,5		11,8	* / 9,5	11,8 / 9,5
Speed 2 (cm/s)	21,0	*	27,9	* / 20,9	27,9 / 21,0
Return speed (cm/s)	14,2		17,6	* / 14,2	17,6 / 14,2
Oil capacity (L)	28	*	28	28	28
Pump output (L/min)	43	*	57	* / 43	57 / 43
Dimension (HxLxW cm)	262 (Work position) / 200 (Transport position) x 135 x 120				
Weight (kg)	445	360	420	450	465

* Depending from tractor output

PTO shaft type 3 (CAR00001)

See all options & accessories page 26 & 27

Vertical splitter 22 tons - V22 series

SPLITTING RANGE

■ V22 series

This splitter has been improved in ergonomics, power and speeds.

- Maximal safety for work
- 2-handle control
- Mechanical log-lift device
- 115 cm cutting length
- Retractable cylinder for storage
- 2 splitting speeds
- Brass guiding system with grease point
- Non-skid plate in full steel with angled edges
- Cast iron pump (PTO)



Ø 100 cm
< 110 cm >



VPF22

Log splitter	VEL22	VHY22	VPF22	VHE22	VPE22
Splitting force (to)	22	22	22	22	22
Splitting length (cm)	115	115	115	115	115
Pump	Double	-	Single	Double	Single/Double
Power supply	400 V / 6,6 kW	Hydraulic tractor	PTO tractor	Hydraulic + Elec. 400 V	PTO tractor + Elec. 400 V
Speed 1 (cm/s)	8,0		11,4	*/ 8,0	11,4/ 8,0
Speed 2 (cm/s)	24,8	*	23,3	*/24,8	23,3/24,8
Return speed (cm/s)	15,4		17,1	*/15,4	17,1/15,4
Oil capacity (L)	62	*	62	62	62
Pump output (L/min)	58	*	69	*/58	69/58
Dimension (HxLxW cm)	264 (Work position) / 202 (Transport position) x 155 x 150				
Weight (kg)	560	490	545	565	615

* Depending from tractor output

PTO shaft type 3 (CAR00001)

See all options & accessories page 26 & 27

Vertical splitter 27 tons - V27 series



■ V27 series

This splitter has been improved in ergonomics, power and speeds.

- Maximal safety for work
- 2-handle control
- Mechanical log-lift device
- 115 cm cutting length
- Retractable cylinder for storage
- 2 splitting speeds
- Brass guiding system with grease point
- Non-skid plate in full steel with angled edges
- Cast iron pump (PTO)



Ø 100 cm
< 110 cm >



VPF27

Log splitter	VEL27	VPF27	VPE27
Splitting force (to)	27	27	27
Splitting length (cm)	115	115	115
Pump	Double	Single	Single/Doublee
Power supply	400 V / 6,6 kW	PTO tractor	PTO tractor +Elec. 400 V
Speed 1 (cm/s)	8	10,3	10,3/8
Speed 2 (cm/s)	16,2	30,4	30,4/16,2
Return speed (cm/s)	11,7	15,3	15,3/11,7
Oil capacity (L)	70	70	70
Pump output (L/min)	58 L/min	81 L/min	81/58 L/min
Dimension (HxLxW cm)	264 (Work position) / 202 (Transport position) x 155 x 150 cm		
Weight (kg)	615	600	670
PTO shaft type 3 (CAR00001)			
See all options & accessories page 26 & 27			

COMPLETE YOUR LOG SPLITTER BY ADDING FUNCTIONS

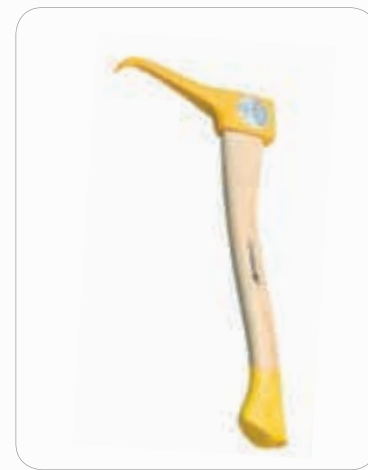
Accessories - V13/17/22/27 series



Mechanical log-lift included



Hydraulic log-lift (option)



Sappie
Length : 380 oder 800 mm



3 Wheels and handling lever
(2 wheels only for VHY 13/17)



Tachometer and hour meter
(for PTO)

Options and accessoires for V13/17/22/27 series can be assembled in the factory or afterwards with our kits.

If you order a log winch kit, please give us the model, serial number and if your splitter has already an Hydraulic log-lift.

If you order an oil cooler set, please tell us if you already have a log winch and/or a hydraulic log lift.

*For other models and kits. CONTACT US

Transformation kit VHY13 to VPF13*	TRA00051
Transformation kit VHY17 to VPF17*	TRA00052
Transformation kit VHY22 to VPF22*	TRA00049
Intermediate support for splitter and bundler V12/V27	SUP000102
Hydraulic log lift V13 / V17	LBH001000
Hydraulic log lift V22 / V27	LBH002000
Wheels and handling lever 12/13/16/17 (3 wheels) Cat.2	RTM000202
Wheels and handling lever 12/13/16/17 for VHY (2 wheels) Cat.2	RTM000300
Oil cooler set 12/13/16/17 (for intensive use recommended)	REF10000
Oil cooler set 20/22/25/27 (for intensive use recommended)	REF10001
PTO shaft typ 3	CAR00001 / CAR00025
Tachometer and hour meter for PTO	COM000500
Sappie 380 mm / 800 mm	SAP00001 / SAP00002

COMPLETE YOUR LOG SPLITTER BY ADDING FUNCTIONS

Hydraulic log winch with radio remote control
Logs until 600 kg
(More information : p19)



Hydraulic log winch with mechanical control
Logs until 600 kg
(More information : p19)



Hook



Pliers
(opening width 55/70 cm)



Mechanical log winch V13/17	TTB100001
Mechanical log winch V22/27	TTB200001
Remote controlled log winch V13/17	TTB100002
Remote controlled log winch V22/27	TTB200002
Pliers for log winch 2 T opening 70 cm	PIN000300
Pliers for log winch 1.5 T opening 55 cm	PIN000200
Hook for log winch	CRO000100

16 tons splitter on road homologated frame - VMR





Road homologated splitter 12/16 tons - VMR Series

SPLITTING RANGE

■ VMR 12-16 series

VMR12-16 splitters on a road-homologated frame. They combine effectiveness and robustness and stand for great mobility and autonomy.

- Comfort : hydraulic tilting splitter in working and transport position
- 2-handle control
- 2 splitting speeds
- Road homologation according to directive 2007/46 / EC
- Electric start on diesel engine
- 108 cm cutting length
- Log support arm with adjustable claw for wood and sapphire support
- Mechanical log-lift included (*really convenient*)
- Non-skid plate in full steel
- Cylinder retractable without tools



VMR16ESS



12 To Ø 70 cm < 100 cm >



16 To Ø 80 cm < 100 cm >



Anti-theft system (option)



Spare wheel (option)



Log splitter	VMR12ESS DP	VMR12DIE DP	VMR16ESS-9 DP	VMR16ESS-13DP	VMR16DIE DP
Road homologation according to directive 2007/46 / EC (<i>additional fee</i>)					
Splitting force (to)	12	12	16	16	16
Splitting length (cm)	108	108	108	108	108
Pump	Double	Double	Double	Double	Double
Power supply	Petrol Honda 9 HP	Diesel 9 HP	Petrol Honda 9 HP	Petrol Honda 13 HP	Diesel 9 HP
Fuel capacity	5.3 L	5.5 L	5.3 L	6.1 L	5.5 L
Speed 1 (cm/s)	14	14	9	9	9
Speed 2 (cm/s)	25	25	19,7	19,7	19,7
Return speed (cm/s)	22	22	13,3	13,3	13,3
Oil capacity (L)	24	24	24	24	24
Pump output (L/min)	36,2	36,2	36,2	36,2	36,2
Dimension (HxLxW cm)	(<i>Transport position</i>) : 186 x 126 x 295 / (<i>Work position</i>) : 250 x 126 x 287				
Weight (kg)	520	530	560	570	570
According to the standards, it's not allowed to use a winch on this kind of equipment	Extra charge for frame with brake for parking				
	Hydraulic log-lift VMR12/16 (LBH000500)				
	Spare wheel with support (SUP00011)				
	Anti-theft system (ANT00005)				

Road homologated splitter 13/17 tons- VMR Series

SPLITTING RANGE

■ VMR 13-17 series

VMR13-17 splitters on a road-homologated frame. They combine effectiveness and robustness and stand for great mobility and autonomy.

- Comfort : hydraulic tilting splitter in working and transport position
- 2-handle control
- 2 splitting speeds
- Road homologation according to directive 2007/46 / EC
- Electric start on diesel engine
- 115 cm cutting length
- Adjustable claw to hold all logs (*from 8cm*)
- Log support arm with adjustable claw for wood and sapple support
- Mechanical log-lift included (*really convenient*)
- Non-skid plate in full steel with angled edges to facilitate timber handling
- Cylinder retractable without tools



17 To Ø 80 cm
< 110 cm >



13 To Ø 70 cm
< 110 cm >



VMR17ESS



Anti-theft system (option)



Spare wheel (option)

Log splitter	VMR13ESS-9DP	VMR17ESS-9DP	VMR17ESS-13DP	VMR17DIE DP
Road homologation according to directive 2007/46 / EC (additional fee)				
Splitting force (to)	13	17	17	17
Splitting length (cm)	115	115	115	115
Pump	Double	Double	Double	Double
Power supply	Petrol Honda 9 HP	Petrol Honda 9 HP	Petrol Honda 13 HP	Diesel 9 HP
Fuel capacity	5.3 L	5.3 L	6.1 L	5.5 L
Speed 1 (cm/s)	9,5	9,1	9,1	9,1
Speed 2 (cm/s)	25,5	20,3	20,3	20,3
Return speed (cm/s)	15,2	12,8	12,8	12,8
Oil capacity (L)	24	24	24	24
Pump output (L/min)	36,2	36,2	36,2	36,2
Dimension (HxLxW cm)	(Transport position) : 195 x 126 x 303 / (Work position) : 260 x 126 x 318			
Weight (kg)	520	550	550	600
According to the standards, it's not allowed to use a winch on this kind of equipment	Extra charge for chassis with brake for parking			
	Hydraulic log-lift for VMR13/17 (LBH001100)			
	Spare wheel with support (SUP00011)			
	Anti-theft system (ANT00005)			

Towable splitter 12/13/16/17 tons - VMR-S series

SPLITTING RANGE

■ VMR-S series 12 / 16

Ensure freedom with this non-homologated road driving splitter !
A robust frame and wheels expected for offroad. You are now ready to split offroad, with a quad for example.

- Mechanical tilting by winch included
- Petrol engine Vanguard 10 HP with double pump
- Cylinder stroke retractable without tools
- For robustness the steel beam is set into the floor plate and welded on both sides
- 2-handle control
- 2 splitting speeds
- Brass guiding system



See VMR



VMR-S12



VMR-S17



■ VMR-S series 13 / 17

- Cutting length : 115 cm
- Adjustable claw to hold all logs (*from 8 cm*)
- Log support arm with adjustable claw for wood and sapphire support
- Mechanical log-lift included (*really convenient*)
- Non-skid plate in full steel with angled edges to facilitate timber handling

Log splitter	VMR-S12 ESS DP	VMR-S16 ESS DP	VMR-S13 ESS DP	VMR-S17 ESS DP
Splitting force (to)	12	16	13	17
Splitting length (cm)	108	108	115	115
Pump	Double	Double	Double	Double
Power supply	petrol Vanguard 10 HP	petrol Vanguard 10 HP	petrol Vanguard 10 HP	petrol Vanguard 10 HP
Fuel capacity	5.5 L	5.5 L	5.5 L	5.5 L
Speed 1 / 2 / return (cm/s)	14,1 / 24,9 / 22,3	9,8 / 20,7 / 14,1	9,5 / 25,5 / 15,2	9,8 / 20,7 / 14,1
Oil capacity (L)	28	28	28	28
Pumpe output (L/min)	36,2	36,2	36,2	36,2
Dimension (HxLxW cm)	(<i>Transport position</i>) : 190 x 120 x 214 / (<i>Work position</i>) : 250 (260 en 17To) x 120 x 218			
Weight (kg)	395	430	460	470

According to the standards, it's not allowed to use a winch on this kind of equipment

Hydraulic log-lift VMR-S 12/V16 (LBH000400)

Hydraulic log-lift VMR-S 13/V17 (LBH001200)

Extra charge for Motor Honda (GX270)

Crane splitter 25 tons - HHY25 Model

■ HHY25 model

Crane splitter with a 25 tons power and 110 cm splitting length. This convenient splitter can be installed on front loader or forestry crane.

- Retractable cylinder without tools
- Brass guiding system
- Robust and durable
- Recommended oil flow : 60 L/min

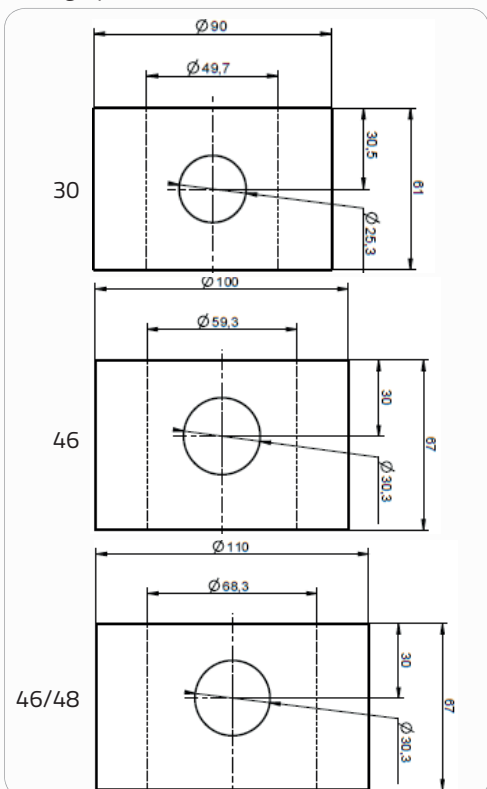


Ø 100 cm
< 110 cm >



Log splitter	HHY25
Splitting force (to)	25
Cutting length / cylinder stroke (cm)	110 / 100
Power supply	Tractor hydraulics
Speeds depends on the tractor oil flow	
Dimensions (HxPxW cm)	Transport : 60 x 65 x 198 / Work: 258
Weight (kg)	400
Linkage for EURO front loader (ATT10003)	
Linkage for rotator 30 (ATT10000)	
Linkage for rotator 46 (ATT10001)	
Linkage for rotator 46/48 (ATT10002)	

Linkage for rotator



Horizontal log splitters

17 tons - 28 tons 3-Point - 28 tons on axle - Kindling machine



Horizontal log splitter 17 tons - H17 series

SPLITTING RANGE

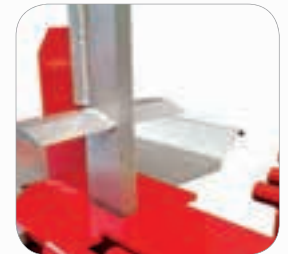


■ Log splitter H17 - 17 tons

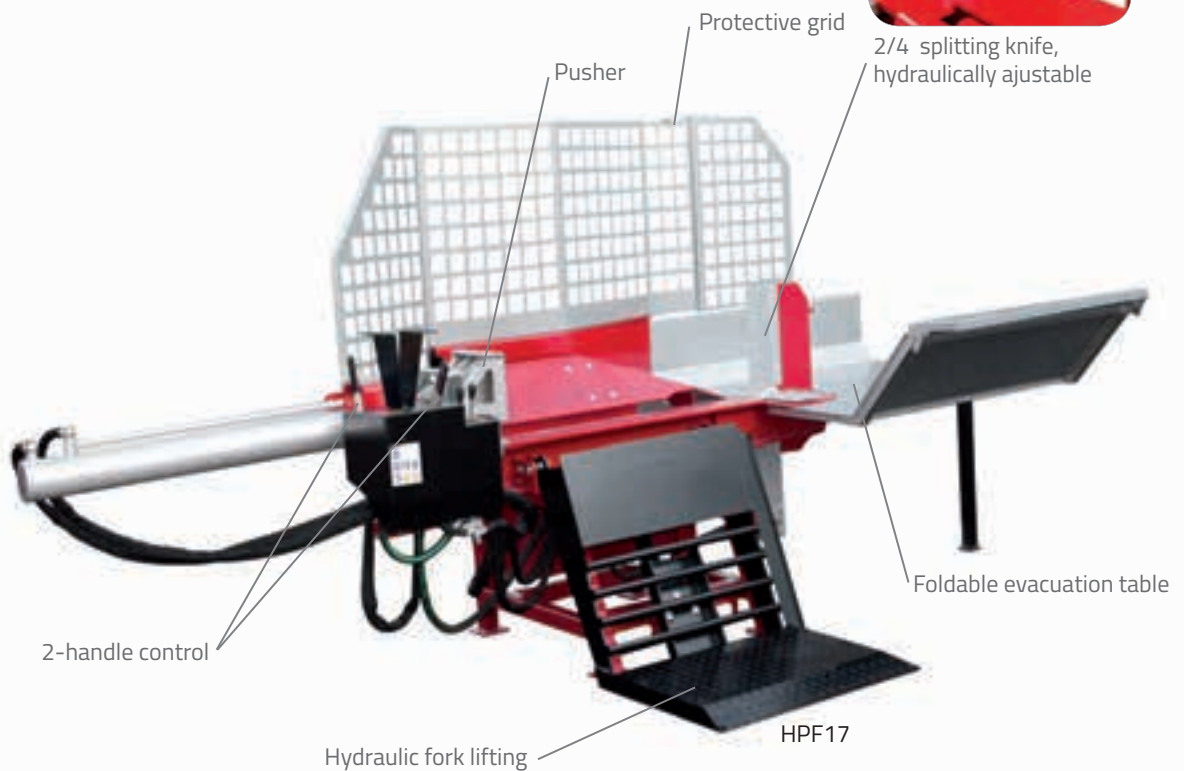
This machine has been designed for professionals to create an efficient workplace which allows comfort, safety and high efficiency.

Work comfort: lifting fork and large evacuation table

- 2/4 splitting knife, hydraulically adjustable
- 2-Handle control with 2 splitting speeds
- Easy to move: foldable table and cylinder
- Cutting length: 115 cm



2/4 splitting knife, hydraulically adjustable



Log splitter	HPF17	HEL17
Splitting force (to)	17	17
Splitting length (cm)	115	115
Pump	Cast iron pump / Single	Aluminium pump / Double
Power supply	PTO tractor	400 V / 4,8 Kw
Speeds 1 / 2 / returns (cm/s)	11,8 / 27,9 / 17,6	9,5 / 21 / 14,2
Oil capacity (L)	28	28
Pump outup (l/min)	57	43
Dimensions (HxLxW cm)	(Work position) : 175 x 400 x 175 (Transport position) : 175 x 225 x 156	
Weight (kg)	680	705
Sappie 380 mm / 800 mm (SAP00001 / SAP00002)		

Horizontal splitter 28 tons on 3-point hitch - H28 series

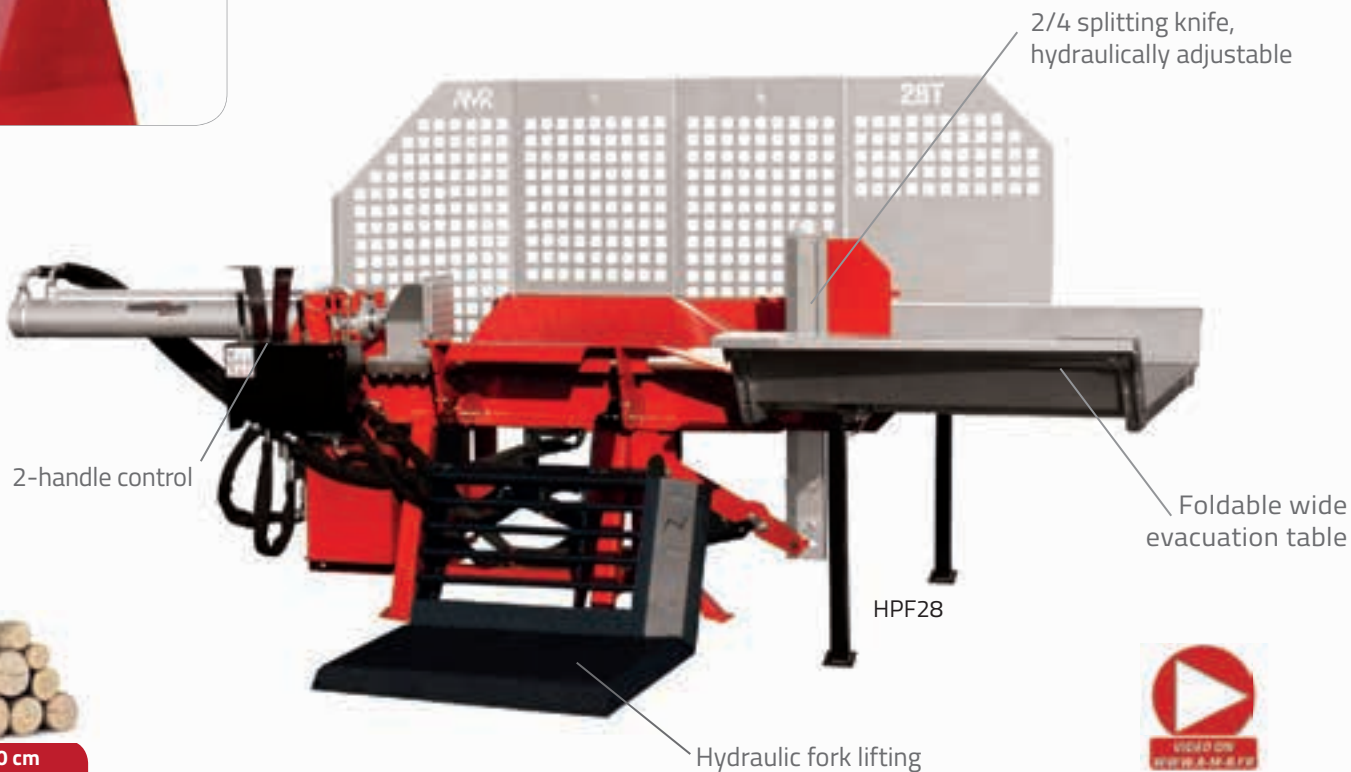
SPLITTING RANGE



Hydraulic log winch with remote control for H28.

This option can be assembled in the factory or afterwards with our kits.

- Traction power : 600 kg
- Cable : 20 M length Ø 6 mm
- Cable average speed : 0.5 m / s
- 12 V from tractor required
- Safety switch at the end of winding
- Automatic regulation system at splitting speed



Ø 110 cm
< 120 cm >



Log splitter	HPF28	HEL28	HPE28
Splitting force (to)	28	28	28
Splitting length (cm)	120	120	120
Pump	Double	Triple	Double/Triple
Power supply	PTO tractor	400 V / 9,2 kW	PTO tractor + Elec. 400 V
Automatic speed (cm/s)	24,0	22,7	24,0 / 22,7
Retun speed (cm/s)	21,8	16,2	21,8 / 16,2
Oil capacity (L)	85	85	85
Pump output (L/min)	89	87,8	89 / 87,8
Dimension (HxLxW cm)	(Transport position) : 194 x 178 x 325 / (Work position) : 133 x 226 x 405		
Weight (kg)	1005	1069	1075

Log winch can be assembled in the factory or afterwards with our kits.

12 V necessary

6 - way splitting knife (FCX001001)

Log winch with remote control for 28 tons (TTB000303)

PTO shaft type 3 (CAR00001)

Sappie 380 mm / 800 mm (SAP00001 / SAP00002)

Horizontal splitter 28 tons on axle - H28 ESS series

SPLITTING RANGE



Hydraulic log winch with remote control for H28.
 This option can be assembled in the factory or afterwards with our kits.

- Traction power : 600 kg
- Cable : 20 M length Ø 6 mm
- Cable average speed : 0.5 m / s
- 12 V from tractor required
- Safety switch at the end of winding
- Automatic regulation system at splitting speed



Ø 110 cm
< 120 cm >



Log splitter	HPF28 ESS	HPE28 ESS
Splitting force (to)	28	28
Splitting length (cm)	120	120
Pump	Double	Double/Triple
Power supply	PTO tractor	PTO tractor + Elec. 400 V
Automatic speed (cm/s)	24	24,0 / 22,7
Retun speed (cm/s)	21,8	21,8 / 16,2
Oil capacity (L)	85	85
Pump output (L/min)	89	89 / 87,8
Dimension (HxLxW cm)	194 x 190 x 473	
Weight (kg)	1150	1330

<p>Log winch can be assembled in the factory or afterwards with our kits.</p> <p>12 V necessary</p>	6 - way splitting knife (FCX001001)
	Log winch with remote control for 28 tons on axle (TB000302)
	PTO shaft, specific for 28 tons on axle (CAR00015)
	Sappie 380 mm / 800 mm (SAP00001 / SAP00002)

Kindlet, kindling machine

Performance, quality and time saving provided with Kindlet 200 and Kindlet Pro kindling machines. Machines for sticks production for firewood. Every 1.2 seconds (*Pro model*) the 5t powered splitting blade cuts kindling wood ready for use.

Fastest cycle time on the market !

- Power : 4 and 5 tons
- Yield : 80 to 150 bags / hour
- Oil cooler included (*PRO model*)

	Kindlet PRO	Kindlet 200
Ø max. of wood (cm)	25	20
Length as standard (cm)	20	15
Length kit in option (cm)	15 - 25 - 29	-
Type of wood recommended : Resinoux (pine) - birch - not stringy wood		
Type of wood not recommended : knotty wood / wood pallet / timber drop		



Kindlet PRO with 3 sack Rotabagga



Kindlet 200 with standard conveyor



Kindling machine	KINDLET 200 M	KINDLET 200 T	KINDLET 200 PDF	KINDLET PRO T	KINDLET PRO PDF
Cutting length (cm)	15	15	15	Standard : 20 Option : 15/25/29	Standard: 20 Option : 15/25/29
Splitting force (to)	4	4	4	5	5
Cycle time (s)	2	2	2	1,2 (Length : 15cm)	1,2 (Length : 15cm)
Output max. (sack 24 L / hour)	80	80	80	150	150
Power supply	230 V / 2,2 kW	400 V / 3 kW	PTO tractor	400 V 7,5 kW	PTO tractor
Supply conveyor (cm)	130	130	130	230	230
Evacuation conveyor (cm)	120	120	120	220	220
Dimension (HxLxW cm)	Kindlet 200 : 128 x 110 x 240 / Kindlet Pro : 140 x 140 x 280				
Weight (kg)	400	400	400	700	700

TRANSFORMATION KIT

- > Kindlet 200 available only with 15 cm kit.
- > Kindlet PRO with 20 cm kit as standard.
- Optional kits available : 15, 25 and 29 cm.

Rotabagga (for 3 bag 40 L) (NEG00298) Kindlet 200

Rotabaga-bag system (Bags 40L) (NEG00299) Kindlet PRO

3 kits for Kindlet Pro in option : 15, 25 and 29 cm
(kit contains : 15/25 cm = band + stop / 29 cm = band) (Ref. KIT)

Bag 24 L - 500, 1000 or 2000 pieces (FIL000124) with zipper

Bag 40 L - 500, 1000 or 2000 pieces (FIL000140) with zipper



SAWING RANGE

QUATR  **MAT**





VIEW ON
WWW.AKAPD



AUTOMATIC SAWING

HIGH OUTPUT!

Standard EN 1870-6

- Comfort : adjustable cutting length, from 25 to 52 cm without tools or dismantling
- Capacity / hour : 10-14 steres
- Safety : no direct access to saw blade



5m conveyor with individual sections.
Double acting hydraulic cylinder

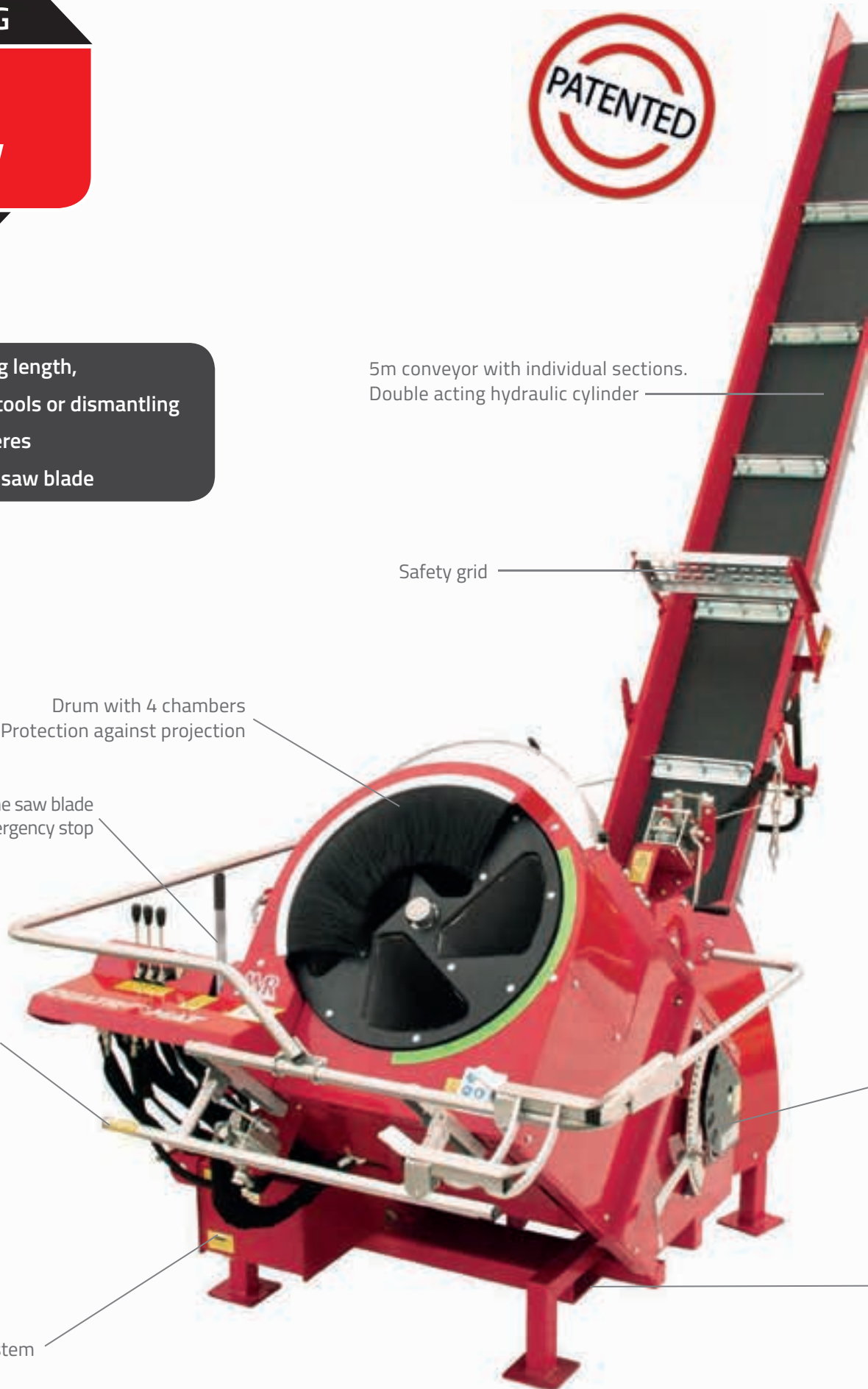
Safety grid

Drum with 4 chambers
Protection against projection

Drive clutch for the saw blade
with emergency stop

Drum safety bar

Independent hydraulic system





With our automatic drum saw with 4 chambers, we enable you to cut extremely fast with high performance and maximum safety.



The great advantage of our drum saw is that the cutting length of 25 - 52 cm can be adjusted in seconds without tools and without removing the drum.

With the inclination of the drum, the wood is automatically positioned by gravity. It is not necessary to push and hold the wood.



A drum in 3 parts
The internal part is made up of 3 telescopic parts in order to guide the wood along the drum



European Patent

Cut length adjustable from 25 to 52 cm without tools and dismantling

Loading assistance for fork lift





■ Automatic saw Quatromat - SAT4-700

The Quatromat circular saw allows easy and quick sawing of round or splitted wood.

- Double-acting cylinder on the conveyor belt
- Drive clutch for the saw blade with emergency stop.
- Cutting capacity : until 10-14 steres/hr
- Cutting length adjustable from 25 to 52 cm.
(20 - 40 cm available) without tools and dismantling
- Drum rotational speed and conveyor speed adjustable
- 5 m x 35 cm belt with hydraulic drive
- Electric engine 9,2 kW, 400 V, CEE 32 A
- Safety grid
- Specific TCT blade, 700 mm x 6/4.5 mm thick
- Safety : no direct access to saw blade
- Wood disposal support included
- Torque limiter included
- Suitable for tractors from 35 HP upwards



QUATROMAT *in transport position*



The blade is fully protected for safety but easily accessible for change

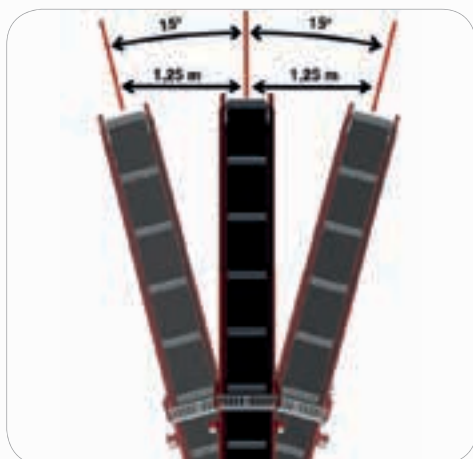


Log grip system locks the wood while sawing.

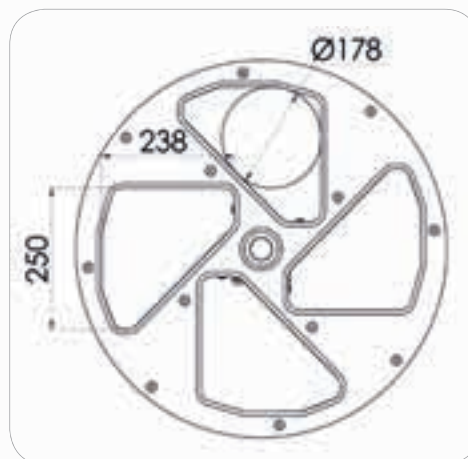


Cutting length adjustable from 25 to 52 cm, without tools and dismantling.

Quatromat	SAT4-700 PTH PTO tractor	SAT4-700 PETH PTO tractor + Elec. 400 V / 9,2 kW combined	SAT4-700 PTHO PTO tractor with orientable conveyor	SAT4-700 PETHO PTO tractor + Elec. combined with orientable conveyor
Number of chambers				4
Length of wood (m)				1
Max. Ø round log / splitted log (cm)				16 / 24
Max. cut / minute				60
Cutting length (cm)				25, 33, 50 cm + intermediate
Pump				14 L with 540 rpm
TCT blade Ø 700 mm				6.0/4.5 Ø30 mm
Conveyor length (m) / Max height of evacuation (m)				5m / 3m
3-point tractor				Cat. I and II
Dimension of transport (HxLxW) (cm)				245 x 210 x 160
Weight (kg)	878	955	887	968
Axle carrier (280 kg) (<i>More information : p 47</i>)				
TCT blade Ø700 mm x 6.0/4.5 Ø30 mm z=42 (LAM00032)				
Lighting ramp (RAM00100)				
Tachometer and hour meter (COM000300)				
PTO shaft type 3 (CAR00001)				
PTO shaft type 3 (CAR00015) - Model with transport axle				
400 V female plug 32A (PRI00019)				
Toolbox (CAI000100)				



The conveyor orientation setting makes easy loading wood in a trailer.
Easy setting with central lever, that can be driven directly from operating place.



4 chambers



Toolbox



■ Automatic saw Triomat - SAT3-700

The new automatic drum saw with 3 channels enables you to cut extremely fast with enormously high performance and maximum safety. This model was specially designed for bigger wood sizes

- Double-acting cylinder on the conveyor belt
- Drive clutch for the saw blade with emergency stop.
- Cutting capacity : until 7.5- 10.5 steres/hr
- Cutting length adjustable from 25 to 52 cm (20-40 cm available) without tools and dismantling
- Drum rotational speed and conveyor speed adjustable
- 5 m x 35 cm belt with hydraulic on drive
- Electric engine 9,2 kW, 400 V, CEE 32 A
- Safety grid
- Specific TCT blade, 700 mm x 6/4.5 mm thick
- Safety : no direct access to saw blade
- Wood disposal support included
- Torque limiter included
- Suitable for tractors from 35 HP upwards



TRIOMAT

Triomat	SAT3-700 PTH	SAT3-700 PETH	SAT3-700 PTHO	SAT3-700 PETHO
	PTO tractor	PTO tractor + Elec. 400 V / 9,2 kW combined	PTO tractor with orientable conveyor	PTO tractor + Elec. combined with orientable conveyor
Number of chambers				3
Length of wood (m)				1
Max.Ø round log / splitted log (cm)				19 / 30
Max.cut / minute				45
Cutting length (cm)				25, 33, 52 + intermediate
Pump				14 L with 540 rpm
TCT blade Ø 700 mm				6.0/4.5/ Ø30mm
Conveyor length (m) / Max height of evacuation (m)				5/3
3-point tractor				Cat. I and II
Dimension of transport (LxBxW) (cm)				245 x 220 x 160
Weight (kg)	878	955	887	968
Transformation kit from Quatromat to Triomat (TRA00200)				
400 V female plug 32A (PRI00019)				
Toolbox (CAI000100)				



3 chambers



Toolbox



TRIOMAT with axle carrier

Axle carrier with lighting (280Kg)* (POR000200 for serial number 1 to1020)

Axle carrier with lighting (280Kg)* (POR000201 for serial number 1021 to1683)

Axle carrier with lighting (280Kg)* (POR000202 from serial number 1684 and up)

Lighting(RAM00100)

PTO Type 3 (CAR00015) - Model with axle carrier

* Specify model and serial number of the machine when ordering.



Lifting table



Compact for the transport

Lifting table (ELE000100)

Maximal lifting capacity (kg)	1000
Maximal lifting height (cm)	103
Size (cm) - Plate (L x W)	105 x 85
- Whole table (H x L x W)	38 x 126 x 85
Weight (kg)	235

SOLMAT







SEMI-AUTOMATIC SAWING with mechanical log carriage

**MAXIMUM EFFICIENCY
&
WORKING COMFORT!**

Standard EN 1870-6

- Cutting capacity : until 7 steres/hr
- High quality carbide saw blade
- Suitable for tractors from 35 HP upwards
- Emergency-stop lever for PTO drive
- Saw blade easily accessible
- Independent hydraulic system
- Incredibly safe: no direct access to the saw blade



Conveyor available in 2 or 5 m with individual sections

Safety grid

Log carriage tilting system

Ajustable conveyor speed

Cutting length adjustable from 20 to 52 cm

Wood disposal support

Loading assistance for fork lift

■ Conveyor 2 m

Mechanically tensioned telescopic discharge conveyor belt with adjustable speed.
Width of the conveyor: 35cm

■ Conveyor 5 m (option pivoting)

Hydraulically tensioned telescopic discharge conveyor belt with adjustable speed.
Width of the conveyor: 35cm



Set the cutting length of 20-52 cm with a notch lever



Log grip system locks the wood while sawing

Solomat	SIT-700E	SIT-700P	SIT-700PE
With mechanical log carriage and conveyor 2 m			
With mechanical log carriage and conveyor 5 m			
With mechanical log carriage and pivoting conveyor 5 m			
Power supply	Elec. 400V / 7,5kW	PTO tractor	PTO tractor + Elec. 400V
Ø Wood mini / maxi	50/220mm	50/220mm	50/220mm
Max. conveyor evacuation height (5m conveyor = 3m / 2m conveyor = 1.45m)			
TCT blade Ø 700/30 x 5,0/4,0 mm, 42 teeth	Standard	Standard	Standard
Weight with 5 m conveyor	545Kg	630Kg	680Kg
TCT blade Ø 700 mm x 5,0/4,0 mm (LAM00039)			
Tachometer and hour meter (COM000400)			
PTO shaft Type 3 (CAR00001)			
KIT for converting a mechanical log carriage into a hydraulic log carriage*			

* Specify model and serial number of the machine when ordering.



SEMI-AUTOMATIC SAWING with hydraulic log carriage

- Cutting capacity : until 7 steres/hr
- High quality carbide saw blade
- Suitable for tractors from 35 HP upwards
- Emergency-stop lever for PTO drive
- Saw blade easily accessible
- Independent hydraulic system
- Incredibly safe: no direct access to the saw blade

Conveyor available in 2 or 5 m

Adjustable conveyor speed

Log carriage
speed regulation
(10 - 35 cuts / min)

The log carriage
is activated by a lever

Hydraulic log carriage :

- Working ergonomics
- Longer durability of the saw blade
- Higher productivity

Wood disposal support

Loading assistance for fork lift





■ **Conveyor 5 m (option : pivoting)**

Hydraulically tensioned telescopic discharge conveyor belt with adjustable speed.

Width of the conveyor: 35cm



Valve and speed regulation for log carriage



Hydraulic log carriage system

Solomat	SIT-700E	SIT-700P	SIT-700PE
With hydraulic log carriage and conveyor 5 m			
With hydraulic log carriage and pivoting conveyor 5 m			
Power supply	Elec. 400V / 7,5kW	PTO tractor	PTO tractor + Elec. 400 V
Ø Wood mini / maxi	50/220mm	50/220mm	50/220mm
Max. conveyor evacuation height (5m conveyor = 3m / 2m conveyor = 1.45m)			
TCT blade Ø 700/30 x 5,0/4,0 mm, 42 teeth	Standard	Standard	Standard
Weight with 5 m conveyor	545Kg	630Kg	680Kg
KIT for converting a mechanical log carriage into a hydraulic log carriage*			
TCT blade Ø 700 mm x 5,0/4,0 mm (LAM00039)			
Tachometer and hour meter (COM000400)			
PTO shaft Type 3 (CAR00001)			

* Specify model and serial number of the machine when ordering.

Circular log carriage saw - WSA series

SAWING RANGE

According to EN-Norm 1870-6

■ WSA series 700 ED - 700 EC - 700 P - 700 PE - 700 Ess

- 3 wheels and carrying handle for easy handling
- TCT saw blade \varnothing 700 mm
- High quality painting
- Overload protection circuit breaker and safety limit switch on cover (for electric motor)
- Emergency stop lever at PTO and gasoline version
- Ergonomic easy tilting
- Protective cover according to EN 1870-6
- Adjustable cutting length indicator
- Wood holding arm during saw process
- Welded and reinforced frame
- Certified EN 1870-6



WSA 700 Ess

Circular log carriage saw	WSA-700 ED	WSA-700 EC	WSA-700 P	WSA-700 PE	WSA-700 Ess
Power supply	Elec. 400 V 15.5 kW / 16 A direct drive	Elec. 400 V 7.5 kW / 16 A belt drive	PTO tractor belt drive	Elec. 400 V 7.5 kW / 16 A + PTO tractor belt drive	Briggs & Statton Ess OHV 9 HP belt drive
TCT blade \varnothing 700/30 mm, 42 teeth	Standard	Standard	Standard	Standard	Standard
\varnothing max. round or splitted log (cm)	24	24	24	24	24
Electric motor speed (rpm)	1350	1350		1350	
Weight (kg)	142	162	175	220	188
TCT blade \varnothing 700/30 mm, 42 teeth (LAM00011)					
PTO shaft Typ 3 (CAR00001)					



Adjustable cutting length indicator



Folding handle and transport wheels



Carriage cover EN-Norm 1870-6



WSA 700 ED



WSA 700 PE



WSA 700 EC



WSA 700 P



Emergency stop lever at PTO



Log grip system locks the wood while sawing



Easy access to the saw blade

Circular log carriage saw - SWK 550 - 600 series

SAWING RANGE

According to EN-Norm 1870-6



■ SWK series

With saw blades of \varnothing 550 or 600 mm, SWK are working with robustness and comfort.

- Robust building : frame with welded tubes
- Easy to use with stable frame and large wheels
- Chrome or TCT blade included
- Powder coated
- Transport handle
- Serial cutting length indicator
- Serial grip handle
- Tilting extension as an option



SWK 550



TCT blade



Chrome blade

With chrome blade	X	SWK 600
With TCT blade	SWK550	SWK 600
Power supply - Direct transmission	230V / 3kW	400V / 4,2kW
Blade \varnothing and boring (mm)	\varnothing 550 / 30	\varnothing 600 / 30
Blade rotation (rpm)	2810	1450
Working height (cm)	70	70
\varnothing max. round or splitted log (cm)	20	22
Weight (kg)	88	88
TCT blade \varnothing 550 mm or \varnothing 600 mm (LAM00005/LAM00007)		
Chrome blade \varnothing 600 mm (LAM00006)		
Tilting extension for SWK 550/600 and WKS 650 (RAL00005)		
400 V female plug (PRI00002)		

According to EN-Norm 1870-6



■ WKS 650

With a blade of \varnothing 650 mm, WKS saw works with robustness and comfort.

- Robust building : frame with welded tubes
- Easy to use with stable frame and large wheels
- Chrome or TCT blade included
- Powder coated
- Transport handle
- Serial cutting length indicator
- Serial grip handle
- Tilting extension as an option



WKS 650



TCT blade



Chrome blade

With chrome blade	WKS 650
With TCT blade	
Power supply - Direct transmission	230V / 3,5kW
Blade \varnothing and boring (mm)	\varnothing 650 / 30
Blade rotation (rpm)	1450
Working height (cm)	70
\varnothing max. round or splitted log (cm)	24
Weight (kg)	120
TCT Blade \varnothing 650 mm (LAM00009)	
Chrome blade \varnothing 650 mm (LAM00008)	
Tilting extension for SWK 550/600 et WKS 650 (RAL00005)	
400 V female plug (PRI00002)	

Circular sliding table saw - KRTS series

SAWING RANGE

■ Circular sliding table saw - KRTS series

With saw blade of \varnothing 650 mm or \varnothing 700 mm, KRTS saws are ideal for simple and ergonomics working on table.

- Robust building : frame with welded tubes
- Undervoltage switch breaker and phase inverter
- Easy to use with stable frame and large wheels
- Mobile table mounted on bearings
- Chrome steel blade included
- Powder coated



KRTS 650



Log grip



TCT blade



Chrome blade

	With chrome blade	KRTS 650	KRTS 700
	With TCT blade		
Power supply		230 V / 3,5 kW	400 V / 5,5 kW
Direct transmission			
Blade (mm)		\varnothing 650	\varnothing 700
Blade rotation (rpm)		1550	1450
Working height (cm)		84 cm	84 cm
\varnothing max. round or splitted log (cm)		20,5 cm	20,5 cm
Weight (kg)		140	140
TCT blade \varnothing 650 mm (LAM00009)			
TCT blade \varnothing 700 m (LAM00011)			
Chrome blade \varnothing 650 mm (LAM00008)			
Chrome blade \varnothing 700 mm (LAM00010)			
400 V female plug (PRI00002)			

■ Band-saw - RB series

3 wheel sizes for this band-saw, working with precision and robustness.

- Cutting precision with double blade brass guiding system (*up and down*)
- Cast iron wheel for better cutting line
- Cork seal on wheel for a better guidance
- All PTO driven models are equipped with a safety lever to release
- Blade included
- Belt driven
- Blade tension indicator



RB 620 PET

Band-saw	RB 520M	RB 520T	RB 620M	RB 620T	RB 620P	RB620PEM	RB620PET	RB 720T	RB 720P	RB 720PET
Power supply	230 V 2,2 kW	400 V 2,2 kW	230 V 2,2 kW	400 V 2,2 kW	PTO tractor	PTO + Elec. 230V - 2.2kW	PTO + Elec. 400 V / 2.2kW	400 V 3 kW	PTO tractor	PTO + Elec. 400 V / 3 kW
Ø Flywheel (mm)	520	520	620	620	620	620	620	720	720	720
Height/width of cut (cm)	39/50	39/50	43/61	43/61	42/61	42/61	42/61	49/70	49/70	49/70
Dimension of table (cm)	78/68	78/68	97/80	97/80	97/80	97/80	97/80	97/80	97/80	97/80
Dimension (HxLxW cm)	202x100x68	202x100x68	217x120x83	217x120x83	217x130x80	217x130x80	217x130x80	237x125x85	236x135x80	236x135x80
Weight (kg)	200	200	260	260	269	285	285	320	318	334
Guidance trolley (SCI000510)										
Blade for band-saw 520 (30x0.6 lg 4300) (LAM00029)										
Blade for band-saw 620 (30x0.6 lg 4740) (LAM00030)										
Blade for band-saw 720 (30x0.6 lg 5200) (LAM00031)										
PTO shaft type 3 (CAR00001)										

5 m independant conveyor - TMB



■ 5 m independant conveyor - TMB

Independant conveyor, ideal to transport wood or other materials.

- Horizontal folding of the conveyor for a safe transport *
- Draw bar for the trailer coupling
- Telescopic conveyor with safety grid and individual sections
(changeable separately in case of defect)



Draw bar for trailer coupling



Conveyor	Elec. 1-phased or 3-phased	Hydraulic tractor	Petrol engine
Width (cm) / length (m)	35 / 5	35 / 5	35 / 5
Conveyor speed (m/s)	0,6	Depending from tractor output	0,4 - 0,9
Engine power	0,75 kW	X	4 CV
Height of loading / unloading (cm)	60 / Min: 170 - Max: 300	60 / Min: 170 - Max: 300	60 / Min: 170 - Max: 300
Dimension of the funnel (cm)	70 x 40	70 x 40	70 x 40
Dimension of transport	100 x 260 x 120		
Weight (kg)	290	290	325
Hydraulic flow control for Hy-version (REG000100)			

* Non-road use

More about firewood

The different woods and their burning characteristics

PINE AND SPRUCE

They are easy to light and wood chips are therefore ideal for lighting a fire. The soft wood tends to make sparks. The molten resin blocks the wood's grain, moisture in the log turns to steam and under pressure bursts the log.

BEECH

Develops a lot of embers and therefore, equal and sustainable heat. Beech flames are beautiful, burning essentially without sparks. Suitable for all types of log burners, particularly those with a window.

OAK

Has high calorific value and burns for a long time. Ideal for log burners used as a heating medium (e.g. Tiled stove).

ASH OR MAPLE

Hardwoods that have a comparable combustion process to Beech.

BIRCH

The ideal wood for fireplaces. Does not spark and produces blue flames and scented fragrances. Its white bark makes for pleasant decoration.

POPLAR AND WILLOW

This wood burns very quickly and is therefore not very suitable for firewood. Can optionally be used as a 'summer wood' for a fireplace when it is not desired for energy performance.

UNITS SALES

Firewood is usually offers :

IN METRE CUBE :

1 x 1 x 1 m of pure wood without cavity

IN STERE :

1 x 1 x 1 m of stacked wood with cavities

STERE BULK :

1 x 1 x 1 m bulk timber with cavities

WEIGHT :

in kilograms (kg) with the following data; Wood type and moisture content.

To avoid misunderstandings, it is recommended to seek accurate information on the timber when buying, because depending on the type, even the energy content is varied.

Reference value for the cubic meter and stere

The dimensions of the wood in a cubic meter of firewood depend on the shape and wood lopping, diameter and length of the log and also the care when cutting.

Since wood fuel is not a homogeneous raw material, the following table consists only of average conversions for different assortments.

Round wood in m ³	Storage in stere		Slice 33 cm piled up m ³ in m ³	Quarters of 33 cm jumbled m ³
	not split	split		
1	1,4	1,6	1,4	Spruce : 2,2 Beech : 2
0,7	1	1,2	1	Spruce : 1,6 Beech : 1,4
0,4	0,6	0,7	0,6	1

HANDLING RANGE



■ Hydraulic skidding grapple

The skidding grapple is made for lifting and moving timber quickly and easily.

With the toothed bar on the 3-point hitch, the clamp can move and maintain properly entire timbers, or even much shorter.

The big advantage is that it requires only a low tractor power and does not need to get off the tractor to handle.

RZ 110 model

- Recommended for tractor until 30 HP
- Double acting cylinder
- Rotating angle of 80° (left and right)
- Good tensioning capacity
- Easy adaptation on the tractor 3 point hitch
- Cat. I
- **Tractor with double effect valve required**



RZ 110

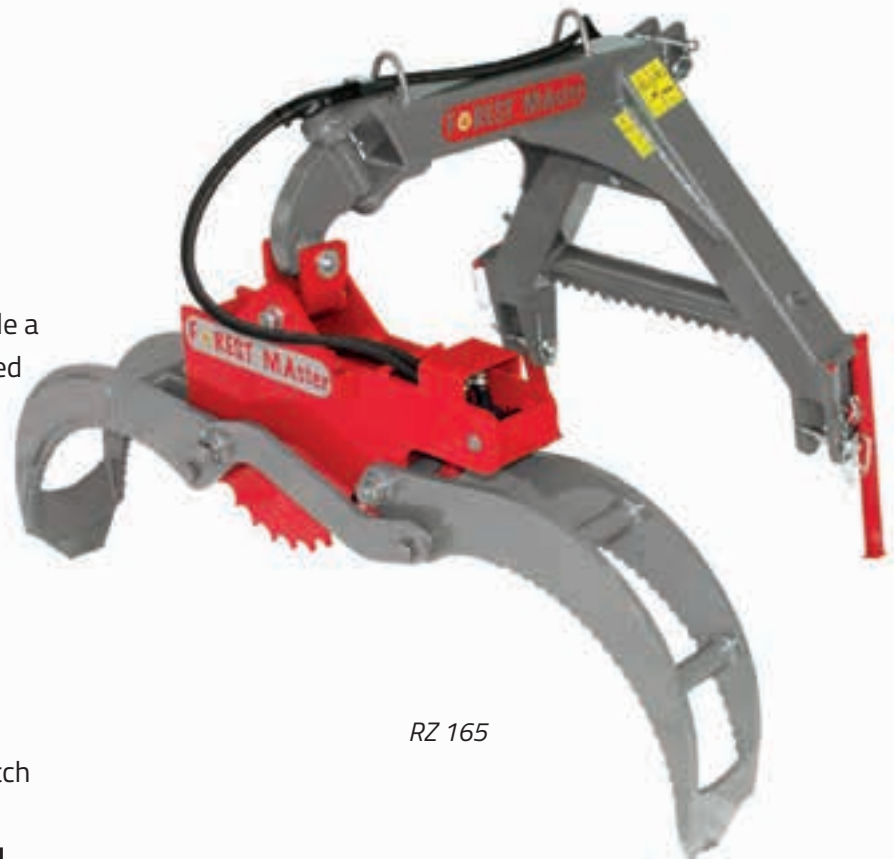
RZ 165 model

The skidding grapple is made for lifting and moving one heavy timber, or several at the same time.

The clamping capacity is expected to provide a safe work especially when you move stacked wood or branches.

The notched arms have specific shape to prevent the wood from slipping.

- Recommended for tractor from 60 to 120 HP
- Double acting cylinder
- Rotating angle of 82° (left and right)
- Good tensioning capacity
- Easy adaptation on the tractor 3-point hitch
- Cat. II
- **Tractor with double effect valve required**



RZ 165

■ **RZ165-R model**

The skidding grapple rotator allows to manipulate logs with precision, even in a slope.

- Recommended for tractor from 60 to 120 HP
- Double acting cylinder
- Continuous rotation
- Good tensioning capacity
- Easy adaptation on the tractor 3 point hitch
- Cat. II
- **Tractor with double effect valve required**



Adaptor for front loader (euro)



RZ 165-R

Grapple	RZ 110	RZ 165	Grapple RZ 165-R 6 tons / with rotator 6 tons (Winch not included)
Tightening power (to)	6		9
Max. opening (cm)	110		170
Min. opening (cm)	6		11
Closed length (cm)	100		122
Ø max. of timber (cm)	45		70
Ø min. of timber (cm)	7		12
Max. pressure (bar)	180		180
Weight (kg)	140		295
Adaptor for euro front loader - (For the length of hydraulic hoses - contact us)			

■ RZ165-F Model

This new skidding grapple with radio remote control winch makes you reach even more easily timbers to move them.

Work quicker and safely.

- Recommended for tractor from 60 to 120 HP
- Double acting cylinder
- Rotating angle of 82 ° (left and right)
- Good tensioning capacity
- Easy adaptation on the tractor 3 point hitch
- Cat. II
- **Tractor with double effect valve required**

■ Winch radio remote controlled FW 1400-R

- Cable 35m / 6mm
- Works with radio remote control
- Hydraulic supply
- Traction power: 1400 kg
- **Tractor with single effect valve required**



RZ 165-F



Serial storage bar on all model RZ 165



Winch on RZ 165-F

Skidding RZ 165-F (With radio remote control winch FW 1400-R)

Tightening power (to)	9
Max. opening (cm)	170
Min. opening (cm)	11
Closed length (cm)	122
Ø max. of timber	70
Ø min. of timber	12
Max. pressure (bar)	180
Cable	6 mm / 35 m
Traction power (kg)	1400
Pull speed (m/s)	0,38
Weight (kg)	330

Winch radio remote controlled FW1400- R for adaptation on RZ 165 (No compatible avec RZ 165-R 6)

Adaptator for „euro“ front loader
(For the length of hydraulic hoses - contact us)

Radio remote control B&B

- New shape can be worn closer to the body so as not to restrict movement
- Large distance capacity
- Large display and easy to use, even with thick gloves
- An anti involuntary action protection (*ex bough*) to ensure maximum safety
- Multiple operating positions from the hip, abdomen or chest

F10 model

4 functions (6 functions with MAS option) for electro-hydraulic winch with single drum (F10 ET model).

6 functions (8 functions with MAS option) for electro-hydraulic winch with double drum (F10 DT model).

Switch control by levers.

1. Tighten the cable (x2 with double drum)
2. Release the cable (x2 with double drum)
- 3/4. Gas + / -
- 5/6. Switching on / off the tractor (MAS option)

Included charger, receiver, transmitter, accu and belt

Not included accelerator cylinder for Gas +/-

F6 model

4 functions for electro-hydraulic winch with single drum.

Switch control by button.

1. Tighten the cable
2. Release the cable
- 3/4. Gas + / -

Included receiver, transmitter, accu and belt

Not included accelerator cylinder for Gas +/- and charger



Radio remote control for winch with single drum

Radio remote control 4 functions F10 ET, for single winch with gaz+ /gaz-*

Radio remote control 6 functions F10 ET/MAS, for single winch with gaz+/gaz- * and function on/off the tractor

Radio remote control 4 functions F6 ET, for single winch with gaz+/gaz-*

Radio remote control for winch with double drum

Radio remote control 6 fonctions F10 DT, for double winch with gaz +/gaz-*

Radio remote control 8 functions F10 DT/MAS, for double winch with gaz+/gaz- * and function on/off the tractor

* Without accelerator cylinder

Please tell us which winch brand and model you have when you order.



Accessories

Support for transmittor F10 / F6 (SUPP F6/F10)

Charger 230 V A-LG 230 V (CHA00024A)
4 rechargeable accu Sanyo AA / electric 230 V

Charger on cigarette lighter A-LG 12V ZA
(CHA00036) 2 rechargeable accu AA (not included)

Replacement battery Sanyo eneloop AA (BAT00004)
4 batteries Sanyo eneloop AA 1,2 V in a plastic box

* Accelerator cylinder p. 67



■ Radio remote control ELCA - 4 functions

Radio remote control 4 functions for electro-hydraulic winch for single drum.

1. Tighten the cable
2. Release the cable
- 3/4. Gas + / -

Included charger, receiver, transmitter and belt

Replaceable battery



Radio remote control for single winch

Radio remote control 4 functions ELCA, for single winch

■ Accelerator cylinder WARNER

Control motor for continuous control of gas for tractors and farming machines to mechanical throttle. 12 V.

- Compact sealed aluminium housing
- Stroke 50 mm
- Power : 440 N
- Max static power : 1350 N
- Speed 11 mm/s
- Operating temperature -25 ° C + 65 ° C
- Protection against overload
- IP65 protection
- Dimensions (WxHxD) : 174x74x38 mm
- Current consumption max 3 A at 12 V



Example :



Accelerator cylinder (Warner) 12 V (VER00024)

Tractors Fendt / Valtra

■ **Tractor inclination control device**

This patented device surveys the inclination of tractor and stops tightening of winch as soon as a risk of reverse appears.

Only available on electro-hydraulic winch with radio remote control.

> 3 inclination tolerances available, to select :

- Safety : 13° / 22° (left/right - front/back)
- Standard : 15° / 25° (left/right - front/back)
- Large : 17° / 28° (left/right - front/back)

- > Calibration of the zero point
- > Led display of functions « on » and « out of tolerance »
- > Test mode for functional check
- > Possible to by pass the control device



NÜ 2515 GU



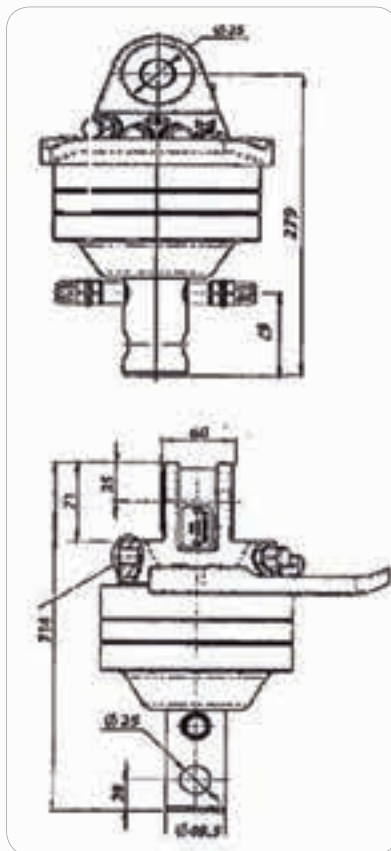
NÜ 2515 GU N

NU 2515 GU to be connected with radio F10
 NU 2515 GU N (Adaptable on TAJFUN winch
 plug connection)





■ Rotator FHR 3000 L with shaft

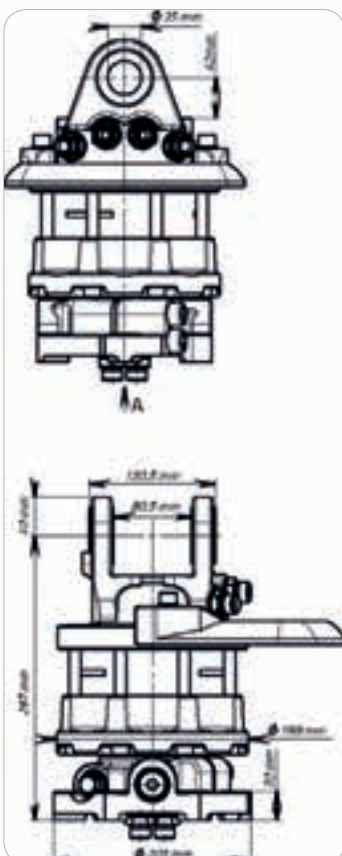


FHR 3000 L
Rotator with shaft



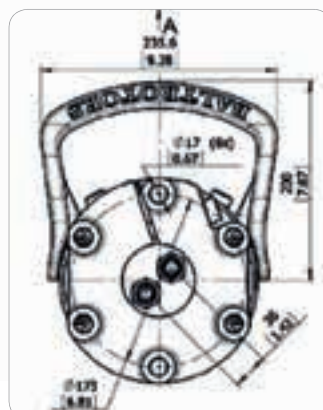
GR603
Rotator with flange

■ Rotator GR 603 with flange



Rotator	GR 30 Q	FHR 3000 L	GR 603
Max axial load static (to)	3	3	6
Ø shaft or flange (mm)	49,5	49,5	173
Ø hole of shaft or flange (mm)	25	25	6x17
Max working pressure (bar):			
- Rotator	250	250	250
- Open	200	200	200
- Closed	300	300	300
Weight (kg)	18	18	43

* GR 30 Q : Compatible with brake of pendulum





KG210

KG/GR21B : Grapple for bough

Grapple (Without rotator)	KG180	KG210	KG225 PRO	KG300 PRO	KG335 PRO	KG/GR21B
Rotator recommended (not included) (to)	3	3	6	6	6	3
Max. opening (cm)	110	130	140	155	160	130
Max. capacity (m ²)	0,18	0,21	0,25	0,30	0,35	0,21
Max. loading (to)	1	1	2,5	3	3,5	1
Steel	Hardox	Hardox	Hardox reinforced	Hardox reinforced	Hardox reinforced	Hardox
Power at arm's end (kg)	700	700	700	700	700	700
Pressure recommended (bar)	150-215	150-215	150-215	150-215	150-215	150-215
Adaptation	Shaft Ø 50 mm	Shaft Ø 50 mm	Flange 6 holes Ø 173 mm	Flange 6 holes Ø 173 mm	Flange 6 holes Ø 173 mm	Shaft Ø 50
Weight (kg)	79	83	141	191	248	115

When ordering a grapple with rotator, add following hoses kit :

FLX00948 for KG180 / KG210

FLX01002 + VIS10009 for KG 225

FLX01016 + VIS10010 for KG300 / KG335

■ Arm grapple

Robust arm grapples for intensive handling. They can be fitted to front loader with standard EURO hitch and need hydraulic supply from tractor (*double effect required*). Grapples are made of hardox steel for maximum tensile strength and an extended lifetime. This steel also helps to lighten the grapple.

- Continuous rotation
- Rotator 3 t / 6 fins
- Great precision of movement
- Significant grip strength in order to grab and maintain logs of all sizes
- Grapple lightness increases its payload
- All axes are oversized to absorb all charges
- Optionally, it is possible to adapt the arm on the 3-point hitch for tractor / JCB / Manitou



Arm grapple with rotator and serial euro front loader	KG180 R	KG210 R
Loading capacity (to)	1	1
Useful capacity (m ²)	0,18	0,21
Max. opening (cm)	110	130
Steel	Hardox	Hardox
Power at arm's end (kg)	700	700
Pressure recommended (bar)	150-215	150-215
Weight (kg)	250	280
3 point hitch adapter		
Manitou adapter		
JCB adapter		



Evolute bundler

HANDLING RANGE

■ Bundler for 1 stere

Pack your wood in a cubic meter bundle (at 1m) or a half cubic meter bundle (50 cm). Easy to use and comfort with practice swing, time saving. Robust construction ensures a long service life. Pivoting mechanism ensures ergonomic work.

High points :

- Suitable for wood lengths of 33, 50 and 100 cm
- Easy to pivot (*hydraulic/mechanical*)
- With string or polyester strips
- Basket diameter : 120 cm
- On 3-point hitch or hitch
+ euro linkage for front loader
- Ergonomic work height
- Robust and durable



*Bundler with polyester strips
mechanical pivoting on 3-points hitch
+ euro linkage for front loader*



Evolution bundler

HANDLING RANGE



Mechanical pivoting



Hydraulic pivoting
(left or right)



Hydraulic tension system
(left or right)



Accessories kit for
polyester strips bundler

Polyester bundler with mechanical pivoting

Polyester bundler with 3-point hitch (without FAG00140)

Polyester bundler with 3-point hitch + euro front loader (without FAG00140)

String bundler with mechanical pivoting (2 spool supports included)

String bundler with mechanical tension and 3-point hitch

String bundler with mechanical tension and 3-point hitch + euro front loader

String bundler with hydraulic tension and 3-point hitch

String bundler with hydraulic tension and 3-point hitch + euro front loader

Option

Option manual pivoting for all models

Option hydraulic pivoting for all models

Option euro front loader

Option hydraulic string tension (2 spool supports included)

Option mechanical string tension (2 spool supports included)

Option mechanical pre-tension, string or polyester

Option hydraulic pre-tension, string or polyester

Wide-angle PTO shaft (CAR00025)

Accessories kit for polyester strips bundler (FAG00140)
(500 m of polyester stripes 19 mm, reel, 1000 staples and clamp)

Reel with brake for polyester strips (FAG00141)

Clamps for polyester strips (FAG00142)

Polyester stripes 500 m / 19 mm (750 daN) (FAG00143 / 143A)
(When ordering, specify mandrel Ø75 or Ø200)

Staples, 1.000 pieces / 19 mm (FAG00144)

String spool (250 m, 8 threads, 1040 daN) (FAG0130)

String spool (190 m, 10 threads, 1250 daN) (FAG0131)

Bundler for 1/2 stere

HANDLING RANGE



■ Bundler for 1/2 stere

Tie and strap your wood like a professional

- Suitable for 100 cm wood lengths
- Mechanical tilting backwards
- Basket diameter: 80 cm
- Three-point hitch Cat. I and II
- Ergonomic working height
- Robust and durable conception
- Maxi Ø of string spool : 26 cm



Bundler for 1/2 stere, mechanical tilting on three-point hitch Cat. I and II

Cat	I et II
Weight (kg)	110

■ Supporting frame for woodsplitter 12-27 tons + bundler* - SIFF

- Width of the frame : 220 cm
- Width with bundling unit and splitter : 270 cm
- Width with lighting : 300 cm
- Weight : 122 kg (*without splitter and bundler*)



SIFF - Support frame with lighting

Supporting frame for woodsplitter 12/27 tons and bundler

Additional hydraulic hoses to be used for adaptation on SIFF

- Hydraulic tilting (FLX01173)
- Hydraulic pre-tension (FLX01174)
- Hydraulic tension (FLX01174)

**Not compatible with half stere bundler*

Timber claw

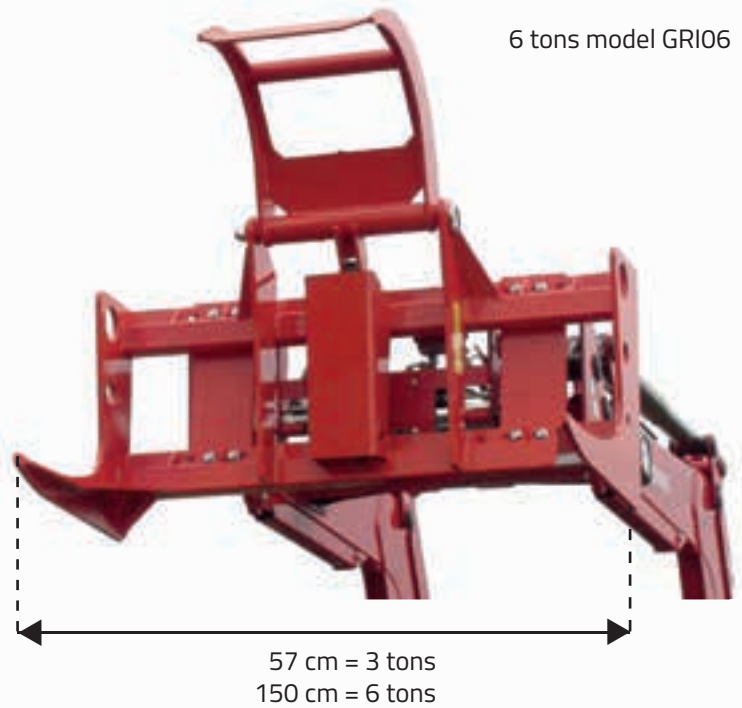
■ Timber claw

The timber claw is a powerful and robust tool. It has a massive but flexible structure to avoid twisting in case of heavy loads.

It is designed to lift, move and load timbers or poles, heavy-pipes and round bales.

- Load capacity of 3 to 6 tons depending on model
- Large opening angle
- Protected cylinder, hydraulics and hoses
- The top claw completely closed on the one below to handle even the thinnest material.
- Compatible : small tractor with front loader
- Hoses included
- Optionally, it is possible to adapt the timber claw on the 3-point hitch for tractor / JCB / Manitou
- **Tractor with double effect valve required**

6 tons model GRI06



Timber claw with euro linkage	GRI03	GRI06
Max. loading (to)	3	6
Cylinder	Hydraulic	Hydraulic
Euro support	Standard	Standard
Max. opening (cm)	150	150
Fork width (cm)	57	150
Weight (kg)	185	250
3-point adapter		
Manitou adapter		
JCB adapter		



■ Timber blade

The blade is a particularly robust and strong tool. The hydraulic cylinder and the clamp have been designed for high loads. Its particular shape allows stability of any timber.

- Suitable for all front loaders with euro linkage
- Hoses included
- **Tractor with double effect valve required**



Timber blade PZ 1400 E with euro linkage and hydraulic arm	
Timber blade PZ 1400 D with 3-point linkage cat. II and hydraulic arm	
Max. loading (to)	2,4
Max. opening (cm)	90
Width (cm)	140
Max. pressure (bar)	180
Weight (kg)	210

FARMING RANGE



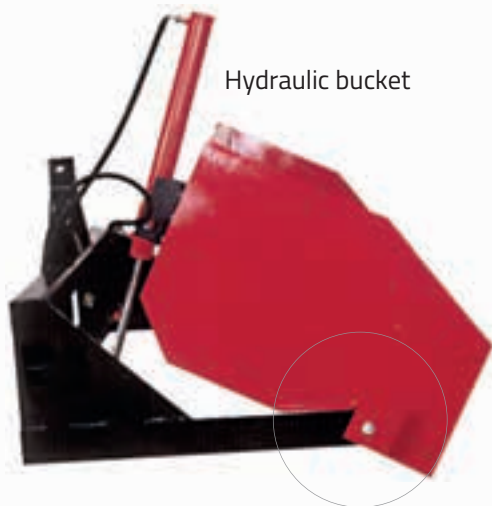
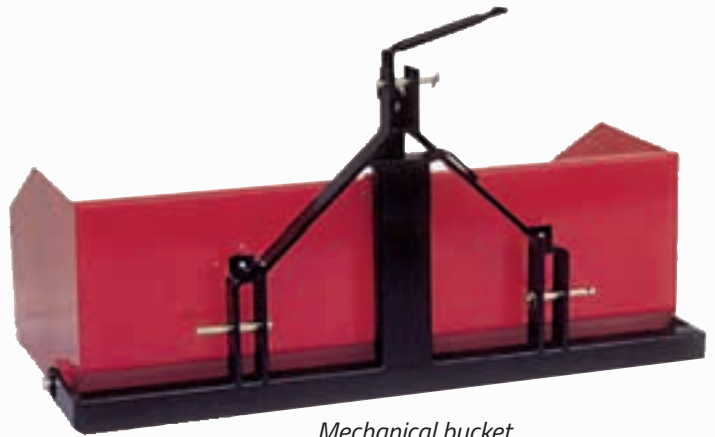
Universal bucket

FARMING RANGE

■ Tilting universal bucket

Universal bucket on 3-point hitch tractor, with a tilting system for easy use. Wide opening angle in tilted position.

- Mechanical or hydraulic tilting
- High quality dumpster in 5mm thick sheet
- Optional side rail
- Cat. I and II
- Maximal loading : 900 kg
- **Tractor with double effect valve required for hydraulic model**



Specific articulation point of tilting system, making linkage more resistant

**STEEL
THICKNESS
5 mm**



Mechanical bucket	B100	B125	B150	B175	B200	B225
Hydraulic bucket						
Width (cm)	100	125	150	175	200	225
Dimension (LxWxH)(cm)	100x90x60	125x90x60	150x90x60	175x90x60	200x90x60	225x90x60
Max. capacity (m ³)	0,5	0,6	0,7	0,9	1	1,1
Max. loading (kg)	400	496	603	704	800	904
Weight (kg)	165	180	200	225	240	255
Option side rail	RID100000	RID125000	RID150000	RID175000	RID200000	RID225000
Hardox blade (price per meter)						

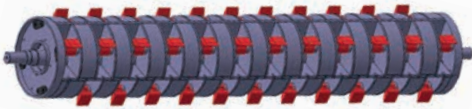
■ **TF/TN Series**

This machine can mulch bough and timbers up to 30 cm with many chopperblades !
It can be hitched on a tractor.

- Robust steel design
- Rotor hood hydraulic opening
- Adaptable on 3-point linkage
- Driving : 2 lateral shafts
- Gearbox with freewheel
- Double bottom 2x8 mm (*very robust*)
- Return with freewheel
- Rotor with mobile hammers
- PTO shaft included

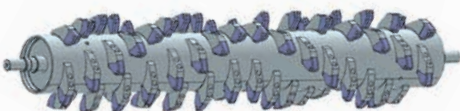
Standard :

Rotor with mobile hammers



On demand :

Rotor with fixed widia blade



Forest mulcher TF/DT 2500 with guard frame



Forest mulcher with hammers	TF/DT 2100	TF/DT 2500
Forest mulcher with widia blade	TN/DT 2100	TN/DT 2500
Working width (cm)	210	250
Total width (cm)	250	292
Weight (kg)	2350	2520
Number of hammer (TF/DT)	37	45
Min. tractor power	130 CV / 97 kW	130 CV / 97 kW
Max. tractor power	200 CV / 150kW	200 CV / 150kW
Dimension (LxWxH) cm	250x145x120	292x145x120
Guard frame (<i>mechanical adjustment</i>)		
TF - spare hammers		
TN - spare widia blade		



■ TM/TL Series

This machine can mulch bough and timbers up to 20 cm with with many chopperblades !
It can be hitched on a tractor.

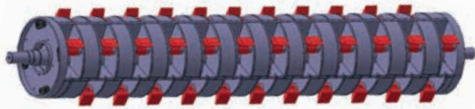
- Robust steel design
- Rotor hood hydraulic opening
- Adaptable on 3-point linkage
- Driving : 1 lateral shaft
- Double bottom 2x6 mm (*very robust*)
- Bearings autocentered and watertight
- Return with freewheel
- Rotor with mobile tools (TM) or fixed widia blade (TL)
- PTO shaft included



Forest mulcher without guard frame

TM model :

Rotor with mobile hammers



TL model :

Rotor with fixed widia blade



Forest mulcher with hammers	TM 1400	TM 1600	TM 1800	TM 2000
Forest mulcher with widia blade	TL 1400	TL 1600	TL 1800	TL 2000
Working width (cm)	140	160	180	200
Total width (cm)	170	192	212	234
Weight (kg)	1060	1110	1160	1210
Number of hammer (TM)	24	28	32	36
Min. tractor power	80 CV / 60 kW	80 CV / 60 kW	80 CV / 60 kW	80 CV / 60 kW
Max. tractor power	100 CV / 74kW	100 CV / 74kW	130 CV / 97 kW	130 CV / 97 kW
Dimension (LxWxH) cm	170x112x112	192x112x112	212x112x112	234x112x112
Guard frame (<i>mechanical ajustement</i>)				
TM - spare hammers				
TL - spare widia blade				



■ **Stone / wood fork**

Stone forks are available in 3 widths (1.5 m / 2 m / 2.35 m), all made of quality steel for maximum resistance and durability.

High capacity in terms of stone volume to reduce the number of loading/unloading operations. The down part is cambered to avoid involuntary unloading. Specially made for carrying stones, this fork can also carry wood. Euro linkage included.

Stone / wood fork	1,5 M - FOU000150	2 M - FOU000200	2,35 M - FOU000230
Width (cm)	150	200	235
Max.capacity(m ³)	0,9	1,2	1,49
Standard	Euro linkage	Euro linkage	Euro linkage
Weight (kg)	215	265	405
3-points tractor adapter			
Manitou adapter			
JCB adapter			



ACCESSORIES





OCHSENKOPF sappie

- Ergonomic use
- High durability



Sappie OX 173 E-0500 Length : 380 mm, weight : 0,7 kg	SAP000001
Sappie OX 173 H-0580 Length: 800 mm, weight : 1,1 kg	SAP000002
Slaughter OX 58-0800 Length : 800 mm, weight : 2,8 kg	LEV000001
Slaughter OX 58-1200 Length : 1.300 mm, weight : 3,6 kg	LEV000002

OCHSENKOPF Slaughter lever

- Powerful, effective and ergonomic
- Forged steel
- Comfortable and non-skid cork handle
- Adjustable hook



Safety rules :

- One user at a time
- Maximum load 150 kg at the handle
- In case of damage, the product must be replaced

Chainsaw support

- Reversible for right or left-handed
- Adaptable to all chainsaw models
- With wood blocking by lug and claw handle



Chainsaw support
compatible with all models (CHE000100)

Jack for front wheels mover

- Maximum diameter 400mm
- Adjustable width
- Lifting capacity : 250 kg maximum



Jack for front wheels mover
Length : 380 mm,
Weight : 0,775kg (CRI000100)

Log trolley

Steel trolley, ideal for storing and transporting wood logs up to a length of 50 cm.

- Elegant wood handle makes moving easy
- Volume : L 42 x W 49 x H 80 cm
- Weight : 32 kg (*without wood*)
- Solid tyres



Logo

Individual laser cutting is possible from a minimum order quantity of 10 pieces (*no extra costs*)

 < Location

Log trolley

Without Logo (CHA000100)

Logo **AMR** (CHA000100A)

Return pulley and polyester strap

■ Opening return pulley

- The valve mechanism allows an easy cable insertion
- Rotating high-resistance hook
- With latch hook
- Only for steel cable



Return pulley with valve	80 kN POU00015	140 kN POU00016
Ø pulley (mm)	140	140
Ø cable (mm)	12	14
Weight (kg)	6,5	8,5

■ Aluminium return pulley

- Suitable for steel cables and polyester straps
- Rotating lock
- With ball bearing
- Lightness from aluminium
- Rotating flange

Aluminium return pulley	110 kN POU00055	150 kN POU00056	170 kN POU00057
Ø and width of pulley (mm)	158-35	198-42	198-42
Ø cable (mm)	14	16	16
Weight (kg)	2,4	3,9	5,1



■ Polyester strap

- Reinforced curls ends according to EN 1492-1
- Low friction
- No swelling in high humidity
- Polyester doubled for maximum strength

Polyester strip with 2 curve ends			
	Color code	Width	Length
SAN00010	Green	60 mm	3 m
SAN00011	Yellow	90 mm	3 m
SAN00012	Grey	120 mm	3 m

indications of resistance by the number of stripes and by the colour



Break point coef.7	Colour code	100%	80%	200%
14 000 kg	Green	2000 kg	1600 kg	4000 kg
21 000 kg	Yellow	3000 kg	2400 kg	6000 kg
28 000 kg	Grey	4000 kg	3200 kg	8000 kg

Curve ends

Indication of resistance by the colour

Indication of resistance by the number of stripes

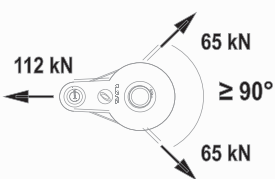
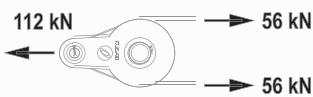
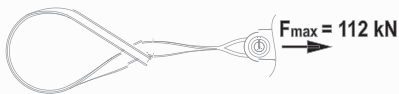


■ Mobile pulley TAJFUN PS 130

- Large loading capacity
- Low weight and small size compared to other pulleys on market
- « SMART » locking allows quick and easy opening of lateral face of pulley
- High quality materials
- 3 meters long lanyard

Stowage lanyard

Specifically adapted to work comfortably with TAJFUN PS 130 mobile pulley and forest winches.



Mobile pulley, 2.55 kg with 3 m stowage lanyard (POU00054)

Max. loading capacity : (kN) 130

Break point (kN) 260



Hook

Chain rope connector Red cat.8



Ref	w mm	For chain	angle	Weight kg	Traction daN
CRO00021	20	8 mm	45°	0,65	4500
CRO00022	20	10 mm	45°	0,90	6500

Blue cat.10



Ref	Dimensions mm		For chain	Weight kg	Traction daN
	w	l			
CRO00023	20	145	8 mm	0,61	6000
CRO00024	36	207,5	10 mm	1,38	8500

Rotating chain rope connector Red cat.8 / Blue cat.10



Ref	w mm	For chain	angle	Weight kg	Traction daN
CRO00020	20	8 mm	45°	0,68	4500
CRO00019	20	8 mm	45°	0,68	6500

Sliding hook Cat. 8



Ref	Cable Ømax	Dimensions d	g	g1 min	Weight kg	Traction daN
CRO00003	20	16 mm	25	17	0,69	3000
CRO00006	20	22 mm	26	17	0,97	5000

Hitting hook



Ref	Weight kg	Traction daN
CRO000100	0,65	4000

Blocking sleeve

- For winch cable Ø 10 to 14 mm



Blocking sleeve + corners Ø10/14 mm (DOU00003)

Choker

- For winch cable



Choker for winch cable Ø10/14 mm (CHO00007)



Cable HTP / Chain / Hook

High quality steel cable HTP

- High strength
- Available diameters : 9, 10, 11, 12, 13, 14, 16 and 18 mm
- Standard assembly : 1x loop + Sliding hook



Steel cable HTP (mm)	Ø 9	Ø10	Ø11	Ø 12	Ø 13	Ø 14	Ø 16	Ø 18
Break point (kN)	92,05	111,47	133,28	152,79	180	210	239	297
Ref	CAB09R	CAB10R	CAB11R	CAB12R	CAB13R	CAB14R	CAB16R	CAB18R
Weight per meter (kg)	0,453	0,543	0,655	0,764	0,881	1,01	1,29	1,59
1x loop + Sliding hook								

Red skidding chain cat. 8

- Chain with hook and needle



Round skidding chain / red cat. 8 + hook + needle (galvanised)

Ø8 mm, Lg 2,5 m (Traction : 40 kN / Break: 80 kN) (CHA00017)

Ø10 mm, Lg 2,5 m (Traction 63 kN / Break : 126 kN) (CHA00018)

Square skidding chain / red cat. 8 + hook + needle (painted)

Ø8 mm, Lg 2,5 m (Traction : 45 kN / Break: 90 kN) (CHA00019)

Ø10 mm, Lg 2,5 m (Traction : 63 kN / Break : 126 kN) (CHA00020)

Blue skidding chain cat. 10

- Chain with hook and needle



Round skidding chain / blue cat. 10 + hook + needle (galvanised)

Ø8 mm, Lg 2,5 m (Traction : 50 kN / Break : 100 kN) (CHA00047)

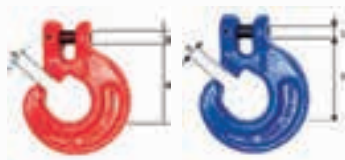
Ø10 mm, Lg 2,5 m (Traction : 80 kN / Break : 160 kN) (CHA00048)

Round skidding chain / blue cat. 10 + hook + needle (painted)

Ø8 mm, Lg 2,5 m (Traction: 60 kN / Break : 120 kN) (CHA00037)

Ø10 mm, Lg 2,5 m (Traction : 85 kN / Break : 170 kN) (CHA00050)

Hook for skidding chain



Ref	For chain	D	Dimensions (mm)	S	Weight kg	Traction daN
CRO00013	8 mm	10,0	59,0	10	0,38	6000
CRO00014	10 mm	12,5	80,8	12	0,76	8500
CRO00015	8 mm	10,0	59,0	10	0,38	6000
CRO00016	10 mm	12,5	80,8	12	0,76	8500

Parallel hook with eyelet



Ref	For chain	Dimensions (mm)						Weight kg	Traction daN
		A	D	O	R	G	H		
CRO00017	8	10	10	16	60	30	24	0,23	4000
CRO00018	10	13	11	21	80	44	31	0,59	6300

Moss remover and wood storing

ACCESSORIES

Small moss remover

- Fixed on a small tractor back, to remove moss and roots from grass surface
- 2 rows of 10 shifted peaks for scarification on a 1m width
- Central part dimension : 1000 x 235 mm
- Ballasting weight : min. 30 kg recommended



Small moss remover

Small moss remover 1000 x 235 mm (EM0000100)

Large moss remover

- Fixed on a tractor back, to remove moss and roots from grass surface
- 4 rows of 20 shifted peaks for scarification on a 2 m width
- Central part dimension: 2000 x 590 mm
- Ballasting weight : min. 30 kg recommended



Large moss remover

Large moss remover 2000 x 590 mm (EM0000200)

Plastic frame for wood filling

- Exists in 40 and 60 L
- Maximum wood length 30 cm



Frame 40 L for wood	CAD000040
Frame 60 L for wood	CAD000060
Bag 40 l, 50 x 85 cm with locking	FIL000141
Bag 60 l, 60 x 85 cm with locking	FIL000160

Steel articulated frame for wood storage

- Accessory : net



Steel articulated frame for net of 1000 L (CAD0010000)

Net 1000 L capacity 194 x 140 cm, for euro pallet with UV protection (BIG001000)



Products warranty - AMR & partners

WARRANTY DURATION

- > Log splitter - AMR : 2 years
- > Kindling machine, Kindlet - FUELWOOD : 1 year
- > Grapple and other products - KTS : 1 year
- > Grapple and other products FOREST MASTER : 1 year
- > Quatromat, Triomat & Solomat - AMR : private : 2 years / professional : 1 year
- > Little circular saw : 2 years
- > Band saw : 1 year
- > Conveyor TMB - AMR : 2 years
- > Forest mulcher - Zanon : 1 year
- > Stones / wood fork - KTS : 1 year
- > Radio remote control : 2 years

The warranty is valid from the date of machine reception.

TERMS OF WARRANTY

- For the warranty to be valid, you have to provide the warranty sheet duly completed (point of sale stamp, date of purchase - salesperson's signature, serial number and year of manufacture) along with the invoice.
- The warranty only covers repairs involving replacing items which have proved to be defective after verification by AMR. The cost of spare parts is borne by AMR. Labour costs and travel expenses are borne by the dealer. Wearing parts (brass slide, cable, belt) are not covered by the warranty. The warranty does not take into account transport costs.
- For the safety of the user and the validity of the warranty, it is absolutely essential to use spare parts recommended by AMR (contact your dealer for more information).

The warranty is cancelled :

- If there have been attempts to carry out repairs not prescribed by the manufacturer,
- In the event of a defect resulting from poor maintenance or misuse by an unauthorised person.

LEGALS

Subject to correction of misprints and composition as well as changes in prices and product developments .
The product warranty is exclusive wear parts. References of use and recommended wood are indications and depend on the context and the materials used. Non-contractual photo.

Responsible for content : AMR SAS - 1 rue de l'Industrie 67390 ELSSENHEIM (FRANCE)

Tel: 03 88 58 69 69 - Fax: 03 88 58 69 70 - info@a-m-r.fr - www.a-m-r.fr









15°

1,25 m

AVR

2BT

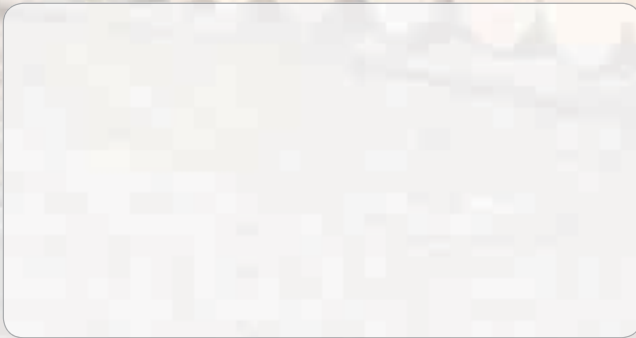


Exhibitions

FEBRUARY	24-28.02	SIMA PARIS- VILLEPINTE (FRANCE)
MARCH	15-17.03	LAS EXPO (POLAND)
MARCH	29-31.03	FORSTlive OFFENBURG (GERMANY)
MAY	08.05	OPEN DOORS AMR ELSENHEIM (FRANCE)
JULY	26-29.07	Foire de LIBRAMONT LIBRAMONT (BELGIUM)
AUGUST	15-18.08	Forestry fair of LUCERNE LUCERNE (SWITZERLAND)
AUGUST	22-27.08	ZEMĚ ŽIVITELKA ČESKÉ BUDĚJOVICE (CZECH REPUBLIC)
AUGUST	30.08-03.09	ROTTAL-SCHAU KARPFHAM (GERMANY)
SEPTEMBER	10-13.09	SPACE RENNES (FRANCE)
SEPTEMBER	10-13.09	DREMA POZNAN (POLAND)
SEPTEMBER	12-14.09	INNO LIGNUM (HUNGARY)
OCTOBER	02-04.10	SOMMET DE L'ELEVAGE COURNON (FRANCE)
OCTOBER	08- 10.10	AUSTROFOMA (AUSTRIA)

All exhibitions on www.a-m-r.fr

YOUR DEALER



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