

AMR

PUISSANCE & PERFORMANCES

MANUFACTURER OF **FORESTRY**
AND AGRICULTURAL EQUIPMENT SINCE 1984

Product catalog 2021-2022 



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 **Vogesenblitz** ("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 customer satisfaction.



1991



2020

A 50 PEOPLE TEAM AT YOUR SERVICE

For more than 37 years we have put all our energy into the development of innovative and high-performance machines.

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 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. Michel Bechtel takes over the management of the company in ELSENHEIM.



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**, and a **new powder coating equipment**.

Event of the year is the production of the **2000th QUATROMAT** on September 25th.

2019

Launch of the **SCIOMAT** and the **SOLOMAT AUTO**.

AMR continues to grow up by adding 90m² of office space.

2020

Commercialization of the fully automatic kindling machine - **SPLITOMAT**

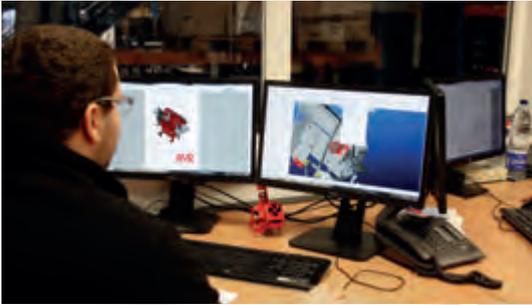
Production of the **3000th** circular drum saw

AMR products have been awarded many times for their innovative and safe design

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.

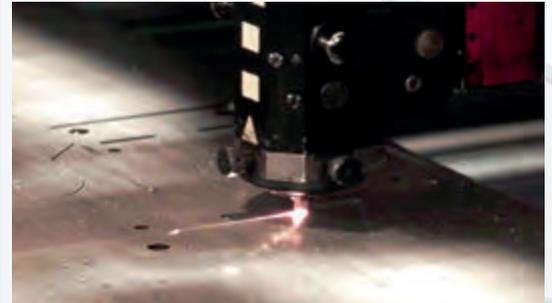
From design to assembly, here is the process :



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 25mm 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.

Find the video presentation of our process on : www.a-m-r.fr



MANUFACTURING - ASSEMBLING

The final step is here, assembling and final control !

SPONSORING

We support Loïc VOINSON.

High level competitor in sports logging.

His record of achievements in competitions **STIHL TIMBERSPORTS**

- 1st place at the French Rookie Championship*
- 3rd place at the European Rookie Championship*
- 5th place at the World Rookie Championship*



NEW

SPLITMAT - KINDLING MACHINE

ROAD HOMOLOGATED SPLITTER WITH ELECTRIC STARTER
VMR16ESS WITH 13HP & VMR17ESS WITH 13HP (HONDA MOTOR)



FORESTRY TOOLBOX

RADIO REMOTE CONTROL



SUMMARY

8 - 45	SPLITTING RANGE
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13 - 35	Long log splitter
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SPLITTING RANGE

- 9 - 12 Short log splitter
- 13 - 35 Long log splitter
- 36 - 41 Horizontal log splitter
- 42 - 45 Kindling machine

SPLITMAT



■ Hobby series

- 2-Hand control
- Wheels for transport
- Integrated phase inverter (400V)
- High return speed
- Split-wedge
- Adjustable cylinder stroke up to 50 cm
- Two log storage tables



Hobby 6 - 8 T



6 tons > 230 V
8 tons > 400 V

Log splitter	HOBBY 6 M	HOBBY 8 T
Splitting force (to)	6	8
Splitting length (cm)	52	52
Power supply	230 V / 3,5 kW	400 V / 3 kW
Slitting speed / return speed (cm/s)	3,8 - 18,5	4,5 - 16,6
Oil tank capacity (L)	4,5	4,5
Pump output (L/min)	6	6
Dimension (HxLxW cm)	109 x 71 x 54	109 x 71 x 54
Weight (kg)	112	112
400 V female plug (PRI00002)		

Vertical splitter 6/ 7 tons - FB506TF - FB507TF series

SPLITTING RANGE

■ FB5006TF - FB507TF series

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



FB507TF



FB506TF



Safety circuit breaker



2-hand control with wood holding claw

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	5	4.75	4.75
Return speed (cm/s)	16,7	16,7	12,5	12,5
Oil tank 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)	117	118	132	135
Split-wedge FB506/507 (ECL000301)				
400 V female plug (PRI00002)				

Vertical splitter 9 tons - FB509TF series

SPLITTING RANGE



■ FB509TF series

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



FB509TF
with fixed table and 2 removable baskets



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 tank 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)	180	190	193	210
Combined power. CONTACT US	Split wedge FB509 (ECL000401)			
	3-point linkage as option for other FB509TF (ATT00019)			
	400 V female plug (PRI00002)			

Horizontal splitter 9 tons - H09 series

SPLITTING RANGE

■ H09 series

The smallest horizontal splitter.

- Splitting force 9 T (*Two splitting speeds*)
- 2-hand control
- Cover protection according standard EN609-1:2017
- 2/4 splitting knife hydraulically adjustable
- Robust and durable design
- Wheels for transport
- Oil filter
- Integrated phase inverter (400 V)
- High return speed
- Engine with rotating direction detector
- Brass slide rails



HEL09



Safety cover



3-point linkage as standard on power take-off model

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	6,8	8,1
Splitting speed 2 (cm/s)	14,8	16,1	18,9
Return speed (cm/s)	11,2	10,8	13,5
Oil tank capacity (L)	20	20	20
Pump output (L/min)	18,6	20	14,7
Dimension (HxLxW cm)	135 x 212 x 78	135 x 212 x 78	135 x 212 x 104
Weight (kg)	300	315	305

Tractor hydraulic.
CONTACT US

3-point linkage as option for other H09 (ATT00010)

400 V female plug (PRI00002)

Vertical splitter 9/12 tons - HV series

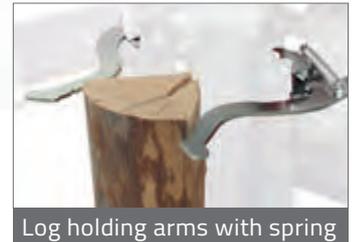
■ HV series

Available in 9/12 tons with two splitting speeds.

- 2-hand control
- Cylinder stroke 55 cm
- Wheels for transport
- Trail support included (*gasoline models only*)
- Integrated phase inverter (400 V)
- Robust and durable design
- Floor plate in full steel
- Brass slide rails



HVE12 MDP



Log holding arms with spring



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 tank 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)	208	210	223	230	213	215	228	235

Trail support (TIM000200) *Standard on gasoline models*

400 V female plug (PRI00002)

Vertical splitter 9/12 tons - V5509/V5512 series

SPLITTING RANGE

■ V5509/V5512 series

Ideal for garden tractor.

Available in 9/12 tons.

- 2-hand control
- Wheels for transport
- Cylinder stroke 55 cm
- Two splitting speeds
- Robust and durable design
- Floor plate in full steel
- Female gear box pump (PTO)
- Brass guiding system
- 3-point hitch, cat. I and II



VPF5509



Log holding arms with spring



VPF5512 on tractor



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 tank 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)	177	203	182	208
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-hand control
- 108 cm cutting length
- Retractable cylinder for storage
- Inflatable wheels for easy moving
- Two splitting speeds
- Brass guiding system
- High return speed
- Wood holding arm
- Floor plate in full steel
- Female gear box pump (PTO)



VEL08 M



Log storage place



Log holding arm



3-point linkage included for PTO Model



Log splitter	VEL08 M	VEL08 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 tank 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)	228	244	223	274

Hydraulic and combined power.
CONTACT US

3-point linkage as option for other V08 (OPT00001)

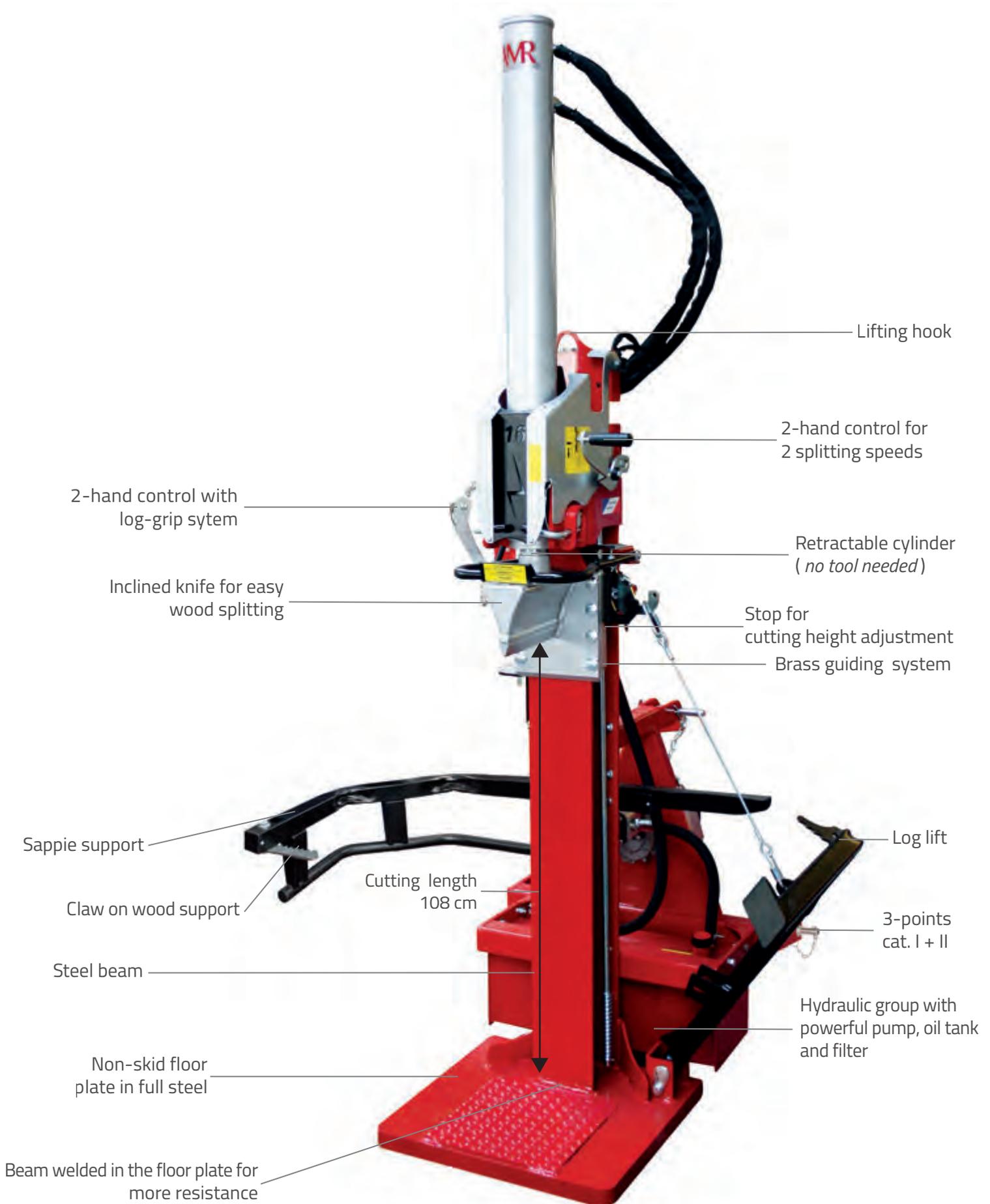
PTO plug (PRO00061)

400 V female plug (PRI00002)

* Work position - transport position

Vertical splitter 12/16 tons - V12/16 series

SPLITTING RANGE



See accessories page 20 / 21

Options and accessories can be installed in our factory or afterwards by the customers

■ Safety

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

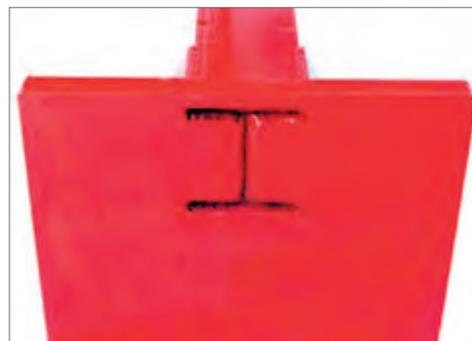
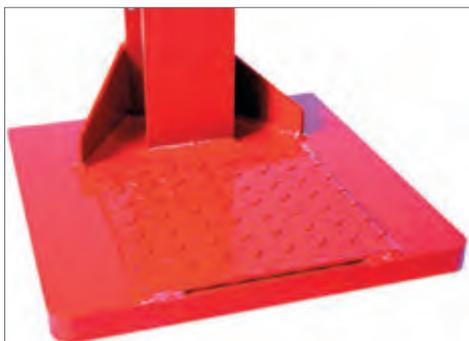
More than 20 years experience.



Ergonomic knife with special design for splitting with less effort.



Sappie support included



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

Vertical splitter 12 tons - V12 series

■ 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



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		14	*/7,7	14/7,7
Speed 2 (cm/s)	16,7	*	31,8	*/16,7	31,8/16,7
Return speed (cm/s)	12,5		21,8	*/12,5	21,8/12,5
Oil tank capacity (L)	28	*	28	28	28
Pump output (L/min)	21	*	39	*/21	39/21
Dimension (HxLxW cm)	250 (Working position) / 190 (Transport position) x 120 x 110 (68 on VHY12)				
Weight (kg)	380	281	345	385	393

* Depending from tractor output

Extra charge for 120 cm opening (cylinder 1 m)

Extra charge for female pump on VPF12

PTO shaft type 3 (CAR00001A)

See all options & accessories page 20 & 21

Vertical splitter 16 tons - V16 series

SPLITTING RANGE



■ 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



VPF16



VPE16



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 tank capacity (L)	28	*	28	28	28
Pump output (L/min)	42	*	54	*/42	54/42
Dimension (HxLxW cm)	250 (Working position) / 190 (Transport position) x 120 x 110 (68 on VHY16)				
Weight (kg)	418	323	368	423	410

* Depending from tractor output

Extra charge for 120 cm opening (cylinder 1 m)

Extra charge for female pump on VPF16

PTO shaft type 3 (CAR00001A)

See all options & accessories page 20 & 21

COMPLETE YOUR LOG SPLITTER BY ADDING FUNCTIONS

Accessories - V12/16 series

The options and accessories can be installed during production process or afterwards with our kits.

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



Sappie 380 / 800 mm



3 Wheels and drawbar
(2 wheels only for
VHY models)



PTO shaft type 3



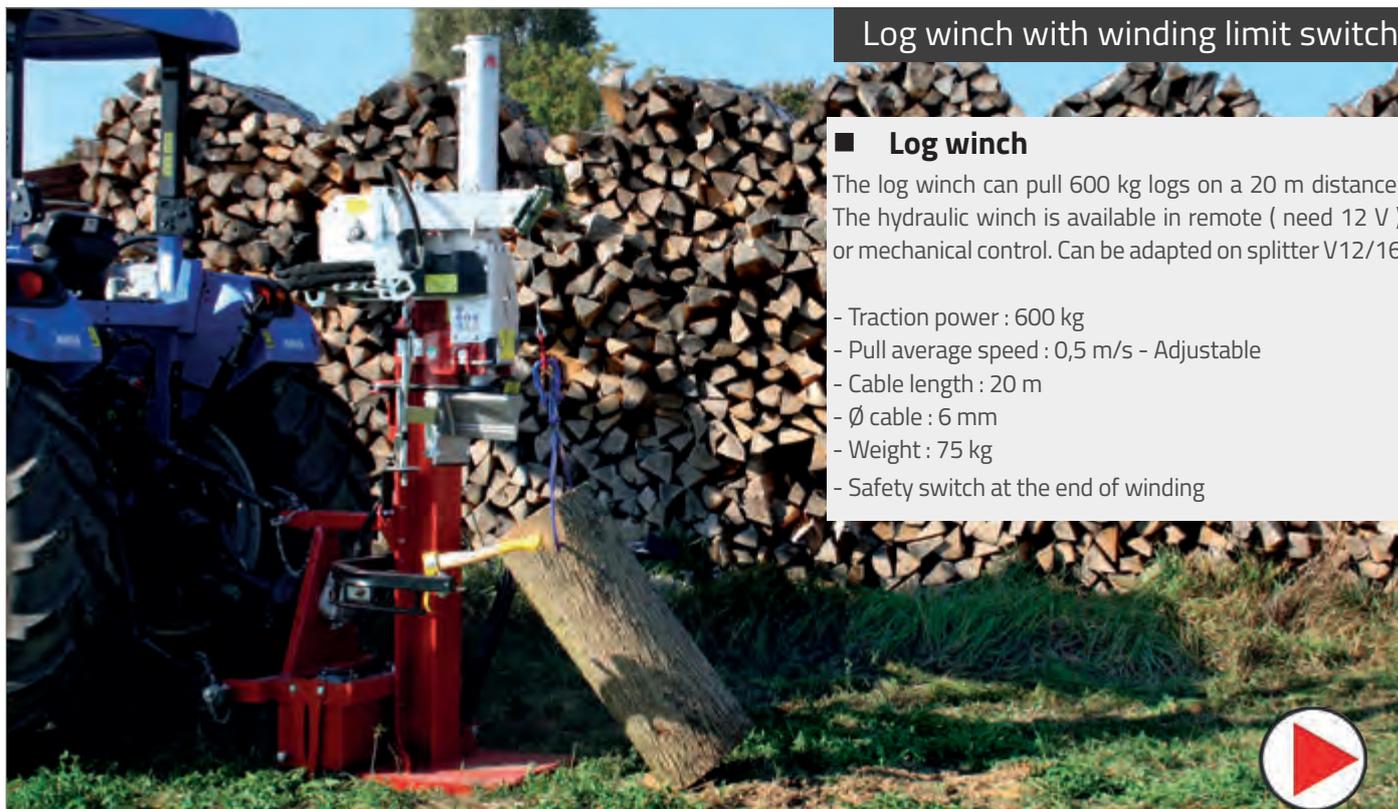
Oil cooler set

Transformation kit VHY12 to VPF12*	TRA00006
Transformation kit VHY16 to VPF16*	TRA00012
Transformation kit VPF12 VPE12 SP*	TRA00004
Transformation kit VPF16 to VPE16*	TRA00009A
Split-wedge 12/16	ECL000100
Mechanical log lift V12 / V16	LBM000101
Hydraulic log lift V12 / V16	LBH000200
Wheels and handling lever 12/16 (3 wheels) Cat.2	RTM000202
Wheels and handling lever 12/16 for VHY model (2 wheels) Cat.2	RTM000300
Oil cooler set 12/16 (for intensive use - Requires 12 V)	REF10000
PTO shaft type 3 / Wide-angle PTO shaft	CAR00001A / CAR00025
Tachometer and hour counter for PTO	COM000500
Sappie 380 mm / 800 mm	SAP00001 / SAP00002

*For other models and kits. CONTACT US

Hydraulic log winch for splitters mechanical or remote controlled

SPLITTING RANGE



Log winch with winding limit switch

■ 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 V12/16

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



VIDEO ON
WWW.A-M-R.FR

Hydraulic log winch with mechanical control



Hook for winch



Plier for log winch
(Opening 55/70 cm)



Hydraulic log winch with mechanical control system and switch at the end of winding

Mechanical controlled log winch V12/16	TTB000206
Remote controlled log winch V12/16	TTB00207
Plier for winch 70 cm 2000 kg	PIN000300
Plier for winch 55 cm 1500 kg	PIN000200
Hook for winch	CRO000100

PROFESSIONAL LOG SPLITTERS !
Vertical 13 - 17 - 22 - 27 tons

More power - More safety - More ergonomy

PATENTED



Safety trophy
Forexpo 2016



Innovation trophy
Space 2016





VIDEO ON
WWW.A-M-R.FR



European Patent

Cylinder stroke 105 cm
Retractable without tools

Robust switching



Patented log lift system

Larger and sharper knife

Design thermoformed cover

Adjustable claw to hold all logs (from 8 cm)

Cutting length 115 cm

3-points
Cat. I + II

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

Cast iron pump, silent and robust. Bigger tank. (Except 13 tons)

Massive beam

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

Vertical splitter 13 tons - V13 series

SPLITTING RANGE



■ V13 series

Ergonomic, safe and quick.

- 2-hand control
- Maximal safety for work
- 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



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 tank capacity (L)	28	*	28	28	28
Pump output (L/min)	28	*	45	*/28	45/28
Dimension (HxLxW cm)	262 (Working position) / 200 (Transport position) x 135 x 120				
Weight (kg)	430	344	398	435	435

* Depending from tractor output

PTO shaft type 3 (CAR00001A)

See all options & accessories page 28 & 29

Vertical splitter 17 tons - V17 series

SPLITTING RANGE

■ V17 series

Ergonomic, safe and quick.

- 2-hand control
- Maximal safety for work
- 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



VPF 17 with log winch



VIDEO ON
WWW.A-M-R.FR

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 tank capacity (L)	28	*	28	28	28
Pump output (L/min)	43	*	57	* / 43	57 / 43
Dimension (HxLxW cm)	262 (Working position) / 200 (Transport position) x 135 x 120				
Weight (kg)	445	360	426	450	472

* Depending from tractor output

PTO shaft type 3 (CAR00001A)

See all options & accessories page 28 & 29

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-hand 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)



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 tank capacity (L)	62	*	62	62	62
Pump output (L/min)	58	*	69	* / 58	69 / 58
Dimension (HxLxW cm)	264 (Working position) / 202 (Transport position) x 155 x 150				
Weight (kg)	569	440	542	574	599

* Depending from tractor output

PTO shaft type 3 (CAR00001A)

See all options & accessories page 28 & 29

Vertical splitter 27 tons - V27 series

SPLITTING RANGE



■ V27 series

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

- Maximal safety for work
- 2-hand 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)



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)	8,0	10,3	10,3/8,0
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 tank capacity (L)	70	70	70
Pump output (L/min)	58	81	81/58
Dimension (HxLxW cm)	264 (Working position) / 202 (Transport position) x 155 x 150 cm		
Weight (kg)	630	603	655

PTO shaft type 3 (CAR00001A)

See all options & accessories page 28 & 29

**COMPLETE YOUR LOG
SPLITTER
BY ADDING FUNCTIONS**

Accessories - V13/17/22/27 series

Options and accessories 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.



Sappie 380 / 800 mm



Mechanical log-lift (included)



Hydraulic log-lift (option)



Tachometer and hour counter
(for PTO)



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

Transformation kit VHY13 to VPF13*	TRA00051
Transformation kit VHY17 to VPF17*	TRA00052
Transformation kit VHY22 to VPF22*	TRA00049
Hydraulic log lift V13 / V17	LBH001000
Hydraulic log lift V22 / V27	LBH002000
Wheels and handling lever 13/17 (3 wheels) Cat.2	RTM000202
Wheels and handling lever 13/17 for VHY (2 wheels) Cat.2	RTM000300
Oil cooler set 13/17 (for intensive use recommended. Requires 12 V)	REF10000
Oil cooler set 22/27 (for intensive use recommended. Requires 12 V)	REF10001
PTO shaft typ 3 / Wide-angle PTO shaft	CAR00001A / CAR00025
Tachometer and hour counter for PTO	COM000500
Sappie 380 mm / 800 mm	SAP00001 / SAP00002

*For other models and kits. CONTACT US

Hydraulic log winch for splitters mechanical or remote controlled

SPLITTING RANGE

Hydraulic log winch with
mechanical control
Logs until 600 kg
(More information : p21)



Log winch with winding limit switch

Hydraulic log winch with
radio remote control until 600 kg
(More information : p21)



VIDEO ON
WWW.A-M-R.FR



Accessories

Hook for log winch



Plier for log winch (Opening 55/70 cm)



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

17 tons road homologated splitter - VMR





VIDEO ON
WWW.A-M-R.FR

Road homologated splitter 12/16 tons - VMR Series

SPLITTING RANGE

■ VMR 12 -16 series

Road homologated VMR12-16 splitter.

They combine reliability, robustness, and warranty a great mobility.

- Comfort : hydraulic tilting splitter in working and transport position
- 2-hand control
- 2 splitting speeds
- Road homologation according to directive 2007/46 / EC
- 108 cm cutting length
- Log support arm with adjustable claw for wood and sappie support
- Mechanical log-lift device
- Non-skid plate in full steel
- Cylinder retractable without tools
- **Accessories p34**



VIDEO ON
WWW.A-M-R.FR



VMR16ESS



Log splitter	VMR12ESS DP	VMR16ESS-9 DP	VMR16ESS-13DP	VMR16ESS-13DP Electric start
Road homologation according to directive 2007/46 / EC (additional fee)				
Splitting force (to)	12	16	16	16
Splitting length (cm)	108	108	108	108
Pump	Double	Double	Double	Double
Power supply	Petrol Honda 9 HP	Petrol Honda 9 HP	Petrol Honda 13 HP	Petrol Honda 13 HP
Fuel capacity	5.3 L	5.3 L	6.1 L	Electric start 6.1 L
Speed 1 (cm/s)	14	9	9	9
Speed 2 (cm/s)	25	19,7	19,7	19,7
Return speed (cm/s)	22	13,3	13,3	13,3
Oil tank capacity (L)	24	24	24	24
Pump output (L/min)	36,2	36,2	36,2	36,2
Dimension (HxLxW cm)	(Transport position) : 186 x 126 x 295 / (Working position) : 250 x 126 x 287			
Weight (kg)	505	525	530	545

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

Extra charge for parking brake

Hydraulic log-lift for 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

Road homologated VMR13-17 splitter. They combine reliability, robustness, and warranty a great mobility.

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

- Accessories p34



VMR17ESS



Log splitter	VMR13ESS-9DP	VMR17ESS-9DP	VMR17ESS-13DP	VMR17ESS-13DP Electric start
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	Petrol Honda 13 HP
Fuel capacity	5.3 L	5.3 L	6.1 L	Electric start 6.1 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 tank 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 / (Working position) : 260 x 126 x 318			
Weight (kg)	530	555	560	575

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

Extra charge for parking brake

Hydraulic log-lift for VMR13/17 (LBH001100)

Spare wheel with support (SUP00011)

Anti-theft system (ANT00005)

COMPLETE YOUR LOG
SPLITTER
BY ADDING FUNCTIONS

Accessories - Serie VMR

STANDARD



OPTIONS



Anti-theft system (ANT00005)

Spare wheel with support (SUP00011)

Extra charge for parking brake

Hydraulic log-lift 12/16 for VMR (LBH000500)

Hydraulic log-lift 13/17 for VMR (LBH001100)

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

SPLITTING RANGE

■ VMR-S 12 - 16 series

Ensure freedom with this non-homologated road driving splitter !

A robust frame and wheels expected for offroad.

You are now ready to split in the middle of the wood 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-hand control
- 2 splitting speeds
- Brass guiding system

SEE VMR



VMR-S12



VMR-S17

■ VMR-S 13 - 17 series

- Cutting length : 115 cm
- Adjustable claw to hold all logs (*from 8 cm up*)
- 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
Speed1 / 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 tank 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>Working position</i>) : 250 (260 en 17To) x 120 x 218			
Weight (kg)	412	451	448	474

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

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

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

Extra charge for Motor Honda (GX270)

Crane splitter 25 tons - HHY25 Model

■ HHY25 model

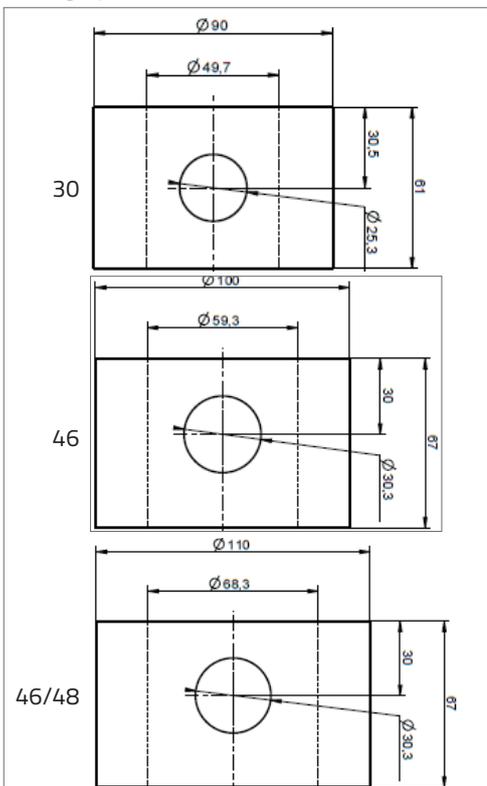
Crane splitter with a 25 tons power and 115 cm splitting length. This convenient splitter can be installed on front loader or forestry crane.

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



Log splitter	HHY25
Splitting force (to)	25
Cutting length / cylinder stroke (cm)	115 / 105
Power supply	Tractor hydraulics
Speeds depends on the tractor oil flow	
Dimensions (HxPxW cm)	Transport : 60 x 65 x 198 / Work : 258
Weight (kg)	425
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 To - 28 To on 3-point hitch - 28 To on axle - Kindling machine



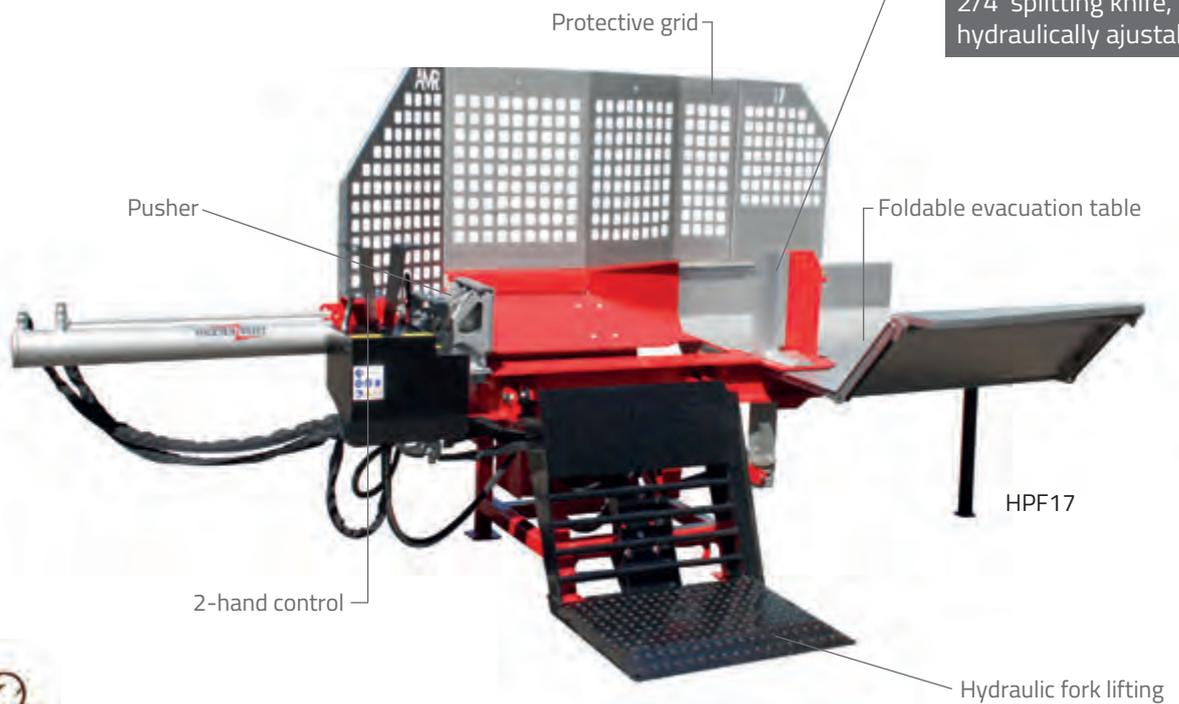
Horizontal log splitter 17 tons - H17 series

■ Log splitter H17 - 17 tons

This machine is 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-Hand control with 2 splitting speeds
- Easy to move: foldable table and cylinder
- Cutting length: 115 cm



Log splitter	HPF17	HEL17	HPE17
Splitting force (to)	17	17	17
Splitting length (cm)	115	115	115
Pump	Cast iron pump / Single	Aluminium pump / Double	Cast iron pump / Single Aluminium pump / Double
Power supply	PTO tractor	400 V / 4,8 Kw	PTO tractor + 400 V
Speeds 1 / 2 / returns (cm/s)	11,8 / 27,9 / 17,6	9,5 / 21 / 14,2	← See versions HPF17 / HEL17
Oil tank capacity (L)	28	28	28
Pump outup (l/min)	57	43	57/43
Dimensions (HxLxW cm)	(Working position) : 175 x 400 x 175 (Transport position) : 175 x 225 x 156		
Weight (kg)	700	725	750
PTO shaft type 3 (CAR00001A)			
Lighting with support (RAM00300)			
Sappie 380 mm / 800 mm (SAP00001 / SAP00002)			

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

SPLITTING RANGE

■ Horizontal splitter 28 tons on 3-point hitch

- Splitting length : 120 cm
- 2/4 splitting knife included- 6 - splitting knife as option

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 - Adjustable
 - 12 V from tractor required
 - Safety switch at the end of winding
 - Automatic regulation system at splitting speed



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 tank capacity (L)	75	75	75
Pump output (L/min)	89	87,8	89 / 87,8
Dimension (HxLxW cm)	(Transport position) : 182 x 178 x 240 / (Working position) : 182 x 226 x 405		
Weight (kg)	1080	1115	1205

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 (CAR00001A)

Lighting with support for H28 on 3-point hitch (RAM00200)

Horizontal splitter 28 tons on axle - H28 ESS series

SPLITTING RANGE

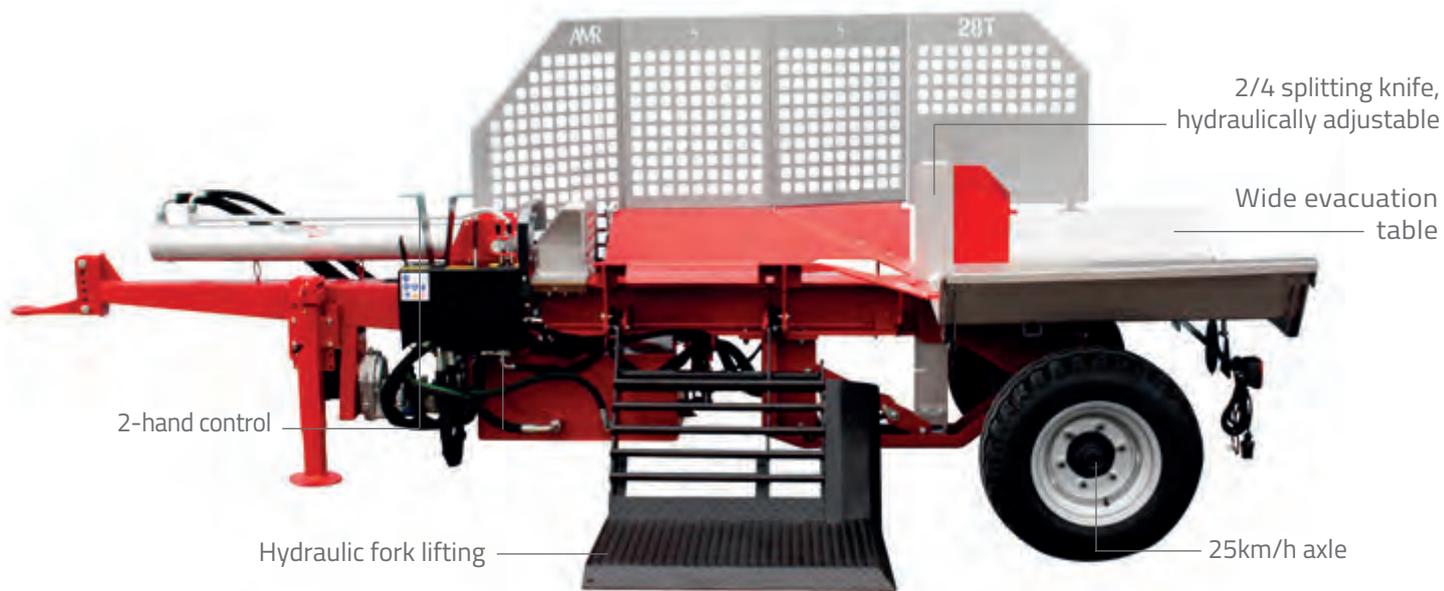
Horizontal splitter 28 tons on axle

- Splitting length : 120 cm
- 2/4 splitting knife included - 6 - splitting knife as option

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 - Adjustable
- 12 V from tractor required
- Safety switch at the end of winding
- Automatic regulation system at splitting speed



HPF28 ESS on axle



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 tank capacity (L)	75	75
Pump output (L/min)	89	89 / 87,8
Dimension (HxLxW cm)	190 x 190 x 473	
Weight (kg)	1240	1410

<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 (TTB000302)
	PTO shaft, specific for 28 tons on axle (CAR00015A)
	Sappie 380 mm / 800 mm (SAP00001 / SAP00002)

NEW

SPLITOMAT

Fully automatic kindling machine





VIDEO ON
WWW.A-M-R.FR



SPLIT  MAT



FULLY AUTOMATIC OPERATING

■ SPLITOMAT - Kindling machine

Performance and time saving guaranteed with the SPLITOMAT: the kindling machine, allowing the production of logs for kindling.

- Length of wood to be split : 15 ou 20 - Adjustable without tools
- Ø of wood to be split min. / max. : 50 / 250 mm
- Production capacity between 70 and 100 bags of 40 litres / hour; depending on machine setting and wood quality
- Adjustable cutting size
- Power supply : 3 x 400 V + Neutral + Earth
- Very fast cycle time, less than 2 seconds !
- Oil cooler as standard
- Rotabaga for 3 bags of 40 L and packing table for bags of 24 or 40 L en optional



SPLITOMAT with Rotabaga for 3 bags of 40 L



SPLITOMAT with packing table for bags of 24 or 40 L



Kindling machine	SPLITOMAT
Length of wood (cm)	15 ou 20 - Adjustable without tools
Ø mini. of wood (mm)	50
Ø max. of wood (mm)	250
Cutting size	Adjustable with a adjustment wheel
Oil tank capacity (L)	52
Typ of oil	HV32
Filter	25 microns
Splitting force (to)	5
Cycle time	En 20 cm : 1.87 second En 15 cm : 1.50 second
Oil cooler	As standard
Power supply	3 x 400 V + Neutral + Earth 16 A with phase inverter
Voltage	400 V
Power	6.6 kW
Transport	Forklift and crane
Weight (kg)	590
Transport dimensions (H x L x W cm)	215 x 250 x 130
Feed chute and out of the woods (cm)	120 - Foldable
Rotabaga for 3 bags of 40 L	
Packing table	
Bags 24 L - 500, 1000 ou 2000 items (FIL000124)	
Bags 40 L - 500, 1000 ou 2000 items (FIL000140)	

** Requires 400 V with neutral*

Characteristics of the wood to be used

	SPLITOMAT
Ø max. of wood (mm)	250
Length as standard (cm)	15 or 20 - Adjustable without tools
Typ of wood recommended :	Resineux (<i>pine</i>) - birch - not stringy wood
Typ of wood not recommended :	Knotty wood - wood pallet - timber drop

SAWING RANGE

46 - 63 Professional saw **QUATRMAT** **TRIMAT** **SOLMAT**

64 - 73 Circular log carriage saw - Circular sliding table saw - Band-saw **SCIMAT**

74 Independant conveyor





VIDEO ON
WWW.A-M-R.FR



QUATR MAT



AUTOMATIC SAWING

QUATRO MAT

Standard EN 1870-6 : 2017

Safe work by high performance

- High output: 10 - 14 steres per hour
- Log holding system during sawing
- Ergonomic and intuitive controls
- No direct access to saw blade
- Cutting length adjustable from 25 to 52 cm without tools and dismantling



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

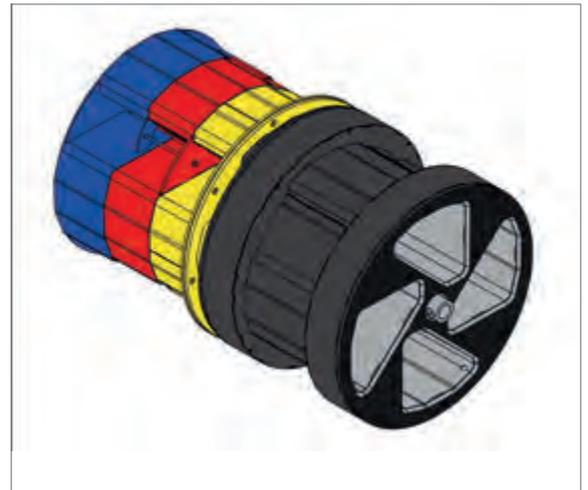
Cut length adjustable
from 25 to 52 cm
without tools and dismantling

Loading assistance for fork lift

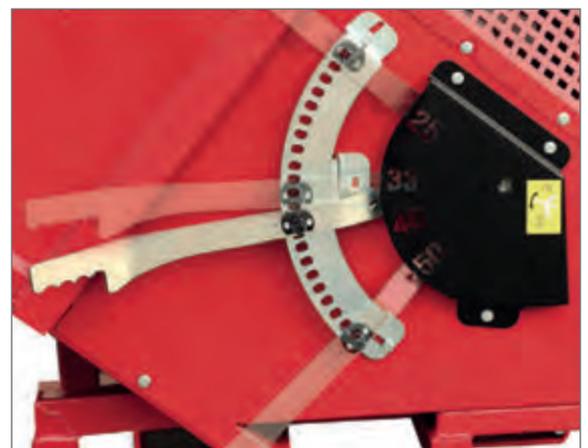




With our 4 chambers circular drum saw we are able to cut extremely fast with high performance and maximum safety.



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



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

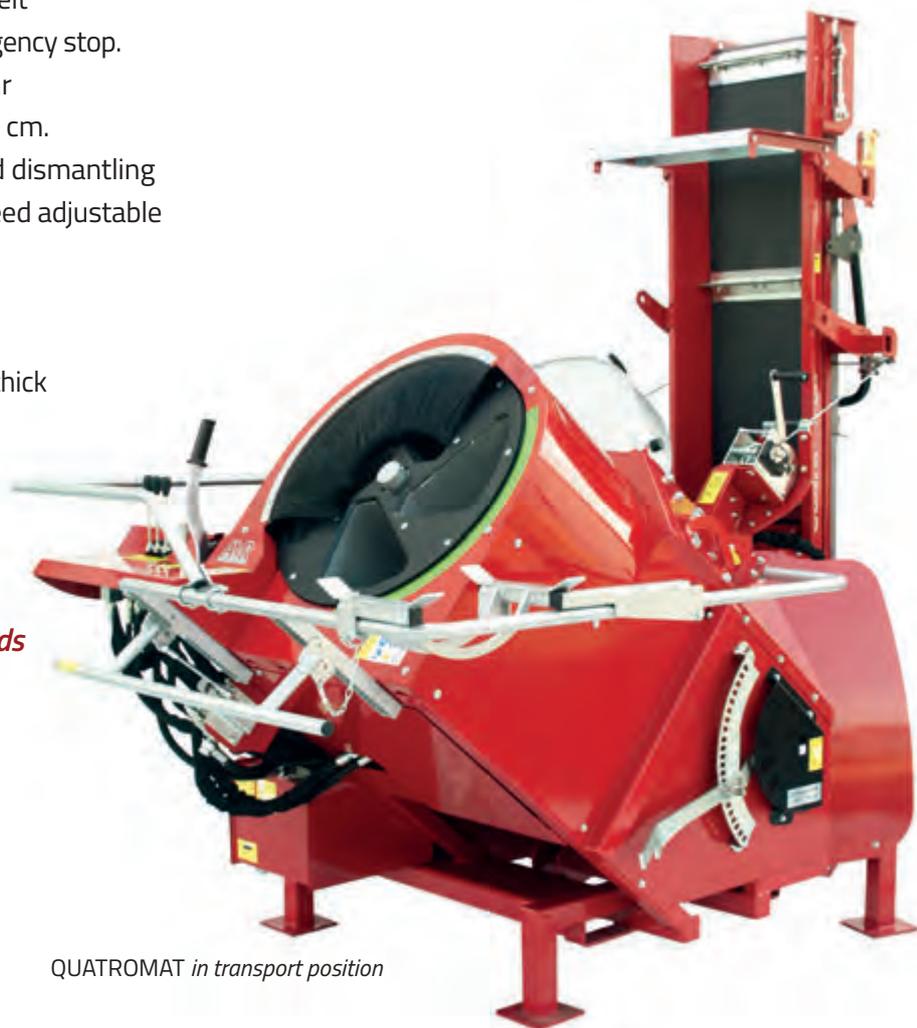


■ Automatic saw Quatromat - SAT4-700

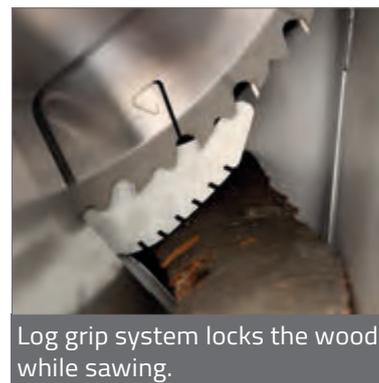
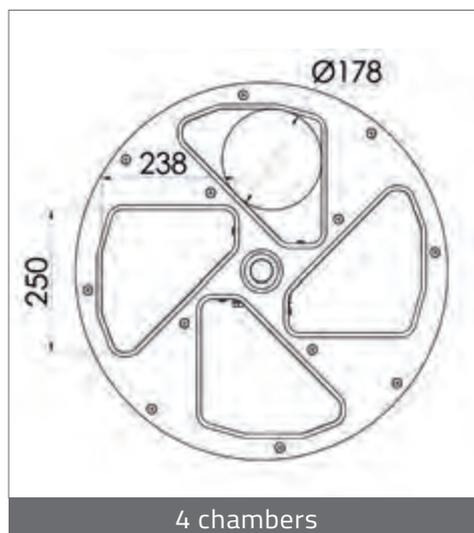
The Quatromat circular saw allows easy and quick sawing of round or splitted wood.

- 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, 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





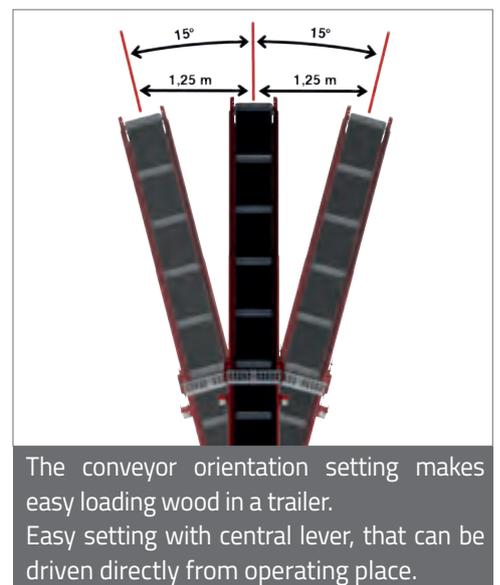
Quatromat	SAT4-700 PTH PTO tractor, with fixed conveyor	SAT4-700 PETH PTO tractor + Elec. combined, with fixed conveyor	SAT4-700 PTHO PTO tractor with orientable conveyor	SAT4-700 PETHO PTO tractor + Elec. combined with orientable conveyor
Number of chambers				4
Length of wood				until 1 m
Max. Ø round log / splitted log (cm)				16 / 24
Max. cut / minute				60
Cutting length (cm)				25, 33, 52 + 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)				5 / 3
3-point tractor				Cat. I and II
Dimension of transport (HxLxW) (cm)				245 x 220 x 160
Weight (kg)	901	968	917	984
Axle carrier (280 kg) (See page 54)				
TCT blade Ø700 mm x 6.0/4.5 Ø30 mm z=42 (LAM00032)				
Lighting ramp (RAM00100)				
Tachometer and hour counter (COM000300)				
PTO shaft type 3 (CAR00001A)				
PTO shaft type 3 (CAR00015A) - Model with transport axle				
400 V female plug 32A (PRI00019)				
Toolbox (CAI000100)				



Toolbox (option)



TCT blade





AUTOMATIC SAWING

TRI-MAT

Standard EN 1870-6 : 2017

■ Automatic saw Triomat - SAT3-700

The automatic drum saw with 3 channels is able to cut extremely fast with enormously high performance and maximum safety.

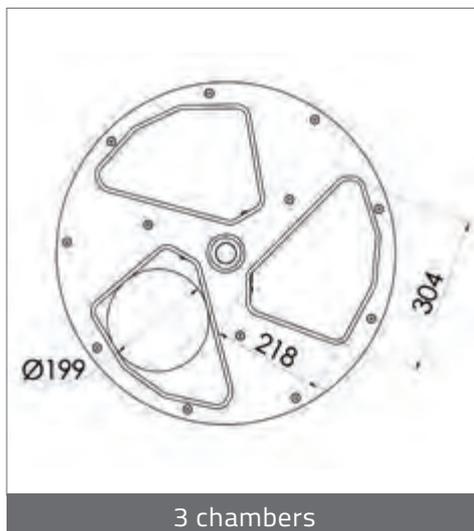
This model is especially designed for bigger wood size.

- 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, 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*



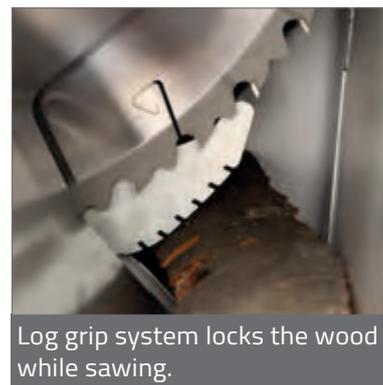
TRIOMAT



3 chambers



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



Log grip system locks the wood while sawing.



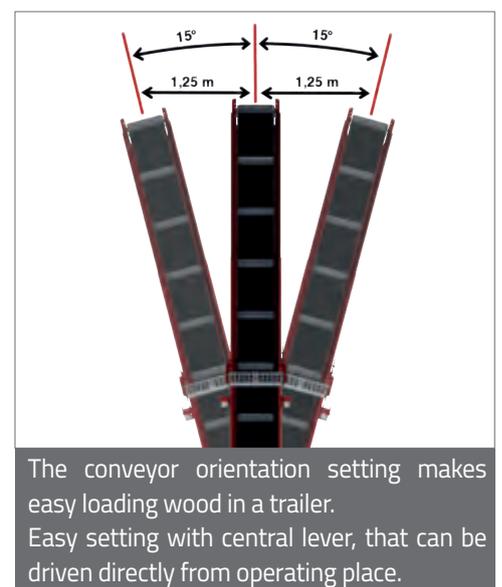
Triomat	SAT3-700 PTH PTO tractor, with fixed conveyor	SAT3-700 PETH PTO tractor + Elec. combined, with fixed conveyor	SAT3-700 PTHO PTO tractor with orientable conveyor	SAT3-700 PETHO PTO tractor + Elec. combined with orientable conveyor
Number of chambers				3
Length of wood				until 1 m
Max. Ø round 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 Ø30 mm
Conveyor length (m) / Max height of evacuation (m)				5 / 3
3-point tractor				Cat. I and II
Dimension of transport (HxLxW) (cm)				245 x 220 x 160
Weight (kg)	894	977	910	993
Transformation kit from QUATROMAT to TRIOMAT (TRA00200)				
Axle carrier (280 kg) (See page 54)				
TCT blade Ø700 mm x 6.0/4.5 Ø30 mm z=42 (LAM00032)				
Lighting ramp (RAM00100)				
Tachometer and hour counter (COM000300)				
PTO shaft type 3 (CAR00001A)				
PTO shaft type 3 (CAR00015A) - Model with transport axle				
400 V female plug 32A (PRI00019)				
Toolbox (CAI000100)				



Toolbox (option)



TCT blade





Axle carrier - SAT



TRIOMAT with axle carrier

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

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

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

Lighting (RAM00100)

PTO Type 3 (CAR00015A) - Model with axle carrier

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



Lifting table



Compact for the transport

INCLUDED



Hydraulic connection directly on the tractor

OPTION



Set for direct connection to QUATROMAT, TRIOMAT, SOLOMAT,

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) 225

Hydraulic kit* for direct connection to SOLOMAT / TRIOMAT / QUATROMAT

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





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SOL  MAT AUTO



AUTOMATIC SAWING

SOLMAT AUTO

With **AUTOMATIC** log carriage

Standard EN 1870-6 : 2017



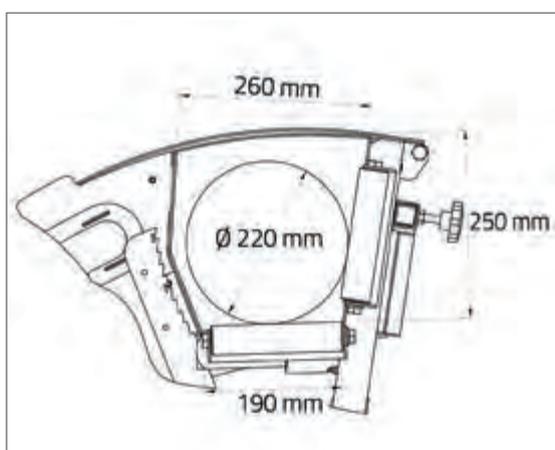
Maximum reliability and productivity

- Log presence sensor for automatic sawing
- Log holding system during sawing
- Cutting capacity : more than 7 steres per hour
- 5 m conveyor belt with individual sections
- Suitable for tractors from 35 HP upwards
- High quality TCT blade
- Adjustable cutting length from 20 to 52 cm without tools or dismantling



■ Conveyor 5 m

Width of the mat : 35 cm



Inside dimensions of the log carriage



With automatic log carriage and fixed conveyor 5 m	SIT-700E*	SIT-700P**	SIT-700PE***
With automatic 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	3m	3m
TCT blade Ø 700/30 x 5,0/4,0 mm, 42 teeth	Included	Included	Included
Weight with 5 m pivoting conveyor (Kg)	705	700	765
TCT blade Ø 700 mm x 5,0/4,0 mm (LAM00039)			
Tachometer and hour counter (COM000400)			
PTO shaft Type 3 (CAR00001A)			

* Requires 400V with neutral

** Requires 12V

*** Requires 400V with neutral or 12V, depending of power supply



SEMI-AUTOMATIC SAWING

SOL[®]MAT

with **HYDRAULIC** log carriage

Standard EN 1870-6 : 2017



Ergonomics and productivity

- 5 m conveyor belt with individual sections
- Suitable for tractors from 35 HP upwards
- Cutting capacity : until 7 steres/hr
- Log holding system during sawing
- No direct access to the saw blade
- Adjustable cutting length from 20 to 52 cm without tools or dismantling

Conveyor 5 m (option : pivoting)

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

Adjustable conveyor speed

The log carriage is activated by a lever

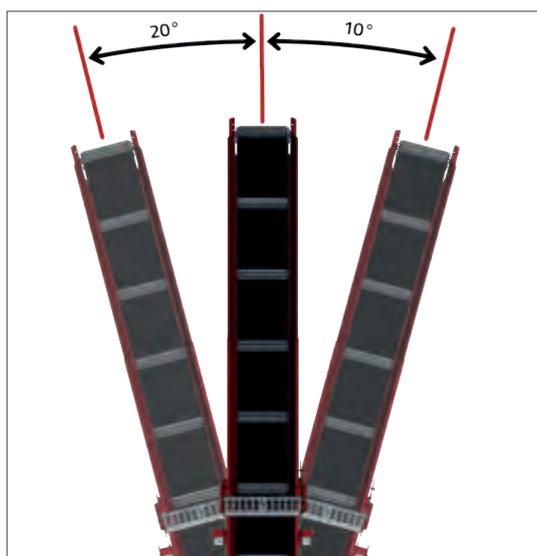


Wood disposal support

Loading assistance for fork lift

■ **Conveyor 5 m**

Telescopic conveyor with hydraulic tension and adjustable speed.



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



Valve and speed regulation for log carriage



Hydraulic log carriage system

With hydraulic log carriage and fixed conveyor 5 m	SIT-700E	SIT-700P	SIT-700PE
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	3m	3m
TCT blade Ø 700/30 x 5,0/4,0 mm, 42 teeth	Included	Included	Included
Weight with 5 m pivoting conveyor (Kg)	700	680	750
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 counter (COM000400)			
PTO shaft Type 3 (CAR00001A)			

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



MANUAL SAWING

SOL[®]MAT

with MECHANICAL log carriage

Standard EN 1870-6 : 2017



Simple and practical to use

- 5 m conveyor belt with individual sections
- Suitable for tractors from 35 HP upwards
- Cutting capacity : until 7 steres/hr
- Log holding system during sawing
- No direct access to the saw blade
- Adjustable cutting length from 20 to 52 cm without tools or dismantling



Conveyor available in 2 or 5 m with individual sections

Safety grid

Hand 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**

Telescopic conveyor with manual tension and adjustable speed.

■ **Conveyor 5 m**

Telescopic conveyor with hydraulic tension and adjustable speed.



Sawdust discharge pipe



European Patent



Log grip system locks the wood while sawing

With mechanical log carriage and fixed conveyor 2 m	SIT-700E	SIT-700P	SIT-700PE
With mechanical log carriage and fixed 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 2m conveyor / 5m conveyor	1,45/3m	1,45/3m	1,45/3m
TCT blade Ø 700/30 x 5,0/4,0 mm, 42 teeth	Included	Included	Included
Weight with 2 m fixed conveyor (Kg)	530	575	635
Weight with 5 m pivoting conveyor (Kg)	680	672	730
TCT blade Ø 700 mm x 5,0/4,0 mm (LAM00039)			
Tachometer and hour counter (COM000400)			
PTO shaft Type 3 (CAR00001A)			
KIT for converting a mechanical log carriage into a hydraulic log carriage*			

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





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SCI  MAT

MANUAL SAWING

SCI[®]MAT

Standard EN 1870-6 : 2017

Simple and safe to use

2 VERSIONS :

Model H : need PTO + Tractor hydraulic for conveyor

Model P : need PTO only (saw equiped by own tank and pump)

- Emergency stop lever for PTO drive
- Cutting length from 20 to 50 cm
- Log grip system during sawing
- Safety cover on log carriage
- Adjustable conveyor speed
- Power supply : PTO tractor
- TCT blade of high quality





Log grip system while sawing



Adjustable conveyor speed



Cutting length from 20 to 50 cm



Safety cover over log carriage

Sciomat	WSA-H with conveyor	WSA-P with conveyor
Power supply	PTO tractor + Tractor hydraulic	PTO tractor and hydraulic power unit
TCT blade Ø 700mm	Included	
Ø Minimal / Maximal Ø round, (mm)	40 - 240 or splitted log	
Dimension of transport (HxLxW) (cm)	240 x 140 x 120	
Conveyor : loading length (m)	5	
Conveyor : loading height (m)	3	
Weight (kg)	369	410
TCT blade Ø 700/30mm (LAM00011)		
PTO shaft Type 3 (CAR00001A)		
Log carriage extension (RAL00005)		

Circular log carriage saw - WSA series

SAWING RANGE

■ 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 : 2017
- Adjustable cutting length indicator
- Wood holding arm during saw process
- Welded and reinforced frame
- Certified EN 1870-6



WSA 700 Ess with belt drive



Mobility kit WSA not approved for road use



Log carriage extension

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)	144	164	177	222	188
Mobility kit with 2 big wheels and drawbar (TIM000300)					
TCT blade \varnothing 700/30 mm, 42 teeth (LAM00011)					
PTO shaft Type 3 (CAR00001A)					
Log carriage extension (RAL00005)					
400 V female plug (PRI00002)					



WSA 700 ED
Electric with direct drive



WSA 700 PE
PTO tractor + Electric with belt drive



WSA 700 EC
Electric with belt drive



WSA 700 P
PTO tractor with belt drive



Adjustable cutting length



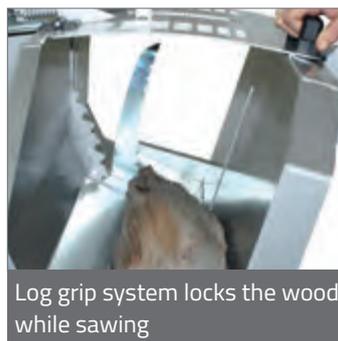
Folding handle and transport wheels



Carriage cover
EN-Norm 1870-6 : 2017



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

■ 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
- Log carriage extension as an option



SWK 550



TCT blade



Chrome blade



Log carriage extension

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)		
Log carriage extension for SWK 550/600 and WKS 650 (RAL00005)		
400 V female plug (PRI00002)		

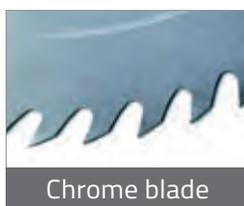
■ WKS 650

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
- Log carriage extension as an option



TCT blade



Chrome blade



Log carriage extension

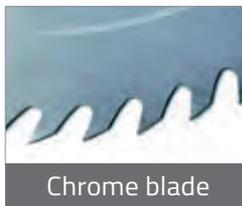
With chrome blade	WKS 650
With TCT blade	
Power supply - Direct transmission	230V / 3,5kW
Blade \varnothing and boring (mm)	\varnothing 650 / 30
Blade rotation (rpm)	1450
Working height (cm)	70
\varnothing max. round or splitted log (cm)	24
Weight (kg)	120
TCT Blade \varnothing 650 mm (LAM00009)	
Chrome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

Circular sliding table saw - RTS series

■ Circular sliding table saw - RTS series

With saw blade of \varnothing 650 mm or \varnothing 700 mm, RTS 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



	With chrome blade	RTS 650	RTS 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	84
\varnothing max. round or splitted log (cm)		20,5	23
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 for model 620 and 720(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 (CAR00001A)										

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

Tension and evacuation hight ajustable with hand winch

Funnel

Inclination ajustement

4 wheels : 2 pivoting

Draw bar storage during work

Electric model

Rolls mounted on bearing



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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	160 x 260 x 120		
Weight (kg)	286	275	323
Hydraulic flow control for Hy-version (REG000100)			
Towing ring (ANN00004)			
Conveyor without frame :			
3-phase - TSC 400 V			
Single-phase - TSC 230 V			
Hydraulic supply - TSC Hy			

* 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	Quarters of 33 cm
	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

- 76 - 79 Skidding grapple
- 80 - 81 Radio remote control 
- 82 Tractor inclination control device
- 85 - 87 Rotator - Grapple - Arm grapple
- 88 - 93 Bundler - Supporting frame - Timber claw - Timber blade



■ 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*



RZ 165-R



Adaptor for front loader (euro)

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 give you the possibility to reach and move timbers.

Work quicker and safer.

- 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-R6)

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

Already 50 years of experience !



■ **Radio remote control HBC**

- Waterproof reinforced plastic box for optimal protection in extreme conditions
- Protection class IP 65
- Emergency stop button
- Ergonomic design, low weight
- Emergency call function
- Separate cable winding and unwinding controls
- ON / OFF function for swing brake
- Power supply via 2 replaceable NiMH batteries
- Operating time approx. 12 h
- 12V charger
- Belt
- Weight 1 kg
- Dimensions (W x H x D) 165 x 165 x 70 mm

■ **Receiver**

- Transmitting power 10 mW ERP
- Internal antenna
- Robust plastic box
- Protection class IP 65
- Information display with LED indicator
- Weight 0.6 kg
- Dimensions (W x H x D) 141 x 114 x 78 mm



Radio remote control for single drum winch FST 510 patrol T

Radio remote control for single drum winch, continuous gas, engine on/off function**, progressive breaking

Radio remote control for double drum winch FST 511 patrol T

Radio remote control for double drum winch, continuous gas, engine on/off function, progressive breaking

Accessories

Chest support. Attachment with straps or neck strap

Belt support

Leather belt

Added battery

Battery charger 230V

Connection cable AJST0543 with 7-pin plug

** Without connection cable AJST0543



Receiver

■ Radio remote control ELCA - 4 functions

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

1. Roll up the cable
2. Roll down the cable
- 3/4. Gas + / Gas -

Included charger, receiver, transmitter and belt

Exchangeable battery



Radio remote control for single winch with single drum

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



Accelerator cylinder (Warner) 12 V (VER00024)



Example on tractor :

FENDT

VALTRA

■ Tractor inclination control device

This patented device follows the inclination of the tractor and stops tightening of winch when a risk of reverse appears.

Only available on electro-hydraulic winch with radio remote control

> 3 inclination tolerances available, to select :

- Safe : 13° / 22° (left/right - front/back)
- Normal : 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



KWF Certification

NU 2515 GU Connect with radio remote control HBC

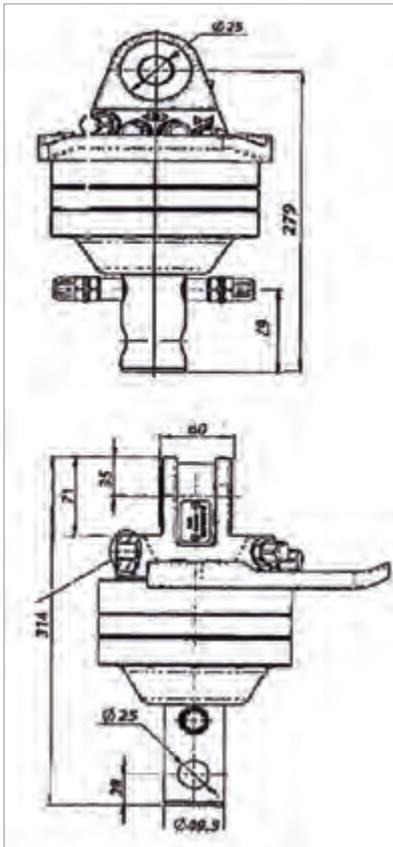
NU 2515 GU N Adaptable on TAJFUN EGV AHK winch plug connection







■ Rotator FHR 3000 L with shaft

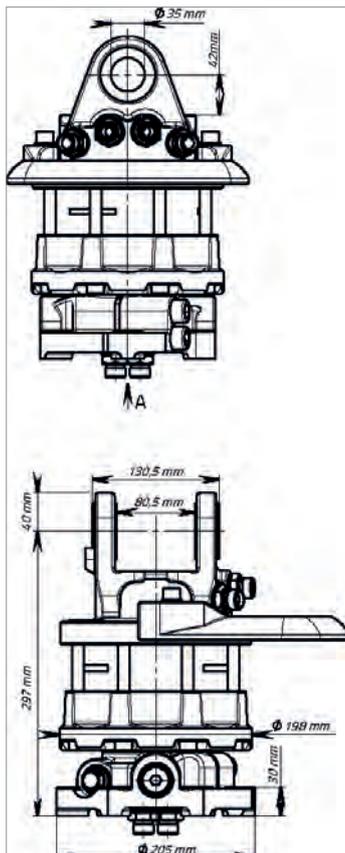


FHR 3000L Rotator with shaft

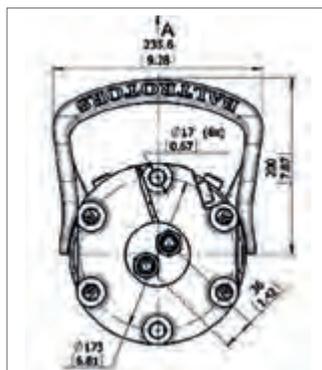


GR603 Rotator with flange

■ 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
Balance brake GR 30 Q (FRE00002)			



Option : Balance brake compatible with GR 30 Q



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	Strenx	Strenx	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 / 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	Strenx	Strenx
Power at arm's end (kg)	700	700
Pressure recommended (bar)	150-215	150-215
Weight (kg)	250	280
3-point adapter		
Manitou adapter		
JCB adapter		





■ Bundler for 1 stere

Pack your wood in a cubic meter bundle (1m), or a half cubic meter bundle (50 cm).

User friendly and comfortable with an easy swing for a 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

Polyester bundler with mechanical pivoting

Polyester bundler with 3-point hitch (without clamping kit) - 276 kg

Polyester bundler with 3-point hitch + euro front loader (without clamping kit) - 334 kg

String bundler with mechanical pivoting (2 spool supports included)

String bundler with mechanical tension and 3-point hitch - 300 kg

String bundler with mechanical tension and 3-point hitch + euro front loader - 358 kg

String bundler with hydraulic tension and 3-point hitch - 316 kg

String bundler with hydraulic tension and 3-point hitch + euro front loader - 374 kg



Hydraulic string tension



Hydraulic pivoting



Hydraulic pre-tensioning



3-points hitch + euro linkage



Adjustable spool support for string



Accessories kit for polyester strips bundler

Option
Option manual pivoting for all models (FAG120000)
Option hydraulic pivoting for all models (FAG121000)
Option euro front loader (FAG120101)
Option hydraulic string tension (2 spool supports included) (FAG120020)
Option mechanical string tension (2 spool supports included) (FAG120010)
Option mechanical pre-tensioning, string or polyester (FAG120030)
Option hydraulic pre-tensioning, string or polyester (FAG120040)
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

■ Bundler for 1/2 stere

Pack your wood like a professional

- Suitable for 100 cm wood lengths
- Mechanical tilting backwards
- Basket diameter: 80 cm
- 3-point hitch Cat. I and II
- Ergonomic working place
- Robust and sustainable conception
- Maximum \varnothing of string spool : 26 cm
- Tipping from the tractor



Clamping mechanism



Mechanical tilting system

Bundler for 1/2 stere, mechanical tilting on 3-point hitch Cat. I and II

Cat

I et II

Weight (kg)

110

■ Supporting frame for vertical splitter 12 to 27 tons + bundler* - SIFF

The Supporting frame SIFF is used to transport the vertical splitter and bundler combination

- Width of the frame : 220 cm
- Width with bundling unit and splitter : 270 cm
- Width with lighting : 300 cm
- Weight : 114 kg (*without splitter and bundler*)



Centering kit for pump

Supporting frame for vertical splitter 12 to 27 tons + bundler*

Centering kit for pump on vertical splitter 12/16 and 13/17 (SUP000110)

Centering kit for pump on vertical splitter 22/27 (SUP000111)

Hydraulic tilting (FLX01173)

Hydraulic pre-tension (FLX01174)

Hydraulic tension (FLX01174)

Wide-angle PTO shaft (CAR00025)

**Not compatible with 1/2 stere bundler*

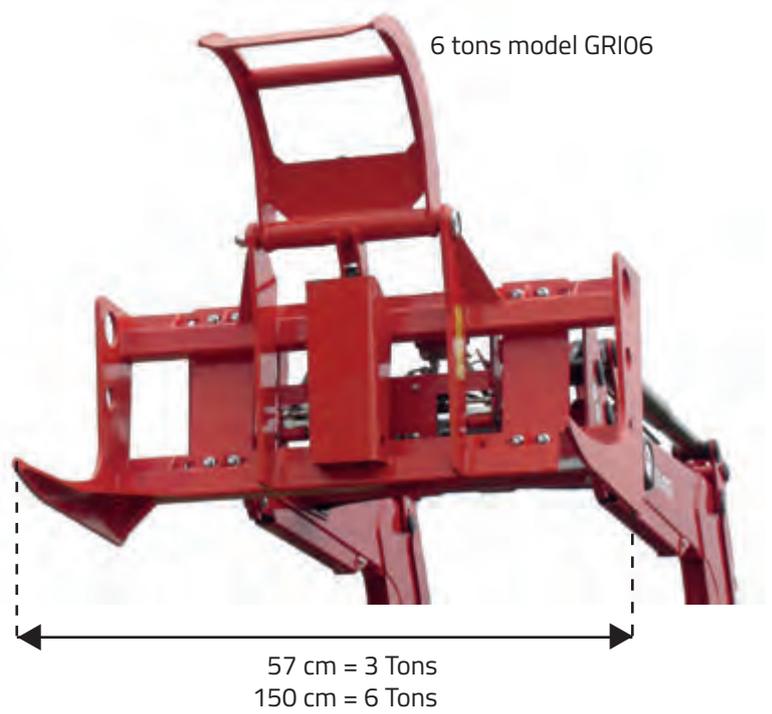
■ Timber claw

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 / JCB / Manitou

> *Tractor with double effect valve required*



Timber claw with euro linkage	GRI03	GRI06
Max. loading (to)	3	6
Cylinder	Hydraulic	Hydraulic
Euro support	Standard	Standard
Max. opening (cm)	100	100
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

95 Universal bucket

96 - 98 Debarker - Stone / wood fork



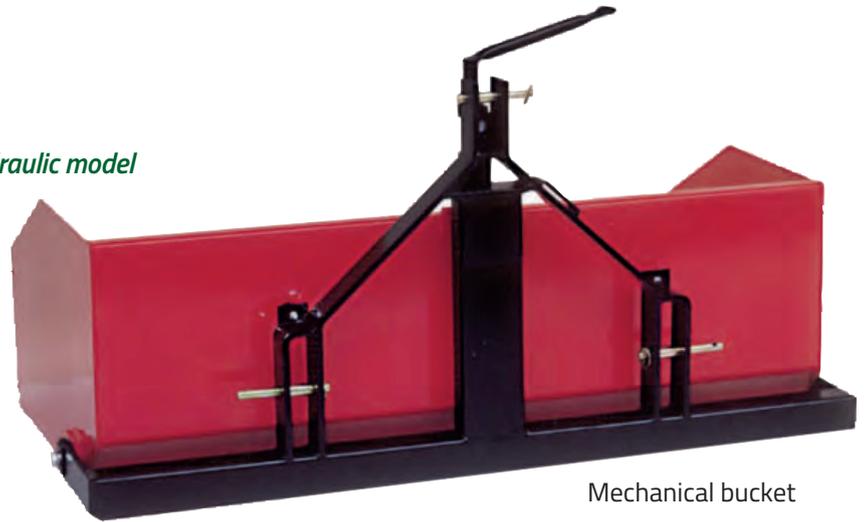
STEELTHICKNESS 5 mm

■ Tilting universal bucket

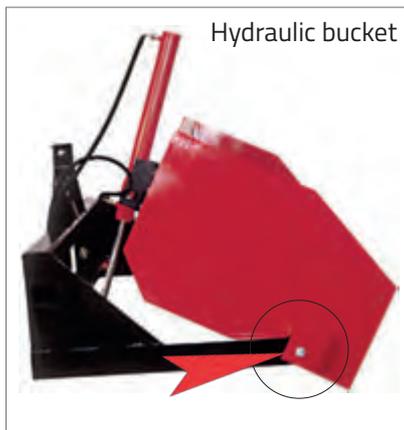
Universal bucket on 3-point hitch tractor, with a tilting system for easy use. Wide opening angle in tilted position.

- 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*



Mechanical bucket



Hydraulic bucket

Specific articulation point of tilting system, making linkage more resistant



Back rail (Option)



Optimal tilting angle

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)	Hydraulic bucket	235	260	285	315	335	360
	Mechanical bucket	165	185	205	235	255	280
Option back rail		RID100000	RID125000	RID150000	RID175000	RID200000	RID225000
Hardox blade (price per meter)							

■ **Debarker**

The NEUHAUSER compact debarker is a 3 functions machine.

1. **Debarking** : Stakes up to a maximum 250 mm
2. **Pointing** : Highly efficient removal of cutting wastes
3. **Beveling** : Finishing work on the stake head

- Debark stakes from Ø 30 to 250 mm
- Debarking, pointing, chamfering on a single machine
- Improves and significantly increases the service life of stakes
- Electric drive, PTO drive or a combination of the two
- Ruggedly-constructed machine
- 3-point hitch for Cat I and II tractors
- Wood shavings discharged through Ø 160 mm pipe



R3



R1

Debarker	R1	R3	R4
Power supply	PTO tractor*	Elec. 400V	PTO tractor + Elec. 400V
Weight (kg)	230	310	310
Stake support which can be fitted at the input or at the output			
Set of 4 knives			
Set of 4 shaving discharge			
Knife setting gauge			
PTO shaft Type 3 (CAR00001A)			

* From 15 CV, 11 kW



■ Debarker

The NEUHAUSER debarker provides a whole host of possibilities. After debarking, round stakes of a maximum of \varnothing 190 mm may be further worked with the circular saw !

1. **Debarking** : Stakes up to a maximum 250 mm
2. **Sawing** : Possibility of sawing the stake in two lengthways after debarking.
It is also possible to edge the planks.
3. **Pointing** : Highly efficient removal of cutting wastes
4. **Sawing** : Cut the stakes to length
5. **Chamfering** : Finishing work on the stake head

- Pointing system
- 3-point hitch for Cat I and II tractors
- Integrated circular saw with carbide blade \varnothing 500 mm
- Wood shavings discharged through \varnothing 160 mm pipe



R1-K500



R3-K500

Debarker	R1-K500	R3-K500	R4-K500
Power supply	PTO tractor*	Elec. 400V	PTO tractor + Elec. 400V
Weight (kg)	430	500	510
Stake support which can be fitted at the input or at the output			
Set of 4 knives			
Set of 4 shaving discharge			
Knife setting gauge			
PTO shaft Type 3 (CAR00001A)			
Carbide circular saw blade \varnothing 500 mm			

* From 25 CV, 19 kW



■ Stone / wood fork

Stone / wood 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
Full load volume (m ³)	0,47	0,62	0,81
Distance between bars (cm)	8	8	8
Diameter of the bars (cm)	3	3	3,5
Standard bracket	Euro linkage	Euro linkage	Euro linkage
Weight (kg)	215	265	405
3-points adapter			
Manitou adapter			
JCB adapter			

ACCESSORIES

- 99 - 101 Forestry toolbox
- 102 - 107 Others



Forestry toolbox



Forestry toolbox

- 3 types of hitch
- Side support for chainsaw
- Side access door
- Internal storage compartments
- Vice on work table
- Cover with 2 gas cylinder



Forestry toolbox without hitch	Forestry toolbox with hitch :		
	3-point hitch	Attachment system for TAJFUN logging winches*	Automatic hitch system for tracteur
Dimensions (L x W x H mm)	1310 x 750 x 1080		
Weight (kg)	256	261	256
Trolley			

* Except models EGV 35 A / EGV 105 AHK / VIP PRO 90

■ Types of hitche

- 3-point hitch



- Attachment system for TAJFUN logging winches*



- Automatic hitch system for tracteur



* Except models EGV 35 A / EGV 105 AHK / VIP PRO 90

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

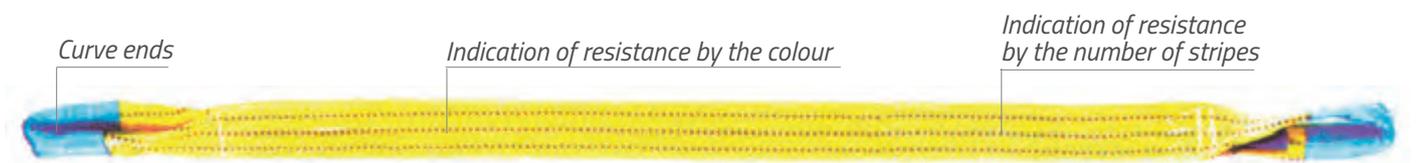
- Reinforced curls ends according to EN 1492-1
- Low friction
- No swelling in high humidity
- Polyester doubled for maximum strength

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

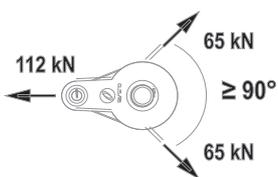
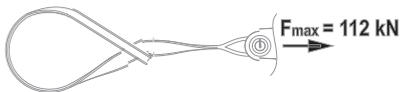


■ Mobile pulley TAJFUN PS 130

- 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	25	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	13	16 mm	25	17	0,69	3000
CRO00006	16	22 mm	26	17	0,97	5000

■ **Hitting hook**



Ref	Weight kg	Traction daN
CRO000100	0,65	4000

■ **Blocking sleeve**

- For winch cable Ø 9 to 14 mm



Blocking sleeve + corners Ø 9/11 mm (DOU00003B+C)

Blocking sleeve + corners Ø 12/14 mm (DOU00003)

■ **Choker**

- For winch cable

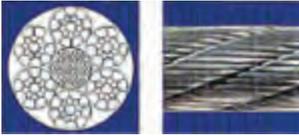


Choker for winch cable Ø10/14 mm (CHO00007)

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)

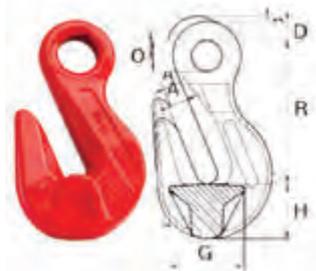
Hook for skidding chain



Red : Cat. 8 / Blue : Cat. 10

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)

■ 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)

■ 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

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)

■ 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



Log trolley

Without Logo (CHA000100)

Logo **AMR** (CHA000100A)

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



Products warranty AMR & partners

WARRANTY DURATION

- > Log splitter - **AMR** : 2 years
- > SPLITOMAT - **AMR** : private : 2 years / professionnel : 1 year
- > QUATROMAT, TRIOMAT & SOLOMAT - **AMR** : private : 2 years / professionnel : 1 year
- > Circular log carriage saw / circular sliding table saw : 2 years
- > Band-saw : 1 year
- > Conveyor TMB - **AMR** : 2 years
- > Radio remote control - HBC : private : 2 years / professionnel : 1 year
- > Radio remote control - ELCA : 2 years
- > Grapple and other products - KTS : 1 year
- > Grapple and other products - FOREST MASTER : 1 year
- > Stones / wood fork - KTS : 1 year

The warranty is valid from the date of invoice.

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, composition and product developments .

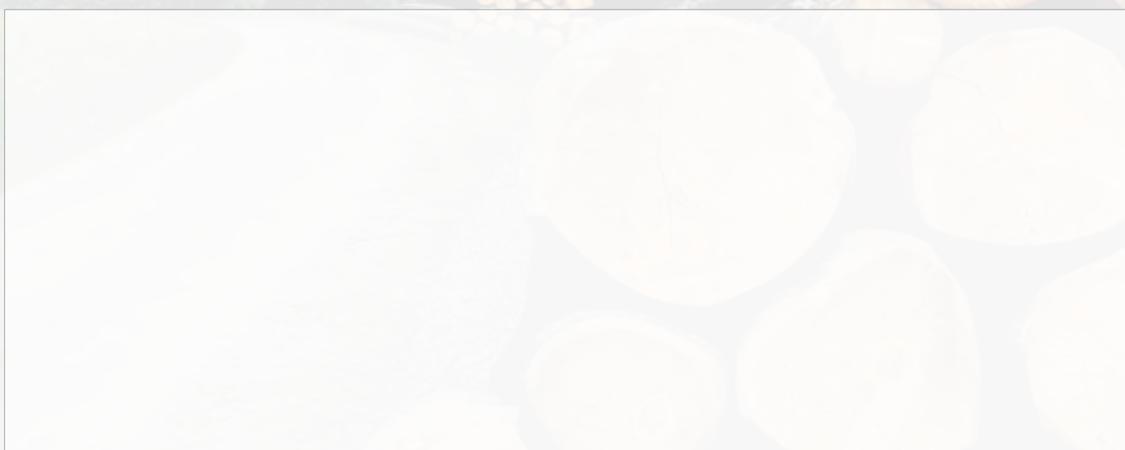
The product warranty is exclusive wear parts. References of use and recommended wood are indications and depend on the context and the materials used. Non-contractual photo.

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



YOUR DEALER



AMR - 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



You Tube