

BUGNOT

BUGNOT



Price List **AUGUST 2025**

Quality and Innovations since 1915





	EXPORT
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BALE HANDLERS





	EXPORT
VANNIER Pascal +33 6 12 99 77 26	

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SERBAL 145

SERBAL 145

For wrapped bales from 0,90 m to 1,45 m in diameter or for square bales thanks to its removable central handrail - Swivelling sections for a perfect adaptation to the bales diameter - 1 tightening jack - 1 double-action required - Weight: 180 kg - Maximum load: 1 000 kg

Designation	Reference	Euro *
Model	SERBAL145	
Adaptable attachment	A805	
Bolt-on adaptable attachment for Euro, Mailleux, Fauchaux, Skid-Steer, Weidemann	A805F	



SERBAL

SERBAL

For wrapped bales from 1,15 m to 1,70 m in diameter - Swivelling sections for a perfect adaptation to the bales diameter - 1 tightening jack - 1 double-action required
Weight: 200 kg - Maximum load: 1 200 kg

Designation	Reference	Euro *
Model	SERBAL	
Adaptable attachment	A805	



SERBAL XL PRO

SERBAL XL PRO

For round wrapped bales from 1,15 m to 1,70 m in diameter - Swivelling sections for a perfect adaptation to the bales diameter - 1 tightening jack - 2 hydraulic jacks to improve the tightening of the bales - Reinforced chassis - 1 double-action required - Weight: 206 kg - Maximum load: 1 500 kg

Designation	Reference	Euro *
Model	SERBAL XLPRO	
Adaptable attachment	A805	
Device for corn bales from 0.80 to 1.50 m	SERBAL XLS PRO	



**STRONGER
MORE EFFECTIVE**

SERBAL XXL

SERBAL XXL

For round wrapped bales from 1,30 to 2,00 m in diameter and rectangular wrapped bales with a length of 2 m maximum - Swivelling sections for a perfect adaptation to the bales - Optional: possibility to synchronise the clamps - Double chassis - 1 double-action required - Weight: 332 kg - Maximum load: 1 800 kg

Designation	Reference	Euro *
Model	SERBAL XXL	
Adaptable attachment	A805	
Bolt-on adaptable attachment for Euro, Mailleux, Fauchaux, Skid-Steer, Weidemann	A805F	
Optional: mechanical synchronization	OPSBXLSYNC	



Options SERBAL 145, SERBAL, SERBAL XL PRO and SERBAL XXL	Reference	Euro *
Check valve	CPILOTE	
1 set of semi-coupling females for MANITOU, NEW HOLLAND	OHY110	
1 set of semi-coupling (1 male + 1 female) for JCB	OHY109110	
1 set of semi-coupling (2 females) for MERLO	OHY144	
1 set of semi-coupling (1 male + 1 female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set of semi-coupling (2 males) for CLASS, KRAMER	OHY003	
Pressure reducing valve 220 bars	VVMP220/B/L534/TSS220	

* Not including VAT

SERQUAD 200 and 250

For loaders and telehandlers

SERQUAD 200	SERQUAD 250		
Opening of the grippers from 0,75 to 2,05 m - Weight: 455 kg - Maximum load: 1500 kg	Opening of the grippers from 1,15 to 2,60 m - Weight: 480 kg - Maximum load: 1800 kg		
1 double-action required - 2 tightening jacks - Attachment A805 (clamp and 3 point linkage) or bolt-on attachment A805 - Maximum using pressure 220 bars - The arm's slide is mounted on plastic rings			
Designation	Reference		Euro *
Serquad 200	SERQUAD200		
Serquad 250	SERQUAD250		
Adaptable attachment	A805		
Bolt-on adaptable attachment for Euro, Mailleux, Fauchaux, Skid-Steer, Weidemann	A805F		

SERPOT

SERPOT

1 double-action required - Pressure reducing valve in series
Opening with small sections from 0,50 to 0,90 m - Opening with large sections from 0,75 to 1,30 m
Weight: 180 kg - Maximum load: 800 kg

Désignation	Reference	Euro *	
Grab for Ø pots from 0,50 m to 0,90 m	SERBAL 130 POTPM		
Grab for Ø pots from 0,75 m to 1,30 m	SERBAL 130 POTGM		
Adaptable attachment	A805		
Bolt-on adaptable attachment for Euro, Mailleux, Fauchaux, Skid-Steer, Weidemann	A805F		
Set of sections Serpot : small models	SB13VOPOPM		
Set of sections Serpot : large models	SB13VOPOGM		

Options SERQUAD 200 and SERPOT	Reference	Euro *
Check valve	CPILOTE	
1 set of semi-coupling females for MANITOU, NEW HOLLAND	OHY110	
1 set of semi-coupling (1 male + 1 female) for JCB	OHY109110	
1 set of semi-coupling (2 females) for MERLO	OHY144	
1 set of semi-coupling (1 male + 1 female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set of semi-coupling (2 males) for CLASS, KRAMER	OHY003	
Pressure reducing valve 220 bars	VVMP220 / B / L534 / TSS220	

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UNSYNCHRONIZED HANDLERS

GRIFBAL

1 double-action required
Weight: 110 kg - Maximum load: 800 kg



GRIFBAL 2 tines

Grifbal	Reference	Euro *
Grifbal 2 tines	GRIFBAL2D	
Grifbal 3 tines	GRIFBAL3D	
Grifbal 4 tines	GRIFBAL4D	
Grifbal without grippers	GRIFBALM	
Adaptable attachment	A805	



GRIFBAL 4 tines
with bayonet tines holder
(option)
and protective screen
(option)



GRIFBAL 3 tines



GRIFBAL 4 tines



It is imperative
to precise
the equipment for
the adaptation
on the loader



Adaptable attachment A 805

Reference	Euro *
A805	



**Standard grippers
(2 tines)**
Ref. A811C

Clamp lenght 500 mm - height 490 mm



**Grippers for bales
Ø>1,60 m (3 tines)**
Ref. A809C

Clamp lenght 700 mm - height 670 mm



**Grippers for cubic bales
(4 tines)**
Ref. A810C

Clamp lenght 500 mm - height 1050 mm



Bayonet tines holder
Width 165 cm - tines Ø 35 mm
Tines length 820 mm
Useful length 680 mm

Reference	Euro *
CHPDB4DA	

Bayonet tines holder
Width 165 cm - tines Ø 35 mm
Tines length 1100 mm
Useful length 960 mm

Reference	Euro *
CHPDBD4D1100A	



Bayonet tines holder
Width 100 cm - tines Ø 35 mm
Tines length 820 mm
Useful length 680 mm

Reference	Euro *
CHPDB2DA	

Bayonet tines holder
Width 100 cm - tines Ø 35 mm
Tines length 1100 mm
Useful length 960 mm

Reference	Euro *
CHPDB2D1100A	

* Not including VAT

HIGH-LIFT BALE HANDLERS

ROTOLEV 1600



Superlifting: 1,60 m
Maximum load: 700 kg

Weight: 210 kg
2 double action required

Rotolev 1600	Reference	Euro *
Roto 1600 2 tines	ROTO 1600 2D	
Roto 1600 3 tines	ROTO 1600 3D	
Roto 1600 without clamps	ROTO 1600 M	
Adaptable attachment	A805	



Standard grippers (2 tines)
Ref. A811C



Grippers for bales Diam.>1,60 m (3 tines)
Ref. A809C



Grippers for cubic bales (4 tines)
Ref. A810C

ROTOLEV 2500S

For John Deere loader: put A805 extension



Superlifting: 2,50 m
Maximum load: 700 kg

Weight: 307 kg
2 double action required

Rotolev 2500S	Reference	Euro *
Roto 2500S 2 tines	ROTO 2500S 2D	
Roto 2500S 3 tines	ROTO 2500S 3D	
Roto 2500S 4 tines	ROTO 2500S 4D	
Roto 2500S without clamps	ROTO 2500SM	
Adaptable attachment	A805	

Model with options
TP and A810C

T 1800

Protective screen on option



Superlifting: 1,80 m
Maximum load: 700 kg

Weight: 270 kg
2 double action required

T 1800	Reference	Euro *
T 1800 2 tines	T1800 2D	
T 1800 3 tines	T1800 3D	
T 1800 4 tines	T1800 4D	
Rotolev 2500S without clamps	T1800M	
Adaptable attachment	A805	

T1290

High-lift

for 2 bales

(round or square)



* Not including VAT

T1290 (only the high-lift boom)

Superlifting up to 1,30 m

Possibility to adapt 2 Grifbal (Page 3), 2 Synchrogrif (Page 6),
2 Synchromix (Page 8) or 1 Duobal (Page 6)

1 double-action required for the overlifting and 1 or 2 double-action for the grippers

The grippers can be easy dismantled to use only one

Adaptable on all types of loaders with high efficient tractors

Very easy to assembly the grippers on the lift

Weight: 260 kg - Maximum load: 1 600 kg

Designation	Reference	Euro *
T1290 (high-lift chassis only)	T1290	
reinforced adaptable attachment	A805RE	
Check valve	CPILOTE	
Diverter valve 6 ways	ELEC6V	
Diverter valve 8 ways	ELEC8V	

Description and Options high-lift bale handlers

Unsynchronised grippers			Front loaders - Yard loaders			
			Round bales		Rectangular bales	
						
BUGNOT 			$\varnothing < 1,6 \text{ m}$	$1,5 < \varnothing < 2,0 \text{ m}$	$h = 1,2 \text{ m}$	$h = 0,8 \text{ m}$
Unsynchronized grippers	Grifbal	A811C				
		A809C				
		A810C				

High-lift bale handlers			Front loaders - Yard loaders			
			Round bales		Rectangular bales	
						
BUGNOT 			$\varnothing < 1,6 \text{ m}$	$1,5 < \varnothing < 2,0 \text{ m}$	$h = 1,2 \text{ m}$	$h = 0,8 \text{ m}$
Unsynchronized grippers	Rotolev 1600	A811C				
		A809C				
	Rotolev 2500 S	A811C				
		A809C				
	T1800	A811C				
		A809C				
		A810C				

Options for unsynchronised grippers	Reference	Euro *
Check valve	CPILOTE	
1 set of semi-coupling (2 females) for MANITOU	OHY110	
1 set of semi-coupling (1 male + 1 female) for JCB	OHY109110	
1 set of semi-coupling (2 females) for MERLO	OHY144	
1 set of semi-coupling for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set of semi-coupling (2 males) for CLASS, KRAMER	OHY003	
Pressure reducing valve 220 bars	VVMP220/B/L534/TSS220	

Options for high-lift bale handlers	Reference	Euro *
Diverter valve 6 ways (allows to control 2 cylinders from 1 double action)	ELEC6V	
Check valve	CPILOTE	
1 set of semi-coupling (2 females) for MANITOU	OHY110	
1 set of semi-coupling (1 male + 1 female) for JCB	OHY109110	
1 set of semi-coupling (2 females) for MERLO	OHY144	
1 set of semi-coupling (1 male + 1 female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set of semi-coupling (2 males) for CLASS, KRAMER	OHY003	
Pressure reducing valve 220 bars	VVMP220/B/L534/TSS220	



Adaptable attachment A 805

Reference	Euro *
A805	

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Protective screen
(only for GRIFBAL and T1800)



Reference	Euro *
GR2TAPR	

* Not including VAT

SYNCHRONIZED BALE HANDLERS



DUOBAL

2 round or cubic bales, synchronized grippers with 4 tines - 1 double-action required - Weight: 230 kg - Roll over framework included - Height of grippers 1500 mm - Clamp length 500 mm - Maximum load: 1 800 kg

Duobal	Reference	Euro *
Model with 600 mm arm	DUOBAL	
Model with 700 mm arm for bales (Ø) > 1,80 m	DUOBAL 700	
Adaptable attachment	A805	



SYNCHROGRIF 2 TINES

1 round or cubic bale, synchronized grippers with 2 tines - 1 double-action required - Weight: 180 kg - Roll over framework included - Height of grippers 490 mm - Clamp length 500 mm - Maximum load: 1200 kg

Synchrogrif + A811SYNC	Reference	Euro *
Model	SYNCHRO2 D	
Adaptable attachment	A805	



SYNCHROGRIF 3 TINES

1 round or cubic bale, synchronized clamps with 3 tines - 1 double-action required - Weight: 190 kg - Roll over framework included - Height of clamp 670 mm - Clamp length 700 mm - Maximum load: 1 200 kg

Synchrogrif + A809SYNC	Reference	Euro *
Model	SYNCHRO3 D	
Adaptable attachment	A805	



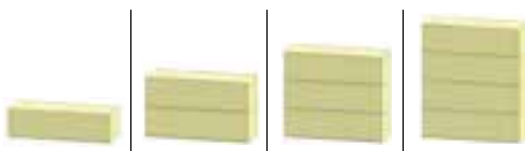
SYNCHROGRIF 4 TINES

1 round or cubic bale, synchronized grippers with 4 tines - 1 double-action required - Weight: 210 kg - Roll over framework included - Height of grippers 1 050 mm - Clamp length 600 mm Maximum load: 1 200 kg

Synchrogrif + A810SYNC	Reference	Euro *
Model	SYNCHRO4 D	
Adaptable attachment	A805	

* Not including VAT

Uses and Options Synchronised handlers

		Number of tines Ø 25 per arm	Round bales			Rectangular bales			
			 ◆ Ø < 1,6 m ◆ Ø < 1,8 m ◆ 1,5 < Ø < 2 m			 ◆ h = 0,8 m ◆ h = 0,9 m ◆ h = 1,0 m ◆ h = 1,2 m			
In grey: all the sizes of bales									
Duobal	A815SYNC ●	4							
	A817SYNC	4							
Synchrogrif	A811SYNC ●	2							
	A809SYNC ●	3							
	A810SYNC ●	4							
Synchrogrif 115	A811SYNC	2							
	A809SYNC	3							
	A810SYNC	4							

shorter tines for hemplength 265 mm
ref. : OPTDU2CHANVRE
for Duobal and Synchrogrif 4 tines – Price*: €



Adaptable attachment A805

Reference	Euro *
A805	



**It is imperative to precise
the equipment for the adaptation
on the loader**



Bayonet tines holder
Width 165 cm - tines Ø 35 mm
Tines length 820 mm
Useful length 680 mm

Reference	Euro *
CHPDB4DB	

Bayonet tines holder
Width 165 cm - tines Ø 35 mm
Tines length 1100 mm
Useful length 960 mm

Reference	Euro *
CHPDB4D1100B	



Bayonet tines holder
Width 100 cm - tines Ø 35 mm
Tines length 820 mm
Useful length 680 mm

Reference	Euro *
CHPDB2DB	

Bayonet tines holder
Width 100 cm - tines Ø 35 mm
Tines length 1100 mm
Useful length 960 mm

Reference	Euro *
CHPDB2D1100B	

Options for Synchrogrif, Duobal	Reference	Euro *
Check valve	CPILOTE	
1 set semi-coupling (2 females) for MANITOU	OHY110	
1 set semi-coupling (1 male + female) for JCB	OHY109110	
1 set semi-coupling (2 females) for MERLO	OHY144	
1 set semi-coupling (1 male + female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set semi-coupling (2 males) for CLASS, KRAMER	OHY003	
Pressure reducing valve 220 bars	VVMP220/B/L534/TSS220	

* Not including VAT

MIXED SYNCHRONIZED HANDLERS

Wrapped clamps and tine's grippers quickly interchangeable
1 model for 2 functions

SYNCHROMIX 2 TINES

Handler with grippers 2 tines and clamps for 1 wrapped round bale or rectangular bale
 Pressure reducing valve 220 bars in series. Maximum load with grippers with tines: 700 kg without bayonet tines holder
 Maximum load with clamps wrapped bale: 650 kg
 Roll over framework included - 273 kg - 1 double action required

	Synchromix 2D	Reference	Euro *
	Model + A811CRC + A808CR	SYNCHROM2D	
	Model with wrapped bale clamps only	SYNCHROMPE	
	Model with tine's grippers only	SYNCHROMGS2D	
	Adaptable attachment	A805	

SYNCHROMIX 3 TINES

Handler with grippers 3 tines and clamps for 1 wrapped round bale or rectangular bale
 Pressure reducing valve 220 bars in series. Maximum load with grippers with tines: 700 kg without bayonet tines holder
 Maximum load with clamps wrapped bale: 650 kg
 Roll over framework included - 287 kg - 1 double action required

	Synchromix 3D	Reference	Euro *
	Model + A809CRC + A808CR	SYNCHROM3D	
	Model with wrapped bale clamps only	SYNCHROMPE	
	Model with tine's grippers only	SYNCHROMGS3D	
	Adaptable attachment	A805	

SYNCHROMIX 4 TINES

Handler with grippers 4 tines and clamps for 1 wrapped round bale or rectangular bale
 Pressure reducing valve 220 bars in series. Maximum load with grippers with tines: 700 kg without bayonet tines holder
 Maximum load with clamps wrapped bale: 650 kg
 Roll over framework included - 305 kg - 1 double action required

	Synchromix 4D	Reference	Euro *
	Model + A810CRC + A808CR	SYNCHROM4D	
	Model with wrapped bale clamps only	SYNCHROMPE	
	Model with tine's grippers only	SYNCHROMGS4D	
	Adaptable attachment	A805	

	Grippers synchromix 2 tines A811CRC
Reference	Euro *
A811CRC	

	Grippers synchromix 3 tines A809CRC
Reference	Euro *
A809CRC	

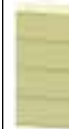
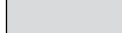
	Grippers synchromix 4 tines A810CRC
Reference	Euro *
A810CRC	

	Clamps synchromix wrapped bale A808CR
Reference	Euro *
A808CR	

* Not including VAT

Uses and Options

Mixed synchronised handlers

BUGNOT		Number of tines Ø 25 per arm	Wrapped bales	Round bales			Rectangular bales				
			Ø < 1,4 m	 Ø < 1,6 m  Ø < 1,8 m  1,5 < Ø < 2 m							
Synchronmix	A811CRC	2									
	A809CRC	3									
	A810CRC	4									
	A808CR	0									



Adaptable attachment A805

Reference	Euro *
A805	



It is imperative to precise the equipment for the adaptation on the loader



Bayonet tines holder
Width 165 cm - tines Ø 35 mm
Tines length 820 mm
Useful length 680 mm

Reference	Euro *
CHPDB4DB	

Bayonet tines holder
Width 165 cm - tines Ø 35 mm
Tines length 1100 mm
Useful length 960 mm

Reference	Euro *
CHPDB4D1100B	



Bayonet tines holder
Width 100 cm - tines Ø 35 mm
Tines length 820 mm
Useful length 680 mm

Reference	Euro *
CHPDB2DB	

Bayonet tines holder
Width 100 cm - tines Ø 35 mm
Tines length 1100 mm
Useful length 960 mm

Reference	Euro *
CHPDB2D1100B	

Options for Synchronmix	Reference	Euro *
Check valve	CPILOTE	
1 set semi-coupling (2 females) for MANITOU	OHY110	
1 set semi-coupling (1 male + female) for JCB	OHY109110	
1 set semi-coupling (2 females) for MERLO	OHY144	
1 set semi-coupling (1 male + female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set semi-coupling (2 males) for CLASS, KRAMER	OHY003	

* Not including VAT

MIXED SYNCHRONIZED HANDLERS BIBAL V

	BIBAL V2 (2x2 tines) With 2 clamps A811SYNC - Height: 49 cm Roll over framework included - 1 or 2 double action required Weight: 370 kg - Maximum load: 2 500 kg with bayonet tines holder (option)		
	Bibal V2 + 2 x A811SYNC	Reference	Euro *
	Model	BIBALV22D	
	Adaptable attachment	A805B	

	BIBAL V2 (2x3 tines) With 2 clamps A809SYNC - Height: 67 cm Roll over framework included - 1 or 2 double action required Weight: 387 kg - Maximum load: 2 500 kg with bayonet tines holder (option)		
	Bibal V2 + 2 x A809SYNC	Reference	Euro *
	Model	BIBALV23D	
	Adaptable attachment	A805B	

	BIBAL V2 (2x4 tines) With 2 clamps A810SYNC - Height: 105 cm Roll over framework included - 1 or 2 double action required Weight: 440 kg - Maximum load: 2 500 kg with bayonet tines holder (option)		
	Bibal V2 + 2 x A810SYNC	Reference	Euro *
	Model	BIBALV24D	
	Adaptable attachment	A805B	

	BIBAL V4 (2x4 tines) With 2 clamps A810SYNC - Height: 105 cm Roll over framework included - 1 or 2 double action required Weight: 460 kg - Maximum load: 2 800 kg with bayonet tines holder (option)		
	Bibal V4 + 2 x A810SYNC	Reference	Euro *
	Model	BIBALV44D	
	Adaptable attachment	A805B	

	BIBAL V4 (2x4 tines) With 1 clamp A815SYNC 4 tines - Height: 150 cm and 1 clamp A810SYNC 4 tines - Height: 100 cm Roll over framework included - 1 or 2 double action required Weight: 520 kg Maximum load: 2 800 kg with bayonet tines holder (option)		
	Bibal V4 + 1 x A815SYNC + 1 x A810SYNC	Reference	Euro *
	Model	BIBALV4815	
	Adaptable attachment	A805B	

* Not including VAT

Uses and Options for BIBAL V

			Number of tines Ø 25 per arm	Round bales	Rectangular bales
				 Ø < 1,6 m  Ø < 1,8 m  1,5 < Ø < 2 m	 h = 0,8 m  h = 0,9 m  h = 1,0 m  h = 1,2 m
Bibal V2	2 x A811SYNC	●	2		
	2 x A809SYNC	●	3		
	2 x A810SYNC	●	4		
Bibal V4	2 x A810SYNC	●	4		
	A810SYNC + A815SYNC	●	4		



Adaptable attachment A805B

Reference	Euro *
A805B	



It is imperative to precise the equipment for the adaptation on the loader

	
Bayonet tines holder Width 165 cm - tines Ø 35 mm Tines length 820 mm Useful length 680 mm	
Reference	Euro *
CHPDB4DC	
Bayonet tines holder Width 165 cm - tines Ø 35 mm Tines length 1100 mm Useful length 960 mm	
Reference	Euro *
CHPDB4D1100C	

	
Bayonet tines holder Width 100 cm - tines Ø 35 mm Tines length 820 mm Useful length 680 mm	
Reference	Euro *
CHPDB2DC	
Bayonet tines holder Width 100 cm - tines Ø 35 mm Tines length 1100 mm Useful length 960 mm	
Reference	Euro *
CHPDB2D1100C	

Options for Bibal V2, Bibal V4	Reference	Euro *
Diverter valve 6 ways (allows to control 2 cylinders from 1 double action)	ELEC6V	
Check valve	CPILOTE	
1 set of semi-coupling (2 females) for MANITOU	OHY110	
1 set of semi-coupling (1 male + 1 female) for JCB	OHY109110	
1 set of semi-coupling (2 females) for MERLO	OHY144	
1 set of semi-coupling (1 male + 1 female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set of semi-coupling (2 males) for CLASS, KRAMER	OHY003	
Pressure reducing valve 220 bars	VVMP220 / B / L534 / TSS220	
Independent locking kit and simultaneous opening	ELEC6VOUVSIM	
Closing kit for low clamp and then top clamp and simultaneous opening	GR3HYSYN2	

* Not including VAT

PICFIX - REPLIFIX

FOR LOADERS WITH COUPLING HEAD with attachment type European - Mailleux - Fauchex (white coupling head)
- Weidemann - Schäffer Meca - Schäffer Hydrau - Rear 3 point linkage

PICFIX

Model fitted with fixed tines (Ø 35 mm) with a length of 1 100 mm (950 mm useful) - Space between the tines: 950 mm
Weight: 60 kg (depending attachment) - Maximum load: 700 kg
precise the attachment brand at the order

Designation	Reference	Euro *
Model with tines 1 100 mm	PICFIX1100	
Model with tines 820 mm	PICFIX820	
Roll over framework	PICTAPR/N	
Option 3rd additionnal tine 1 100 mm	OPTGR35L1100DD	
Option 3rd additionnal tine 820 mm	OPTGR35L0820DD	



FOR LOADERS WITH COUPLING HEAD with attachment type European - Mailleux - Fauchex (white coupling head)
- Weidemann - Skid Steer

REPLIFIX

Model fitted with folding tines (Ø 35 mm) with a length of 1 100 mm (950 mm useful) - Weight: 70 kg (depending attachment)
Maximum load: 700 kg - Space between the tines: 860 or 958 mm
precise the attachment brand at the order

Designation	Reference	Euro *
Model with tines 1 100 mm	REPLIFIX1100	
Model with tines 820 mm	REPLIFIX820	
Roll over framework	PICTAPR/N	



MANIPIC

FOR TELEHANDLERS: Manitou - JCB Qfit - JCB Tool carrier - Merlo - Caterpillar - Class - Deutz - FDI Sambron - Matbro - New Holland - Skid Steer - Euro - Dieci

MANIPIC

Model fitted with 2 fixed tines (Ø 45mm) with a length of 1 160 mm (990 mm useful) - Weight: 85 kg - Maximum load: 1000 kg
Distance between the tines: 1,12 m
precise the attachment brand at the order

Designation	Reference	Euro *
Model with tines 1 600 mm	MANIPIC 1100	
Option 3rd additional tine 1 160 mm	OPTGR42L1160DF	
Model with tines 960 mm	MANIPIC 960	
Option 3rd additional tine 960 mm	OPTGR42L0960DF	



Possibility to fit with tines Ø 45 mm with a length of 960 mm (it means 790 mm useful). Please to let us know at the order.

* Not including VAT

MANIPIC XL



Technical specifications

- 4 tines with 45 mm diameter (it means 990 mm useful)
- Height: 2 325 mm
- Width: 1 800 mm
- Weight following to the attachment: about 230 kg
- Maximum load at 500 mm: 2 000 kg
- Tine's angle: 0 to 20°

MANIPIC XL

Model fitted with 4 folding tines
Weight: 230 kg - Maximum load: 2 000 kg

Designation	Reference	Euro *
Manipic XL 1100	MANIPICXL	
Manipic XL 960	MANIPICXL 960	
Manipic XL sans réhausse	MANIPICXL 1100SR	
Bolt on adaptable attachment	A805B	
Adaptable attachment	A805BATT3P	



Possibility to fit with tines Ø 45 mm with a length of 960 mm (it means 750 mm useful). Please to let us know at the order.

* Not including VAT

CAROLEV FRONTAL HY

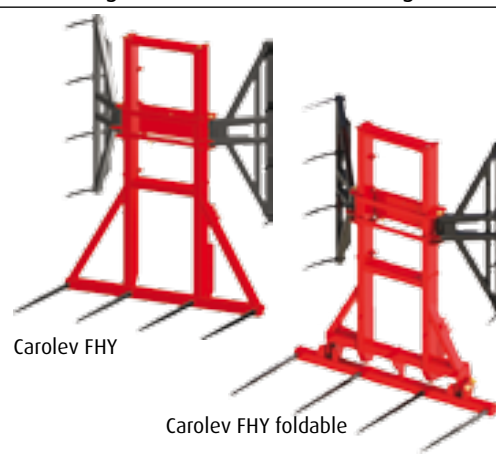
CAROLEV FRONTAL HY

3 square bales of 1,20 m – 4 square bales of 80 or 90 cm – 5 square bales of 70 cm

Fitted with 4 tines Ø 45 mm at the bottom and with a hydraulic clamp (2x4 tines) at the top in order to hold the bales
The clamp is mechanically adjustable (4 working positions spaced out by 300 mm)

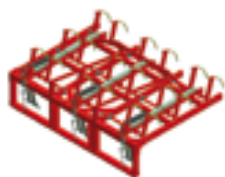
Carolev FHY: total height: 2944 mm - height of the frame: 2310 mm - total width: 1878 mm - weight without attachment: 387 kg - maximum load: 2000 kg – **Carolev FHY foldable:** total height: 2980 mm - height of the frame: 2345 mm - total width: 2060 mm - weight without attachment: 445 kg - maximum load: 2000 kg

Designation	Reference	Euro *
Model with fixed lower tine holder	CAROLEV FHY	
Model with folding lower tine holder	CAROLEV FHY REP	
Bolt-on reinforced adaptable attachment	A805BFHY	
Attachment 3 point linkage – CAT 2	A805 ATT 3P	
Check valve	CPILOTE	
1 set of semi-coupling females for MANITOU	OHY110	
1 set of semi-coupling (1 male + 1 female) for JCB	OHY109110	
1 set of semi-coupling (2 females) for MERLO	OHY144	
1 set of semi-coupling (1 male + 1 female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set of semi-coupling (2 males) for CLASS, KRAMER	OHY003	



CAROLEV 3603

CAROLEV 3603

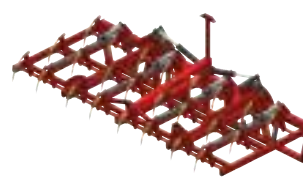


Adaptable on all types of heavy loaders or telehandlers
Handler for 3 square bales of 1,20 m width
3 cylinders driven by 3 vertical independent paddles
Simultaneous opening of the clamps
Width: 2,95 m
Adaptable attachment easy detachable
Maximum load: 2 100 kg - Weight: 790 kg

Designation	Reference	Euro *
Model	CAR03603	

CAROLEV 4804

CAROLEV 4804



Adaptable on all types of heavy loaders or telehandlers
Handler for 4 square bales of 1,20 m width
4 cylinders driven by 4 vertical independent paddles
Simultaneous opening of the clamps
Vertical folding road condition - Width: 2,50 m
2 double-action required - Adaptable attachment easy detachable - Weight: 1 390 kg
Working width 4,50 m - Maximum load: 2 800 kg

Designation	Reference	Euro *
Model	CAR04804	

Options for Carolev 3603 and Carolev 4804	Reference	Euro *
Bolt-on reinforced adaptable attachment	A805BR	
ELEC 6V	ELEC 6V	
Check valve	CPILOTE	
1 set of semi-coupling (2 females) for MANITOU	OHY110	
1 set of semi-coupling (1 male + 1 female) for JCB	OHY109110	
1 set of semi-coupling (2 females) for MERLO	OHY144	
1 set of semi-coupling (1 male + 1 female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 jeu de demi-coupleurs (2 mâles) pour CLASS, KRAMER	OHY003	
Pressure reducing valve 220 bars	VVMP220/B/L534/TSS220	

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GRAB for BRANCHES and WOOD



Technical specifications

- Opening width: 1 100 mm
- Grab's width: 250 mm
- Grab's weight: 250 kg
- Length from the arm to the axle of the attachment: 1 000 mm
- Lateral moving: - 300 mm to + 300 mm
- 2 double-action required
- Lifting capacity: 1 000 kg

Designation	Reference	Euro *
Forestry grab	GRAF2	
Forestry grab with Rotator	GRAF2 ROTA	
Adaptable attachment	A805B	
Diverter valve 6 ways	ELEC6V	
Diverter valve 8 ways	ELEC8V	
1 set of semi-coupling (2 females) for MANITOU	OHY110	
1 set of semi-coupling (1 male +1 female) for JCB	OHY109110	
1 set of semi-coupling (2 females) for MERLO	OHY144	
1 set of semi-coupling (1 male +1 female) for CATERPILLAR, GEHL, BOBCAT, MASSEY	OHY146147	
1 set of semi-coupling (2 males) for CLASS, KRAMER	OHY003	
Pressure reducing valve 220 bars	VVMP220/B/L534/TSS220	
Locking of the lateral moving		

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SWEEPERS



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ROAD SWEEPER - WASTE COLLECTOR



Technical specifications CITÉNEO

- Hydraulic sweeper towed behind tractor
- Hydraulic power station (30 l/min) with electric distributor 5 Double Action elements
- Driven by 540 rpm power take-off
- Polypropylene polyester brush width 1200 mm
- Brush diameter 600 mm
- Side brush, diameter 900 mm
- Vertical and lateral adjustment of the curb brush through hydraulic cylinders
- 300 liter collection waste
- Waste dumping height: 2 m
- Watering system with 170 liter water tank
- One front wheel and two rear wheels for a working position and a transport position
- Dimensions L x W x H: 3.54 x 1.95 x 1.10 m
- Weight : 1300 kg

Reference	Euro *
CITENEO	



Technical specifications BR 250

- Working width: 2,50 m
- Polypropylene brush: 600 mm in diameter (brushes + spacers)
- Waste collector of 450 l with hydraulic control lock
- Powered by hydraulic motor 30l/min minimum
- Adaptable on telehandlers arm and front loader with automatic linkage
- Possibility of 3 point linkage

Type	Reference	Euro *
Standard road sweeper	BR 250	
Steel side brush	BR 250 BL	
Watering	BR 250 AR	

Options BR 250	Reference	Euro *
Adaptable hitch for loader equipped with automatic hitch adapter (specify brand and type)	A 805	
1 set of 2 male half-couplers for Manitou™ (extra)	BR 250 DCM	
1 set of 2 half-couplers (1 male + 1 female) for JCB™ (extra)	BR 250 DCJCB	

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ROAD SWEEPER BA 200 - BA 250



Technical specifications

- Polypropylene-polyester horizontal brush – Ø 600 mm, mounted on a steel hub
- Brush drive by 2 hydraulic motors, located at each end and integrated into the rotor
- Integrated waste collector that can be raised to work in swathing
- Possibility to adjust the angle of the brush on the right and on the left
- Possibility of offset to be able to unbalance the sweeper from the tractor

	BA 200 Working width: 2,00 meters		BA 250 Working width: 2,50 meters	
	Reference	Euro *	Reference	Euro *
Sweeper with rear 3 point linkage – mechanical adjustable angle and mechanical offset	BA200 MP		BA250 MP	
Sweeper with front linkage for front loaders or telehandlers - mechanical adjustable angle and mechanical offset	BA200 MAV		BA250 MAV	
Sweeper with rear 3 point linkage – angle adjustment and offset by hydraulic cylinders	BA200 HYP		BA250 HYP	
Sweeper with front linkage for front loaders or telehandlers - angle adjustment and offset by hydraulic cylinders	BA200 HYAV		BA250 HYAV	
Optional : steel side brush, Ø 700 mm, driven by hydraulic motor	BA200 BL		BA250 BL	
Price reduction for non-supply of the waste collector on the sweeper with 3 point linkage attachment	MIBA20P3P		MIBA25P3P	
Price reduction for non-supply of the waste collector on the sweeper with front loader attachment	MIBA20AVT		MIBA25AVT	

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ROAD SWEEPER BAE



Waste collector for BAE
(in option)

Technical specifications

- Powered by hydraulic motor (20 to 40 l/min minimum)
- Brush Ø 510 mm
- 3 point linkage with n° 1 or n° 2 categories or attachment for front loaders and telehandlers (please take adaptable attachment A 805 in option if needed)
- 2 swivelling and height adjustable wheels (only 1 for BAE 120 and BAE 140)
- Mechanical adjustment of the brush angle
- Mechanical and adjustable angle of the brush mechanical on the left or the right
- Anti-projection screen (optional)

Type	Working width (cm)	With polypropylene brush		With polypropylene and polyester brushes	
		Reference	Euro *	Reference	Euro *
BAE 120	120	BAE 120 P		BAE 120 PP	
BAE 140	140	BAE 140 P		BAE 140 PP	
BAE 160	160	BAE 160 P		BAE 160 PP	
BAE180	180	BAE 180 P		BAE 180 PP	
BAE 200	200	BAE 200 P		BAE 200 PP	

Options BAE	Reference	Euro *
Adaptable attachment for loader fitted with automatic coupling (please specify the brand and type) + 2 control wheels	A805DRC	
Steel side brush - Ø 500 mm - hydraulic engine drive	BAE BL	
Waste collector for BAE 120, BAE 140 and BAE 160	BAE PTB	
Waste collector for BAE 180 and BAE 200	BAE GDB	
Hydraulic adjustment of the brush angle	BAE VRA	
Anti-projection screen (lateral brush face)	BAE EAP	
2 nd adjustable wheel for BAE 120 and BAE 140	BAE RC	
Blade for silage BAE 120, BAE 140 and BAE 160	BAE LN1	
Blade for silage BAE 180 and BAE 200	BAE LN2	

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Expert Range

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AGRICULTURAL AND SOIL MACHINERY



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RAPIDMULCH



Technical specifications

The Rapid Mulch is a mounted machine which folds hydraulically. It can be used alone or behind our semi-mounted soil machinery

The distance of the four rows of tines associated with a 750 mm spring allows a quality and homogeneity of the spreading of the straw

The 16 mm diameter of the tines and their rigidity help to better break down the composition of the stubble and loose straw

The hydraulic regulation of the angle of the tines from the driver's cab allows the driver to adapt the quality of work according to the speed and conditions of ground (no control wheel on the models 6 m and 6,60 m)

Type	Working width (m)	Number of tines	Weight (kg)	Power (hp)	Euro *
RM 600	6,00	80	1 640	90 / 110	
RM 660	6,60	88	1 800		
RM 720	7,20	96	2 050	100 / 130	
RM 780	7,80	104	2 100		
RM 840	8,40	112	2 310	130 / 160	
RM 900	9,00	120	2 420		

Options		
Type	Référence	Euro HT
Frontal linkage	OPTRMUATPOUSS	
Back linkage for added roller	CROCHET. AR	
Front and rear road signs	OPTSIGNARMU	
Rear traffic lights	OPTSIGNARMUARFEUX	

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REVERSIBLE RAPIDLAB 6 to 9 FURROWS



Technical specifications

- Height: 150 cm
- Distance between furrows: 70 cm
- Furrow's width: 38 cm
- Head shaft turnover: Ø 140 mm
- Frame 120 × 120 mm with doubled beam
- Hydraulic auto-reset safety: diameter of the jack 50 mm
- Hydro pneumatic accumulator: 4 L
- Standart chassis with 6 furrows
- Rear extension: 1, 2 or 3 furrows
- Hydraulic plough alignment in series
- Bugnot turnover through a double chain: smooth use and precision
- Control wheel and transport 700 × 12 (12 ply)



Options (the pair)	Reference	Euro * (the pair)
Carbide points	OPTPOINTECARB	
Trashboard 45°	OPTDEFL 45	
Trashboard 37°	OPTDEFL 37	
Skimmer 37° et 45°	OPTRASETTE	
Plastic mouldboards 45°	OPTVERPLA 45	
Plastic mouldboards 37°	OPTVERPLA 37	
Slatted mouldboards 45°	OPTVERSCV 45	
Slatted mouldboards 37°	OPTVERSCV 37	
Bolt-on wings 45° and 37°	OPTAILBLSTD	
Mouldboard extension 45°	OPTALVE 45	
Mouldboard extension 37°	OPTALVE 37	
Rear shares 45°	OPTLAMEAR 45	
Rear shares 37°	OPTLAMEAR 37	
Carbide shares 45°	OPTLAME45 CARB	
Carbide shares 37°	OPTLAME37 CARB	
Option: wide wheel 320/60 x12	OPTROUELARGERAB	
Front wheel	OPTRSJAV	
Option : Sub-soiler coulter 8 cm		
Option : Sub-soiler coulter 15 cm		

Number of furrows	Working width (m)	Reference	Weight (kg) "NON-STOP" auto-reset safety	Price with hydraulic "NON-STOP" auto-reset safety Euro *	Reference	Weight (kg) shear bolt safety	Price with shear bolt safety Euro *
6	2,29	RLT6H6CR 45	1 850		RLT6B6CR 45	1 660	
		RLT6H6CR 37			RLT6B6CR 37		
7	2,67	RLT6H7CR 45	1 990		RLT6B7CR 45	1 775	
		RLT6H7CR 37			RLT6B7CR 37		
8	3,05	RLT6H8CR 45	2 135		RLT6B8CR 45	1 895	
		RLT6H8CR 37			RLT6B8CR 37		
9	3,43	RLT6H9CR 45	2 280		RLT6B9CR 45	2 015	
		RLT6H9CR 37			RLT6B9CR 37		

* Not including VAT

REVERSIBLE RAPIDLAB 9 to 12 FURROWS



Technical specifications

- Height: 150 cm
- Distance between furrows: 70 cm
- Furrow's width: 38 cm
- Head shaft turnover: Ø 140 mm
- Frame 120 × 120 mm with doubled beam
- Hydraulic auto-reset safety: diameter of the jack 50 mm
- Hydro pneumatic accumulator: 4 L
- Standart chassis with 9 furrows
- Rear extension: 1, 2, or 3 furrows
- Hydraulic plough alignment in series
- Bugnot turnover through a double chain: smooth use and precision
- Control wheel and transport 700 × 12 (12 ply)



Options (the pair)	Reference	Euro * (the pair)
Carbide points	OPTPOINTECARB	
Trashboard 45°	OPTDEFL 45	
Trashboard 37°	OPTDEFL 37	
Skimmer 37° et 45°	OPTRASETTE	
Plastic mouldboards 45°	OPTVERPLA 45	
Plastic mouldboards 37°	OPTVERPLA 37	
Slatted mouldboards 45°	OPTVERSCV 45	
Slatted mouldboards 37°	OPTVERSCV 37	
Bolt-on wings 45° and 37°	OPTAILBLSTD	
Mouldboard extension 45°	OPTALVE 45	
Mouldboard extension 37°	OPTALVE 37	
Rear shares 45°	OPTLAMEAR 45	
Rear shares 37°	OPTLAMEAR 37	
Carbide shares 45°	OPTLAME45 CARB	
Carbide shares 37°	OPTLAME37 CARB	
Option: wide wheel 320/60 x12	OPTROUELARGERAB	
Front wheel	OPTRSJAV	
Option : Sub-soiler coulter 8 cm		
Option : Sub-soiler coulter 15 cm		

Number of furrows	Working width (m)	Reference	Weight (kg) "NON-STOP" auto-reset safety	Price with hydraulic "NON-STOP" auto-reset safety Euro *	Reference	Weight (kg) shear bolt safety	Price with shear bolt safety Euro *
9	3,43	RLT9H9CR 45	2278		RLT9B9CR 45	2 015	
		RLT9H9CR 37			RLT9B9CR 37		
10	3,81	RLT9H10CR 45	2 410		RLT9B10CR 45	2 120	
		RLT9H10CR 37			RLT9B10CR 37		
11	4,19	RLT9H11CR 45	2 542		RLT9B11CR 45	2 230	
		RLT9H11CR 37			RLT9B11CR 37		

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CONVENTIONAL ON LAND PLOUGH TYPE RAPID LAB



Technical specifications

- 1 depth adjusting wheel from 8 to 10 furrows – fixed chassis
- 2 depth adjusting wheels on folding chassis
- Adjustable from 8 to 10 furrows on fixed chassis and from 10 to 14 furrows on folding chassis
- Furrows from 11 inches (30 cm)
- Distance between the furrows: 60 cm
- Under-beam clearance: 65 cm

	Number of furrows	Working width (m)	Reference	Weight (kg)	Euro*	Reference	Weight (kg)	Euro*	Reference	Weight (kg)	Euro*
			« Non-stop » auto-reset safety			Shear bolt safety			Hydraulic safety		
Unfolding	8	2,23	RPNS8FCP 45	1 408		RPB8FCP 45	1 342		RPH8FCP 45		
			RPNS8FCP 37			RPB8FCP 37			RPH8FCP 37		
	9	2,51	RPNS9FCP 45	1 479		RPB9FCP 45	1 404		RPH9FCP 45		
			RPNS9FCP 37			RPB9FCP 37			RPH9FCP 37		
	10	2,79	RPNS10FCP 45	1 550		RPB10FCP 45	1 467		RPH10FCP 45		
			RPNS10FCP 37			RPB10FCP 37			RPH10FCP 37		
Folding	10	2,79	RPNS10RCP 45	1 879		RPB10RCP 45	1 800		RPH10RCP 45		
			RPNS10RCP 37			RPB10RCP 37			RPH10RCP 37		
	11	3,07	RPNS11RCP 45	1 950		RPB11RCP 45	1 863		RPH11RCP 45		
			RPNS11RCP 37			RPB11RCP 37			RPH11RCP 37		
	12	3,35	RPNS12RCP 45	2 021		RPB12RCP 45	1 926		RPH12RCP 45		
			RPNS12RCP 37			RPB12RCP 37			RPH12RCP 37		
	13	3,63	RPNS13RCP 45	2 092		RPB13RCP 45	1 989		RPH13RCP 45		
			RPNS13RCP 37			RPB13RCP 37			RPH13RCP 37		
	14	3,91	RPNS14RCP 45	2 163		RPB14RCP 45	2 052		RPH14RCP 45		
			RPNS14RCP 37			RPB14RCP 37			RPH14RCP 37		

Options (unit)	Euro*	Options (unit)	Euro*	Options (unit)	Euro*
Hydraulic tilt control DEVERSHYDRORAPP		Trashboard (unit): KITDFLV6068D (45°) KITDFL37 DR (37°)		Plastic mouldboard 45° 6238	
Hydraulic «NON-STOP» auto-reset safety (per furrow) SECHYDRAUNSRAPP		Carbide share 6060 PTA 45		Mouldboard extension: RABALVE 45	
		Carbide share 6076 PTA 37		Mouldboard extension: RABALVE 37	
Depth adjusting wheel: RGIROJA		Rear share with horizontal cutting share OPT CR 37 LAR		Bolt-on wing: 6088	
tungsten carbide point					



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STONE CRUSHERS AND FORESTRY MULCHERS



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MOUNTED STONE RAKE



	Number of tines	Power required	Rotor width (m)	Working width	Transport width (m)	Drive system	Euro *
ALI4H84	84	60 HP PTO 540 rpm	4,00	3,70 à 3,90	2,50	hydraulic motor and chains	
ALI4H110	110		4,00	3,70 à 3,90	2,50		
ALI4H162	162		4,00	3,70 à 3,90	2,50		
ALI4PT84	84	70 HP PTO 540 rpm	4,00	3,60 à 3,80	3,50	Hydraulic power station PTO drive	
ALI4PT110	110		4,00	3,60 à 3,80	3,50		
ALI4PT162	162		4,00	3,60 à 3,80	3,50		

Rotor 4 m	Rotor 5 m	Working depth	Working speed	Size of the stones (mini - maxi)
84 TINES	104 TINES	5 cm	3 km/h	60 mm - 300 mm
110 TINES	138 TINES	3 cm	6 km/h	40 mm - 300 mm
162 TINES	202 TINES	0 cm	8 km/h	30 mm - 300 mm

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SEMI-MOUNTED AND IN V STONE RAKE



	Number of tines	Power required	Rotor width (m)	Working width	Transport width (m)	Drive system	Euro *
ALI4SP84	84	70 HP PTO 540 rpm	4,00	3,20 à 3,80	2,50	hydraulic motor mounted directly on the rotor	
ALI4SP110	110		4,00	3,20 à 3,80	2,50		
ALI4SP162	162		4,00	3,20 à 3,80	2,50		
ALI5SP104	104	80 HP PTO 1 000 rpm	5,00	4,00 à 4,80	2,50		
ALI5SP138	138		5,00	4,00 à 4,80	2,50		
ALI5SP202	202		5,00	4,00 à 4,80	2,50		
ALIV	2 x 96	250 HP PTO 1 000 rpm	2 x 3,50	7,88	3,00	hydraulic motors for the rake and PTO for the crusher	
On SP (semi mounted): option - manual wheel lock			OPTALISPROADMA				
On SP (semi mounted): option - hydraulic wheel lock			OPTALISPROADHY				

Rotor 4 m	Rotor 5 m	Working depth	Working speed	Size of the stones (mini - maxi)
84 TINES	104 TINES	5 cm	3 km/h	60 mm - 300 mm
110 TINES	138 TINES	3 cm	6 km/h	40 mm - 300 mm
162 TINES	202 TINES	0 cm	8 km/h	30 mm - 300 mm

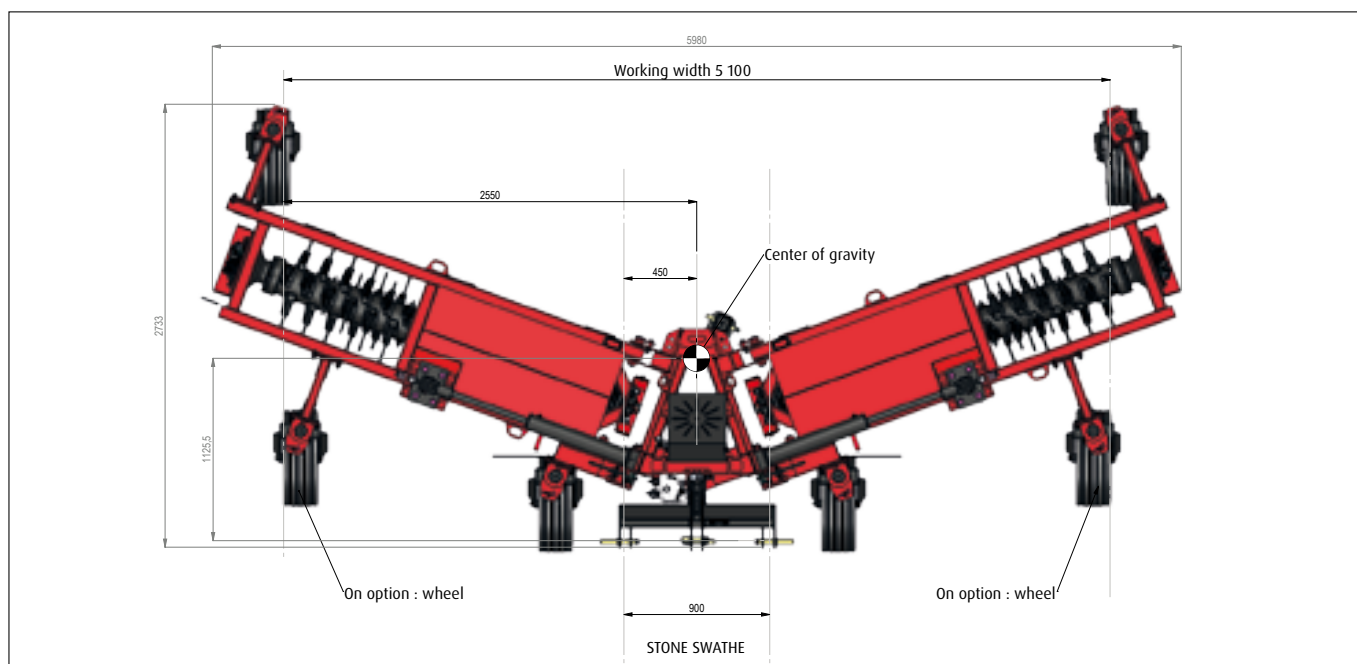
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FRONT MOUNTED AND IN V STONE RAKES



Technical specifications

- 4 or 6 control wheels 200-60 x 14,5
- 2 piston engines of 857 cm³ bolted on the rotor
- Oil flow from 100 to 160 l/min
- Maximum pressure : 250 Bars
- 1 air/oil exchanger
- Weight : 1 980 kg with 4 wheels and 2 190 kg with 6 wheels
- Rotor diameter : 720 mm – 2,25 m with 62 removable treated steel tines 50x16 mm
- 1 double-action required for the folding
- 1 double-action required for the rotors
- 1 high flow hydraulic return



	Working width (m)	References	Euro HT
Front stone rake – 4 wheels – 2 x 62 tines	5,1	ALIVP 5.1	
Front stone rake – 6 wheels – 2 x 80 tines	6,2	ALIVP 6.2	
Option : 6 wheels instead of 4 wheels			
Hydraulic block to use only 1 double-acting distributor (this requires a 12-volt socket)			
Protective screen for rear hitch			

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BPVE and LAVANDINS

- Stone crushers with a working width of 68 cm or 90 cm driving by PTO or hydraulic motors (63 cm³)
- Same functioning as the BP 138 and BP 140
- Exceptional capacity of grinding

For stone crushers driven by hydraulic motor: minimum 60 l/min - maximum 100l/min and from 250 and 400 bars



BPVE68 hydraulic drive



BPVE90 PTO drive



BPVE90 offset
Working on the side of the tractor



BPVE90 on either side - Double stone crushers

Reinforced hammers: ref. MASRE105F
Hammers with carbid 2P Big: ref. MAS2P105F

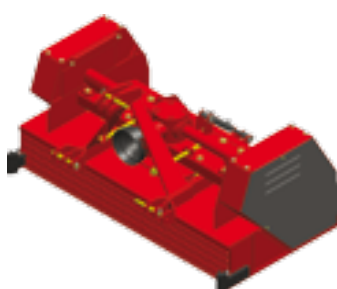
Type	Use		Power absorbed (hp)	Maximum transmissible power (hp)	Total width (m)	Rotor width (m)	Number of hammers (105 mm)	Drive	Belts	Price without hammers (€)	Reinforced hammers (202 €)	Hammers with carbid 2P Big (410 €)	Approximate weight (kg)
BPV068FPH	Vineyard tractor or midi excavator	steel plate fixation	35	50	0,68	0,45	4	hydraulic motor	4SPB				468
BPV090FPH	Vineyard tractor or midi excavator	steel plate fixation	50	100	0,90	0,66	6	hydraulic motor	5SPB				625
BPV0903PT	PTO in axis	3 points - right of the center	50	100	0,90	0,66	6	PTO 540 or 1 000 rpm	5SPB				695
BPV0903PDEPORT	PTO on the side	3 points input of center	50	100	0,90	0,66	6	PTO 540 or 1 000 rpm	5SPB				792
BPV0903PDOUBLE	Double stone crushers	3 point linkage	100	200	2 x 0,90	2 x 0,66	12	PTO 540 or 1 000 rpm	2 x 5SPB				1 588
BPV0903PDOUBLEC CANNE À SUCRE	Double stone crushers	3 point linkage	100	200	2 x 0,90	2 x 0,66	12	PTO 540 or 1 000 rpm	2 x 5SPB				1 823

Type	Option hydraulic door	Adjustable extensions
BPV068FPH	Not available	€ Pair
BPV090FPH	Not available	€ Pair
BPV090 3PT	€	€ Pair
BPV0903PDEPORT	€	€ Pair
BPV0903PDOUBLE	€	€ Two Pairs

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STONE CRUSHERS

BP 115 to BP 190



TECHNICAL SPECIFICATIONS

Type	Use	Power (hp)		Total width (m)	Rotor width (m)	Hammers		PTO (rpm)	Drive	Belts	Approximate weight (kg)
		absorbed	maximum transmission			number	width (mm)				
BP 115	Agricultural use	50	100	1,22	0,78	4	188	540 or 1 000	simple	4 SPB	900
BP 138				1,45	1,00	6		540 or 1 000		5 SPB	1 000
BP 140		60	140	1,45	1,00		105		1 000	double	2 x 4 SPB
BP 190		80	160	1,92	1,50	12		2 x 5 SPB			1 480

Type	Number of hammers	Euro *			
		Price without hammers Euro*	Reinforced hammers 188 mm - MASRE188F (€)	Hammers fitted with 3 tungsten carbide - 188 mm 3 plots - MAS3P188F (€)	Hammers 3P Big 188 mm - MAS3PBIG188F (€)
BP 115	4 of 188 mm				
BP 138	6 of 188 mm				
BP 140					

Type	Number of hammers	Price without hammers Euro*	Reinforced hammers 105 mm - MASRE105F (€)	Hammers fitted with 2 tungsten carbide points Big 105 MAS2P105F (€)
BP 190	12 of 105 mm			

Options	References	Euro *
Hydraulic opening of the cover for BP 115 - BP 138 - BP 140 - BP 190	OPTCAPOTHYDR	
Vibration hours counter	ZZ0141	
Electronic hours counter	DI031BIS	

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AGRICULTURAL STONE CRUSHERS

BP 144 to BPE 300



TECHNICAL SPECIFICATIONS

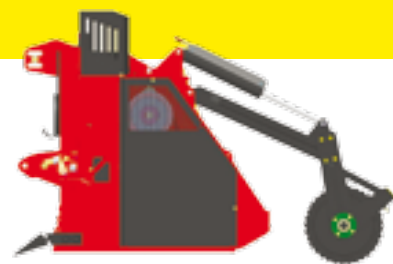
Type	Use	Power (hp)		Total width (m)	Rotor width (m)	Hammers		PTO (rpm)	Drive	Belts	Approximate weight (kg)
		absorbed	maximum transmission			number	width (mm)				
BPE 144	Agricultural use	70	250	1,49	1,01	6	188	1 000	double	2 x 5 XPC	1 900
BPE 194		90 - 100	250	1,98	1,50	8					2 300
BPE 244		150	250	2,47	1,99	12					2 700
BPE 245		150	350	2,47	1,99	12				2 x 6 XPC	2 830
BPE 300		180	350	2,96	2,48	14					3 230

Type	Anvil type	Number of hammers	Euro *			
			Price without hammers Euro *	Reinforced hammers 188 mm - MASRE188F €	Hammers fitted with 3 tungsten carbide points 188 mm - MAS3P188F - €	Hammers 3P Big 188 mm - MAS3PBIG188F €
BP 144	Dead anvil	6 of 188 mm				
BP 194		8 of 188 mm				
BP 244		12 of 188 mm				
BP 245		12 of 188 mm				
BP 300		14 of 188 mm				
BPE 144	2 parts	6 of 188 mm				
BPE 194	3 parts	8 of 188 mm				
BPE 244	4 parts	12 of 188 mm				
BPE 245	4 parts	12 of 188 mm				
BPE 300	5 parts	14 of 188 mm				

Options	References	Euro *
Vibration hour counter	ZZ0141	
Electronic hour counter	D1031BIS	
3rd chain screen protection		

* Not including VAT

MIXED STONE CRUSHERS BPM



Technical specifications

Type	Power (hp)		Total width (m)	Rotor width (m)	Hammers number of hammers width = 140 mm	PTO (rpm)	Drive	Belts	Approximate weight (kg)
	absorbed	maximum transmission							
BPM 1600	80	250	1,65	1,13	8 or 16 or even 32	1 000	double	2 x 4 XPC	2 750
BPM 1880	95		1,93	1,41	10 or 20 or even 40				3 100
BPM 2160	115		2,21	1,69	12 or 24 or even 48			2 x 5 XPC	3 600
BPM 2450	150	350	2,49	1,97	14 or 28 or even 56				3 900
BPM 2720	180		2,77	2,25	16 or 32 or even 64				4 800
BPM 3000	210		3,05	2,53	18 or 36 or even 72			2 x 6 XPC	5 200
BPM 3280	240		3,33	2,81	20 or 40 or even 80				5 600
BPM 3560	270		3,61	3,09	22 or 44 or even 88				6 000

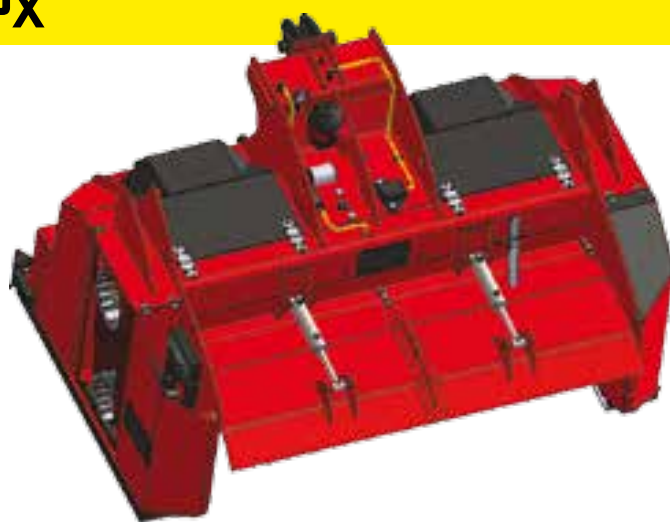
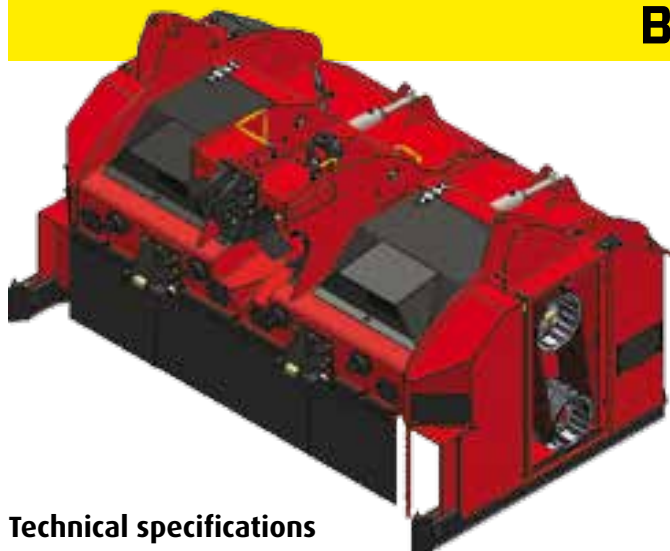
Rotor type B 140

Agricultural stone equipments								TP equipment				Forestry equipment		
Type	Price without hammers (€*)	Number of stopgap plates BRPD010 - €*	Number of hammers	Steel hammers MASACIER140E €*	Hammers with tungsten carbide P3 €*	Hammers P2 Big 325 €*	Hammers P3 Big €*	Number of hammers with tungsten carbide	Hammers with tungsten carbide P3 €*	Hammers P2 Big €*	Hammers P3 Big €*	Number of hammers with tungsten carbide	Hammers with tungsten carbide P1 and P2 €*	Hammers with tungsten carbide FD and FG €*
BPM 1600		8	8					16				16		
BPM 1880		10	10					20				20		
BPM 2160		12	12					24				24		
BPM 2450		14	14					28				28		
BPM 2720		16	16					32				32		
BPM 3000		18	18					36				36		
BPM 3280		20	20					40				40		
BPM 3560		22	22					44				44		

Options	References	Euro HT
Automatic greasing unit with push type gun	OPTCENGRA	
Vibration hour counter	ZZ0141	
Electronic hour counter	DI031BIS	
Double chain screen protection (3 and 4 additional ranges)	OP4RIDEAUXCHAINES	
Hardfacing on clamp (the unit)	OPTBRBSF013RE	
Hardfacing and carbide scraper on 4 clamps for rotor B140	OPTBRBSF013RERDQ	
Carbide tips on clamp (the unit)	BRBSFPC	
Carbide tips and carbide scraper on 4 clamps for rotor B140		
Bolt-on claw on rake	OPTGRIFFEBFSP	

* Not including VAT

STONE CRUSHERS BPX



Technical specifications

- Skids in several parts and wedged in height from 0 to 60 mm (3 wedges of 20 mm)
- Maximum power 500 hp (optional)
- Belts : 2 x 8 XPC
- Anvil adjustment : hydraulically
- Working depth : 30 to 35 cm

TECHNICAL SPECIFICATIONS									
Type	Power (hp)		Total width (m)	Rotor width (m)	Hammers number of hammers width = 140 mm	PTO (rpm)	Drive	Belts	Approximate weight (kg)
	absorbed	maximum transmission							
BPX 2720	200	450	2,77	2,25	16 or 32 or even 64	1 000	double	2 x 8 XPC	6 000
BPX 3000	230		3,05	2,53	18 or 36 or even 72				6 400
BPX 3280	260		3,33	2,81	20 or 40 or even 80				6 800
BPX 3560	280		3,61	3,09	22 or 44 or even 84				7 200

Rotor type B 140														
Stone equipment								TP equipment				Forestry equipment		
Type	Price without hammers (€*)	Number of stopgap plates BRPD8010 - €*	Number of hammers	Steel hammers MASACIER140E €*	Hammers with tungsten carbide P3 €*	Hammers P2 Big €*	Hammers P3 Big €*	Number of hammers with tungsten carbide	Hammers with tungsten carbide P3 €*	Hammers P2 Big €*	Hammers P3 Big €*	Number of hammers with tungsten carbide	Hammers with tungsten carbide P1 and P2 €*	Hammers with tungsten carbide FD and Fg €*
BPX 2720		16	16					32				32		
BPX 3000		18	18					36				36		
BPX 3280		20	20					40				40		
BPX 3560		22	22					44				44		

Options	References	Euro*
Cinematic transmission up to 500 hp instead of 450 hp	OPTOBLXTPP500	
Protective rubber screen	OPTOBLXTP...RICA	
Automatic greasing unit with push type gun	OPTCENGRA	
Vibration hour counter	ZZ0141	
Electronic hour counter	DI031BIS	
Double chain screen protection (3 and 4 additional ranges)	OP4RIDEAUXCHAINES	
Hardfacing on clamp (the unit)	OPTBRSF013RE	
Hardfacing and carbide scraper on 4 clamps for rotor B140	OPTBRBSF013RERDGG	
Carbide tips on clamp (the unit)	BRBSFPC	
Carbide tips and carbide scraper on 4 clamps for rotor B140		
Bolt-on claw on rake	OPTGRIFFEBFSP	

* Not including VAT

STONE CRUSHERS for PUBLIC WORKS OBL'X



Technical specifications

Designed on the basis of BPM, these machines can work up to 40 cm depth (hydraulic adjustment of the skids). The driving is done by vertical gearbox mounted on shock absorbers

TECHNICAL SPECIFICATIONS								
Type	Power (hp)		Total width (m)	Rotor width (m)	Hammers	PTO (rpm)	Drive	Approximate weight (kg)
	absorbed	maximum transmission			number of hammers width = 140 mm			
OBL'X 2720	200	450	2,69	2,25	32 or 64	1000	Vertical gearboxes	6040
OBL'X 3000	230		2,97	2,53	36 or 72			6 440
OBL'X 3280	260		3,25	2,81	40 or 80			6 880
OBL'X 3560	280		3,53	3,05	44 or 88			7 280

Rotor type B 140														
Stone equipment								TP equipment				Forestry equipment		
Type	Price without hammers (€*)	Number of stopgap plates BRPD010 - €*	Number of hammers	Steel hammers MASACIER140E €*	Hammers with tungsten carbide P3 €*	Hammers P2 Big €*	Hammers P3 Big €*	Number of hammers with tungsten carbide	Hammers with tungsten carbide P3 €*	Hammers P2 Big €*	Hammers P3 Big €*	Number of hammers with tungsten carbide	Hammers with tungsten carbide P1 and P2 €*	Hammers with tungsten carbide FD and Fc €*
OBL'X 2720		16	16					32				32		
OBL'X 3000		18	18					36				36		
OBL'X 3280		20	20					40				40		
OBL'X 3560		22	22					44				44		

Options	References	Euro *
Cinematic transmission up to 500 hp instead of 450 hp	OPTOBLXTPP500	
Protective rubber screen	OPTOBLXTP...RICA	
Automatic greasing unit with push type gun	OPTCENGRA	
Vibration hour counter	ZZ0141	
Electronic hour counter	DI031BIS	
Double chain screen protection (3 and 4 additional ranges)	OP4RIDEAUXCHAINES	
Hardfacing on clamp (the unit)	OPTBRSF013RE	
Hardfacing and carbide scraper on 4 clamps for rotor B140	OPTBRBSF013RERDGR	
Carbide tips on clamp (the unit)	BRBSFPC	
Carbide tips and carbide scraper on 4 clamps for rotor B140		
Bolt-on claw on rake	OPTGRIFFEFSP	

* Not including VAT

Milling options for BPM

BPM - Rotor type BB 140					
Milling equipment					
Type	Number of hammers	Hammers with tungsten carbide P1 and P2 € HT	Hammers with tungsten carbide Type P3 € HT	Hammers with tungsten carbide Type P2 Big € HT	Hammers with tungsten carbide Type P3 Big € HT
BPM 1600	32				
BPM 1880	40				
BPM 2160	48				
BPM 2450	56				
BPM 2720	64				
BPM 3000	72				
BPM 3280	80				
BPM 3560	88				



Options BPM	Euro *
Automatic greasing unit	
Penetration tines (the pair)	
Vibration hours counter	
Electronic hours counter	
Double chain screen protection (3 and 4 additional ranges)	

Milling options for BPX

BPX - Rotor type BB 140					
Milling equipment					
Type	Number of hammers	Hammers with tungsten carbide P1 and P2 Euro *	Hammers with tungsten carbide Type P3 Euro *	Hammers with tungsten carbide Type P2 Big Euro *	Hammers with tungsten carbide Type P3 Big € HT
BPX 2720	64				
BPX 3000	72				
BPX 3280	80				
BPX 3560	88				



Options BPX	Euro *
Automatic greasing unit	
Penetration tines (the pair)	
Vibration hours counter	
Electronic hours counter	
Double chain screen protection (3 and 4 additional ranges)	

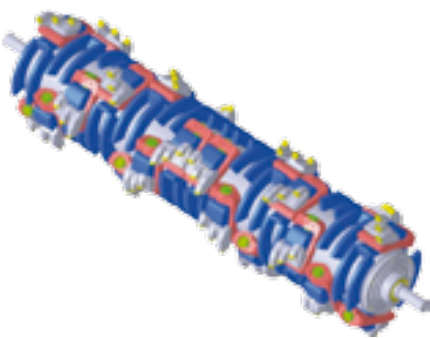
Options Fraisage for OBL'X

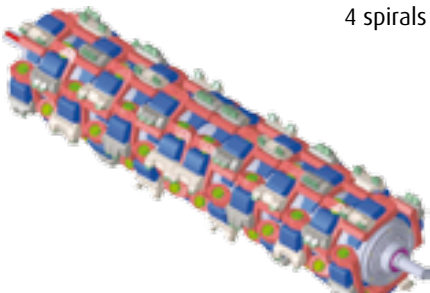
OBL'X - Rotor type BB 140					
Milling equipment					
Type	Number of hammers	Hammers with tungsten carbide type P1 and P2 € HT	Hammers with tungsten carbide Type P3 € HT	Hammers with tungsten carbide Type P2 Big € HT	Hammers with tungsten carbide Type P3 Big € HT
OBL'X 2720	64				
OBL'X 3000	72				
OBL'X 3280	80				
OBL'X 3560	88				

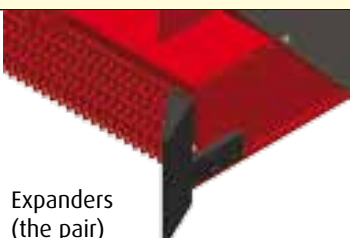
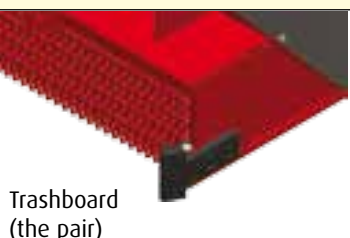
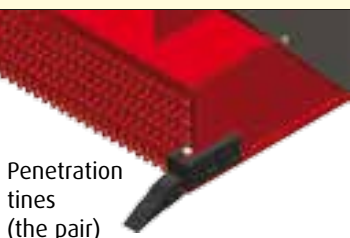


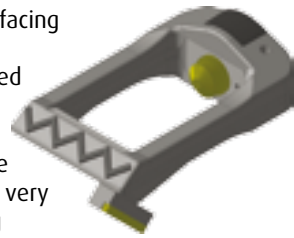
Options BPM	Euro *
Automatic greasing unit	
Penetration tines (the pair)	
Vibration hours counter	
Electronic hours counter	
Double chain screen protection (3 and 4 additional ranges)	

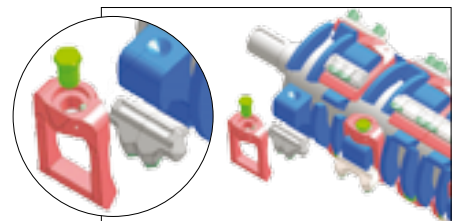
* Not including VAT

ROTOR B 140		Type of crusher/mulcher: BPM - BPX - OBL'X			
 2 spirals	For wood		For stones and wood		
					
	Typ FG MASFG140C	Typ FD MASFD140C	Typ P1 MASP1140A	Typ P2 MASP2140A	
	For stones				
					
	Typ P3 MASPS140A	Typ P2 BIG MASP2BIG140A	Typ P3 BIG MASP3BIG140A		
	€	€	€		

ROTOR BB 140		Type of crusher/mulcher: BPM - BPX - OBL'X				
 4 spirals	For stones and wood		For stones			
						
	Typ P1 MASP1140A	Typ P2 MASP2140A	Typ P3 MASP3140A	Typ P2 BIG MASSP2BIG140A	Typ P3 BIG MASP3BIG140A	

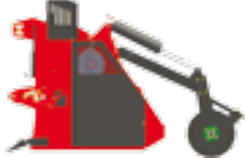
OPTIONS for BP 115 to BP 190, BP 144 to BPE, BPM, BPX, OBL'X			
			
	Expanders (the pair)	Trashboard (the pair)	Penetration tines (the pair)
BP 115 to BP 190	ref. OPTB138ELAR50 €	ref. OPTBP138DEFL €	ref. OPTBP138SUDE €
BP 144 to BPE 300 and BPM, BPX, OBLX	ref. OPTBPMELARGISSEUR €	ref. OPTBPM €	ref. B21DEPE €

OPTIONS for ROTORS and FIXATIONS	
Option : hardfacing on the clamp in very hard wearing conditions 	Option : hardfacing and carbide scraper welded on hardfaced clamp (to put on the rotor sides in very hard wearing conditions) 



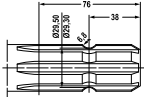
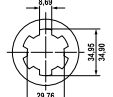
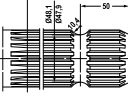
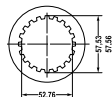
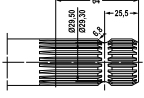
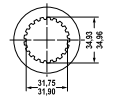
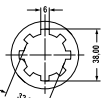
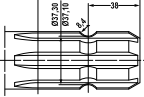
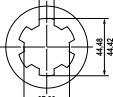
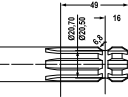
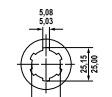
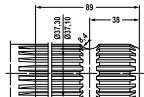
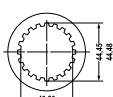
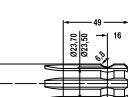
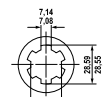
* Not including VAT

OPTIONS : RAKES for BPM - BPX - OBL'X

			
Rake ref. OPTGRIFFEBPM	Rake with claw (low position)	Roller mounted on the rake ref. OPTBPMROULEAU	Claw for rake (the unit) ref. OPTGRIFFEBFSP

Options	References	BPM - BPX - OBL'X
Rake to bolt on the rake (width 15 cm) - the unit	OPTGRIFFEBFSP	
Option hardfacing on the rake (the unit)	OPTBRBSF013RE	
Option hardfacing with carbide scrapers on 4 clamps (for rotor B140 x2 for rotor BB140)	OPTBRBSF13RERD	
Option: 4 side clamps with scraper (B140 or BB140)	OPTBRBSFRD	
Option: rake BPM 1600 or BPM 2160	OPTGRIFFEBPM...	
Option: rake BPM 2450 or BPM 3000	OPTGRIFFEBPM...	
Option: rake BPX	OPTOBL'X TP	
Option: rake OBL'X	OPTOBL'X TP	
Option: roller mounted on the BPM1600 or BPM2160	OPTBPMROULEAU...	
Option: roller mounted on the BPM2450 or BPM3000	OPTBPMROULEAU...	
Option: roller mounted on the BPX rake	OPTBPMROULEAU...	
Option: roller mounted on the OBL'X rake	OPTBPMROULEAU...	

Outlet PTO profiles

$1 \frac{3}{8}$ " (6)   	$2 \frac{1}{4}$ " (22)   
$1 \frac{3}{8}$ " (21)   	8 X 32 X 38   
$1 \frac{3}{4}$ " (6)   	6 X 21 X 25   
$1 \frac{3}{4}$ " (20)   	$1 \frac{1}{8}$ " (6)   

* Not including VAT

FORESTRY MULCHERS

70 to 160 hp power take-off drive

BFLT

Technical specifications

- Simple drive belts
- Sturdy clamping of the hammers and quick-change system
- Stone crushing and processing ability
- Grinding chamber fitted with counter knife shear bars
- Fixed rake
- Hydraulic rear door
- Double roller bearing ranges also mounted on our stone crushers
- Adjustable skids (3 positions : - 2,5 cm / 0 / +2,5 cm)
– Several types : ski form, depth work and stones
- Working depth: 5 cm
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard



Type	Rotor width (m)	Total width (m)	Minimum power required (hp)	Maximum power required (hp)	Number of hammers with rotor T60	Number of hammers with rotor T60 S3	Belts PTO 1000	Belts PTO 540	Approximate weight (kg)
BFLT 1735	1,33	1,73	70	110	24	36	Simple entrainement 1x5 XPB	Simple entrainement 1x6 XPB	1 280
BFLT 1945	1,54	1,94	80	110	28	42			1 390
BFLT 2155	1,75	2,15	90	130	32	48	Simple entrainement 1x6 XPB OU Double entrainement 2x5 XPB	-	1 460
BFLT 2365	1,96	2,36	100	130	36	54			1 570
BFLT 2575	2,17	2,57	110	130	40	60			1 680

Type	Mulcher with rotor T60 cutting hammers	Mulcher with rotor T60 hammers SP2	Mulcher with rotor T60 hammers SP1 Big	Mulcher with rotor T 60 S3 cutting hammers	Mulcher with rotor T 60 S3 hammers SP2	Mulcher with rotor T 60 S3 hammers SP1 Big	Mulcher with rotor T 60 S3 hammers SP1D-SP1G	Mulcher with rotor T 60 S3 hammers SPD-SPG
	€	€	€	€	€	€	€	€
BFLT 1735								
BFLT 1945								
BFLT 2155								
BFLT 2365								
BFLT 2575								

540 rpm or 1000 rpm to be specified when ordering		
Options	Reference	Euro *
price reduction for non supply of rake	MINORATION	
additional costs for hydr. rake instead of fixed rake (see p. 56)	OPTRABAHYBFLTE	
Optional : claw to bolt on the rake (width 15 cm) - the unit	OPTGRIFFEBFLTE	
Optional: double drive belts (maxi 160 hp instead of 130 hp) 2x5 XPB	P160	
Additionnal depth work skids	OPTBFLTEPATIDE	
Additionnal stone skids	OPTBFLTEPATIPI	

* Not including VAT

FORESTRY MULCHERS

100 to 200 hp power take-off drive

BFLF

Technical specifications

- Double drive belts by 2x6 SPB
- Sturdy clamping of the hammers and quick-change system
- Fixed rake – hydraulic rake on option
- Stone crushing and processing ability
- Grinding chamber fitted with counter knife shear bars
- Hydraulic rear hood
- Double roller bearing ranges also mounted on our stone crushers type OBL'X
- Different kind of skids:
 - ski form
 - depth work
 - stone skid
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard

Fixed forestry mulcher	BFLF		
Power (mini-maxi)	135 to 260 hp		
Rotor width (mini-maxi)	1,55 to 2,39 m		
Maximum distance between hammers and skids	2,5 cm		
Maximum working depth	5 cm		
Types of rotors	M 20	T 60	T 60 S3
Diameter of the rotor with hammers	515	467	467
Number of spirals	2	2	3
Out of ground	✓	✓	✓
Out of ground – large branches (over 20 cm)			✓
Stony working conditions			✓
Large stumps working conditions			✓
Working conditions in rocks			✓



Type	Rotor width (m)	Total width (m)	Working depth (cm)	Minimum power (hp)	Maximum power (hp)	Number of swinging hammer flails Rotor M20	Number of hammers Rotor T 60	Number of hammers Rotor T 60 S3	Belts	Approximate weight (kg)
BFLF 2155	1,76	2,18	5	135	260	88	32	48	2 x 6 SPB	2 315
BFLF 2365	1,97	2,39	5	160	260	100	36	54		2 525
BFLF 2575	2,18	2,60	5	185	260	112	40	60		2 735
BFLF 2785	2,39	2,81	5	185	260	120	44	66		2 945
BFLF 2995	2,60	3,02	5	185	260	132	48	72		3 155

Type	Mulcher with Rotor M20	Mulcher with Rotor T60 cutting hammers	Mulcher with Rotor T 60 and hammer SP2	Mulcher with Rotor T 60 and hammer SP1 Big	Mulcher with Rotor T 60 S3 cutting hammers	Mulcher with Rotor T 60 S3 and hammer SP2	Mulcher with Rotor T 60 S3 and hammer SP1 Big	Mulcher with Rotor T 60 S3 and hammer SP1D-SP1G	Mulcher with Rotor T 60 S3 and hammer SPD-SPG
	€	€	€	€	€	€	€	€	€
BFLF 2155									
BFLF 2365									
BFLF 2575									
BFLF 2785									
BFLF 2995									

* Not including VAT

SWIVELLING FORESTRY MULCHERS

100 to 260 hp power take-off drive

BFLO

Technical specifications

- Double drive belts by 2x6 SPB
- Sturdy clamping of the hammers and quick-change system
- Hydraulic orientation of the rotor which is independent from the position of the PTO
- Height of the rotor with skids on ground :
-30 mm to +355 mm
- Fixed rake - hydraulic rake on option
- Grinding chamber fitted with counter knife shear bars
- Hydraulic rear hood
- Double roller bearing ranges also mounted on our stone crushers
- Several types of skids : - ski form
- depth work...
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard

Fixed forestry mulcher	BFLFO		
Power (mini-maxi)	135 to 260 hp		
Rotor width (mini-maxi)	1,55 to 2,60 m		
Maximum distance between hammers and skids	2,5 cm		
Maximum working depth	5 cm		
Types of rotors	M 20	T 60	T 60 S3
Diameter of the rotor with hammers	515	467	467
Number of spirals	2	2	3
Out of ground	✓	✓	✓
Out of ground - large branches (over 20 cm)			✓
Stony working conditions			✓
Large stumps working conditions			✓
Working conditions in rocks			✓



Type	Rotor width (m)	Total width (m)	Working depth (cm)	Minimum power (hp)	Maximum power (hp)	Number of swinging hammer flails Rotor M20	Number of hammers Rotor T 60	Number of hammers Rotor T 60 S3	Belts	Approximate weight (kg)
BFL0 2155	1,76	2,18	5	135	260	88	32	48	2x6 SPB	2 700
BFL0 2365	1,97	2,39	5	160	260	100	36	54		2 900
BFL0 2575	2,18	2,60	5	185	260	112	40	60		3 100
BFL0 2785	2,39	2,81	5	185	260	120	44	66		3 300
BFL0 2995	2,60	3,02	5	185	260	132	48	72		3 500

Type	Mulcher with Rotor M20	Mulcher with Rotor T60 cutting hammers	Mulcher with Rotor T 60 and hammers SP2	Mulcher with Rotor T 60 and hammers SP1 Big	Mulcher with Rotor T 60 S3 cutting hammers	Mulcher with Rotor T 60 S3 and hammers SP2	Mulcher with Rotor T 60 S3 and hammers SP1 Big	Mulcher with Rotor T 60 S3 and hammers SP1D-SP1G	Mulcher with Rotor T 60 S3 and hammers SPD-SPG
	€	€	€	€	€	€	€	€	€
BFL0 2155									
BFL0 2365									
BFL0 2575									
BFL0 2785									
BFL0 2995									

* Not including VAT

FORESTRY MULCHERS

160 to 500 hp power take-off drive

BFO



Swivelling forestry mulcher	BFO
Power (mini-maxi)	160 to 500 hp
Rotor width (mini-maxi)	1.97 to 2.81 m
Maximum distance between hammers and skids	4 cm
Maximum working depth	15 cm
Types of rotors	TT 60
Diameter of the rotor with hammers	525
Number of spirals	4
Out of ground	✓
Out of ground - large branches (over 20 cm)	
Stony working conditions	
Large stumps working conditions	
Working conditions in rocks	

Technical specifications

- Hydraulic orientation of the rotor which is independent from the position of the PTO shaft
- Double drive belts by 2x5 SPC (2x6 over 350 hp)
- Heavy duty secure locking of the hammers and quick-change system
- Stone crushing and processing ability
- Hydraulic rear door
- Hydraulic rake (roller on option)
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard



Type	Rotor width (m)	Total width (m)	Working depth (cm)	Minimum power (hp)	Maximum width (hp)	Number of hammers Rotor TT 60	Approximate weight (kg)
BFO 2360	1,97	2,50	15	160	350	64	4 000
BFO 2640	2,25	2,78	15	200	400	72	4 500
BFO 2920	2,53	3,06	15	240	400	80	5 000
BFO 3200	2,81	3,34	15	280	400	88	5 500

Type	Mulcher with rotor TT 60 and hammers SP2	Mulcher with rotor TT 60 and hammers SP1 Big	Mulcher with rotor TT 60 and hammers SP1D and SP1G	Mulcher with rotor TT 60 and hammers SPD and SPG	Additional costs for roller on the rake
	€	€	€	€	
BFO 2360					
BFO 2640					
BFO 2920					
BFO 3200					

Option : cinematic transmission up to 450 hp and 500 hp - see page 59

Option : Hydro-flow coupler 500 hp for BFO 2640 - 2920 and 320, see page 59

* Not including VAT

FORESTRY MULCHERS BFSP

Technical specifications

- Gear box drive
- Heavy duty secure locking of the hammers and quick-change system
- Stone crushing and processing ability
- Hydraulic rake (roller on option)
- Hydraulic orientation of the rotor which is independent from the position of the PTO shaft
- Hydraulic rear door
- Double roller bearing ranges also mounted on our stone crushers type OBL'X
- Different kind of skids: ski form or depth work
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard



Forestry mulcher for stumps and working depth	BFSP
Power (mini-maxi)	200 to 500 hp
Rotor width (mini-maxi)	1,97 to 2,81
Maximum distance between hammers and skids	4 cm
Maximum working depth	25 cm
Types of rotors	TT 60
Diameter of the rotor with hammers	525
Number of spirals	4
Out of ground	✓
Out of ground - large branches (over 20 cm)	
Stony working conditions	
Large stumps working conditions	
Working conditions in rocks	

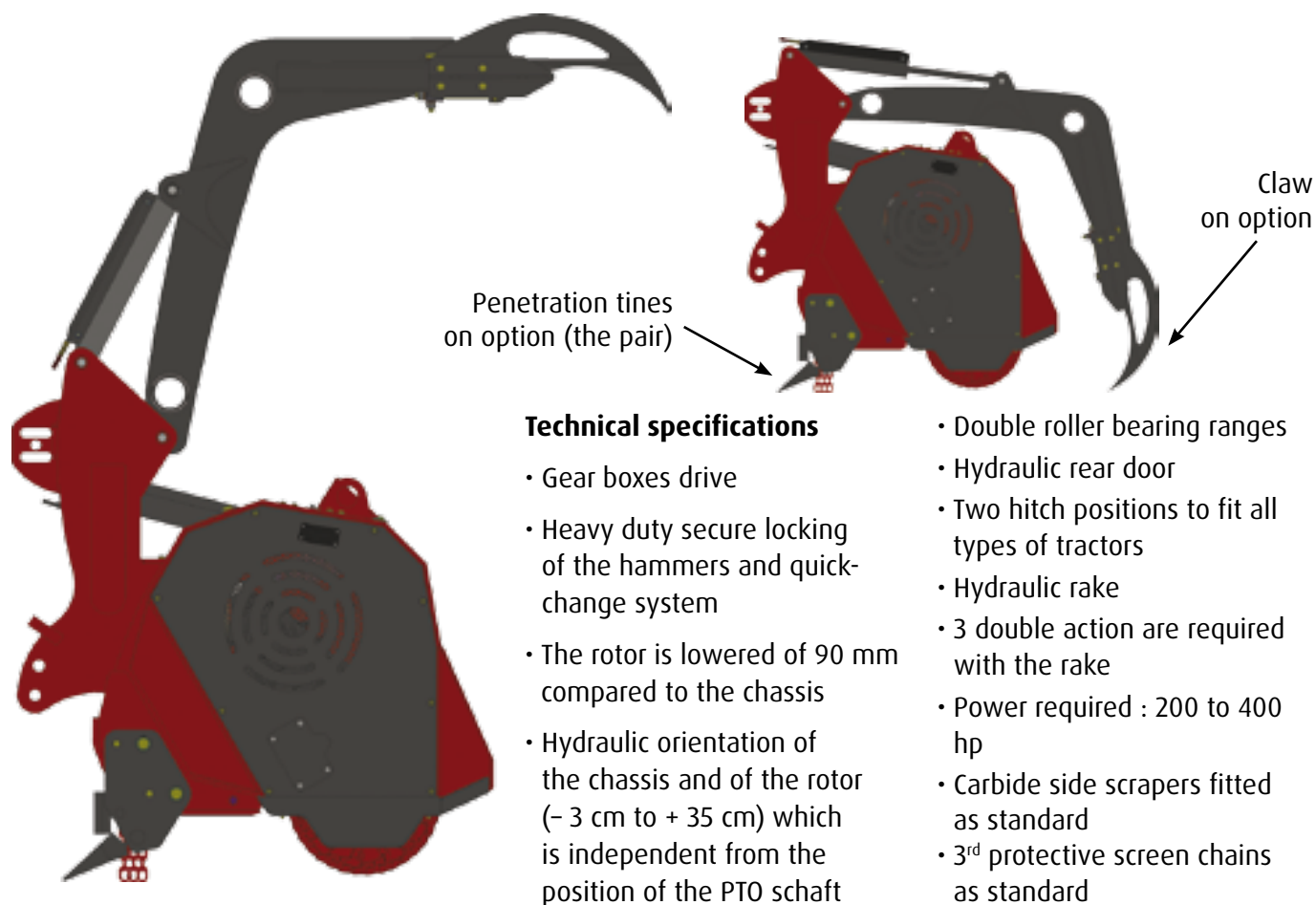
	Type	Rotor width (m)	Total width (m)	Working depth (cm)	Minimum power (hp)	Maximum power (hp)	Number of hammers Rotor TT 60	Approximate weight (kg)
DOUBLE GEAR BOX DRIVE	BFSP 2360 DC	1,97	2,50	25	200	400	64	4 300
	BFSP 2640 DC	2,25	2,78	25	250		72	4 800
	BFSP 2920 DC	2,53	3,06	25	300		80	5 300
	BFSP 3200 DC	2,81	3,34	25	350		88	5 800

	Type	Mulcher with rotor TT 60 and hammers SP2	Mulcher with rotor TT 60 and hammers SP1 Big	Mulcher with rotor TT 60 and hammers SP1D and SP1G	Mulcher with rotor TT 60 and hammers SPD et SPG	Additional charge for roller on the claw
		€	€	€	€	
DOUBLE GEAR BOX DRIVE	BFSP 2360 DC					
	BFSP 2640 DC					
	BFSP 2920 DC					
	BFSP 3200 DC					

Option : cinematic transmission up to 450 hp and 500 hp - see page 59

* Not including VAT

FORESTRY MULCHERS BFTP



Technical specifications

- Gear boxes drive
- Heavy duty secure locking of the hammers and quick-change system
- The rotor is lowered of 90 mm compared to the chassis
- Hydraulic orientation of the chassis and of the rotor (- 3 cm to + 35 cm) which is independent from the position of the PTO shaft
- Double roller bearing ranges
- Hydraulic rear door
- Two hitch positions to fit all types of tractors
- Hydraulic rake
- 3 double action are required with the rake
- Power required : 200 to 400 hp
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard

Type	Rotor width (m)	Total width (m)	Working depth (cm)	Motor capacity mini (hp)	Motor capacity maxi (hp)	Number of hammer flails holders with rotor TT 60	Approximate weight (kg)
BFTP 2360 DC	1,97	2,50	40	200	400	64	4 300
BFTP 2640 DC	2,25	2,78	40	250		72	4 800
BFTP 2920 DC	2,53	3,06	40	300		80	5 300
BFTP 3200 DC	2,81	3,34	40	350		88	5 800

DOUBLE GEAR BOX DRIVE	Type	Mulcher with rotor TT 60 and cutting hammers	Mulcher with rotor TT 60 and hammers SPD and SPG	Mulcher with rotor TT 60 and hammers SP1D and SP1G	Mulcher with rotor TT 60 and hammers SP2	Mulcher with rotor TT 60 and hammers SP1 Big	Additional charge for roller on the rake
		€	€	€	€	€	
	BFTP 2360 DC						
	BFTP 2640 DC						
	BFTP 2920 DC						
	BFTP 3200 DC						

* Not including VAT

FORESTRY MULCHERS WITH FIXED HAMMERS for carriers with hydraulic drive from 45 to 75 HP BFLR

Technical specifications

- Efficient and effective drive – variable displacement motor 60 cm³
- Heavy duty secure locking of the hammers
- Stone crushing and processing ability
- Grinding chamber fitted with counter knife shear bars
- Fixed rake (4 positions)
- Hydraulic drive
- Double roller bearing ranges also mounted on our stone crushers
- Adjustable skids from – 3 to + 6 cm
- 250 bar hoses supplied



ROTOR C 45



Secure locking and locating of the hammers on the rotor – very quick change of these (Hammers SW2 on the picture)



Type	Rotor width (m)	Total width (m)	Working depth (cm)	Number of hammers	Oil flow (min/max)	Mulcher with Rotor C45 Hammers SW2 2 carbide 45 mm wide MASP2080A	Weight kg
						€	
BFLR 1590 60 cm ³ fixed displacement 180 to 250 bars	1,32	1,59	3	28	50 l/min à 140 l/min	€	660
BFLR 1770 60 cm ³ fixed displacement 180 to 250 bars	1,50	1,77	3	32		€	740
BFLR 1950 60 cm ³ fixed displacement 180 to 250 bars	1,69	1,95	3	36		€	820

Options	Reference	Euro HT
Hydraulic door	OPTBFLRECAPOTHYDR	
Solenoid valve supplement (cabin button not provided)	OPTBFLRBLOCBFL1V	

* Not including VAT

FORESTRY MULCHERS

for carriers with hydraulic drive from 70 to 130 HP

BFLH

Technical specifications

- Efficient and effective drive - Variable displacement motor 85 cm³
- Heavy duty secure locking of the hammers and quick-change system
- Stone crushing and processing ability
- Grinding chamber fitted with counter knife shear bars
- Fixed rake (hydraulic rake on option)
- Optional: forestry claws on rake
- Hydraulic drive
- Double roller bearing ranges also mounted on our stone crushers
- Adjustable skids (3 positions : - 2,5 cm / 0 / + 2,5 cm)
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard
- 250 bar hoses supplied



Type	Oil flow (L/min)		Pressure (Bars)		Rotor width (m)	Total width (m)	Ø rotor (mm)	Number of hammers rotor T 60	Number of hammers rotor T 60 S3	Number of belts	Approximate weight (kg)
	min	max	min	max							
BFLH 1525 Variable displacement motor 85 cm ³	80	150	180	400	1,13	1,485	440	20	30	1x 5 XPB	1 080
BFLH 173 Variable displacement motor 85 cm ³	80	150	180	400	1,34	1,695	440	24	36	1x 5 XPB	1 230
BFLH 1945 Variable displacement motor 85 cm ³	80	150	180	400	1,55	1,905	440	28	42	1x 5 XPB	1380
BFLH 2155 Variable displacement motor 85 cm ³	80	150	180	400	1,76	2,115	440	32	48	1x 5 XPB	1530

Type	Mulcher with rotor T60 cutting hammers	Mulcher with rotor T60 hammers SP2	Mulcher with rotor T60 hammers SP1 Big	Mulcher with rotor T 60 S3 cutting hammers	Mulcher with rotor T 60 S3 hammers SP2	Mulcher with rotor T 60 S3 hammers SP1 Big	Mulcher with rotor T 60 S3 hammers SP1D-SP1G	Mulcher with rotor T 60 S3 hammers SPD-SPG
	€	€	€	€	€	€	€	€
BFLH 1525								
BFLH 1735								
BFLH 1945								
BFLH 2155								

A variable displacement motor allows to «provide» about 40% more torque than in a fixed displacement motor. Hydraulic hoses between the hydraulic motor and the mulcher are provided for 250 bars maximum. The rear door is controlled by a hydraulic cylinder which requires an additional hydraulic line.

Options	Reference	Euro *
price reduction for non supply of rake	MINORATION	
additional costs for hydr. rake instead of fixed rake (see p. 56)	OPTRABAHYBFLTE	
Optional : claw to bolt on the rake (width 15 cm) - the unit	OPTGRIFFEBFLTE	
Solenoid valve supplement (cabin button not provided)	OPTBFLHBL0CBFL1V	
Additional depth work skids	OPTBFLTEPATIDE	
400 bar hoses	OPTBFLH400	

* Not including VAT

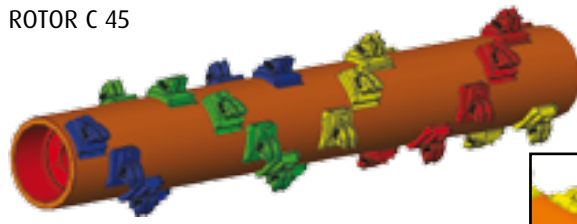
FORESTRY MULCHER ON MINI EXCAVATOR from 5 to 15 T BFLER

Technical specifications

- Efficient and effective drive – fixed displacement motor 41 cm³
- Heavy duty secure locking of the hammers
- Stone crushing and processing ability
- Grinding chamber fitted with counter knife shear bars
- Double roller bearing ranges also mounted on our stone crushers
- Adjustable skids (3 positions: - 3 to + 6 cm)
- 250 bar hoses as standard
- delivered without couplings



ROTOR C 45



Secure locking and locating of the hammers on the rotor – very quick change of these (Hammers SW2 on the picture)



Type	Oil flow (L/min)		Pressure (Bars)		Rotor width (m)	Total width (m)	Ø Rotor (mm)	Number of hammers rotor T 45	Number of belts	Approximate weight (kg)
	minimum	maximum	minimum	maximum						
BFLER 1040 41 cm ³ fixed displacement	80	130	180	250	0,79	1,04	300	16	1x 4 XPB	450

Type	Crusher with rotor C45 Hammers 2 carbide width 45mm MASP2080A
	€
BFLER 1040 41 cm ³ fixed displacement	

Options	Reference	Euro *
Variable displacement motor 60 cm ³ (50 to 130 l/min)	OPTBFLERMOHY60	
Hydraulic door	OPTBFLRECAPOTHYDR	
400 bar hoses	OPTBFLER400	
Solenoid valve supplement (cabin button not provided)	OPTBFLRBLOCBFL1V	

FORESTRY MULCHERS ON EXCAVATOR from 15 to 25 T BFLEL

Technical specifications

- Efficient and effective drive – fixed displacement motor 45 cm³
- Heavy duty secure locking of the hammers and quick-change system
- Stone crushing and processing ability
- Grinding chamber fitted with counter knife shear bars
- Double row ociliating bearings on rotor identical to our stone crushers
- Adjustable skids 3 positions : - 2,5 to + 2,5 cm)
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard
- 250 bar hoses as standard
- delivered without couplings



Type	Oil flow (L/min)		Pressure (Bars)		Rotor width (m)	Total width (m)	Ø Rotor (mm)	Number of hammers rotor T 60	Number of hammers rotor T 60 S3	Number of belts	Approximate weight (kg)
	minimum	maximum	minimum	maximum							
BFLEL 1105 45 cm ³ fixed displacement	80	110	180	400	0,71	1,065	440	12	18	1x 5 XPB	940
BFLEL 1315 45 cm ³ fixed displacement	80	110	180	400	0,92	1,275	440	16	24	1x 5 XPB	1 040
BFLEL 1525 45 cm ³ fixed displacement	80	110	180	400	1,13	1,485	440	20	30	1x 5 XPB	1 140
BFLEL 1735 45 cm ³ fixed displacement	80	110	180	400	1,34	1,695	440	24	36	1x 5 XPB	1 240

Type	Mulcher with Rotor T60 cutting hammers	Mulcher with Rotor T 60 and hammer SP2	Mulcher with Rotor T 60 and hammer SP1 Big	Mulcher with Rotor T 60 S3 cutting hammers	Mulcher with Rotor T 60 S3 and hammer SP2	Mulcher with Rotor T 60 S3 and hammer SP1 Big	Mulcher with Rotor T 60 S3 and hammer SP1D-SP1G	Mulcher with Rotor T 60 S3 and hammer SPD-SPG
	€	€	€	€	€	€	€	€
BFLEL 1105 45 cm ³ fixed displacement								
BFLEL 1315 45 cm ³ fixed displacement								
BFLEL 1525 45 cm ³ fixed displacement								
BFLEL 1735 45 cm ³ fixed displacement								

A variable displacement motor allows to «provide» about 40% more torque than in a fixed displacement motor. The mulchers are delivered with a bolted headstock plate on the mulcher allowing the welding of a hitch and thus making it removable.

Hydraulic hoses between the hydraulic motor and the excavator are not provided.

The rear door is controlled by a hydraulic cylinder which requires an additional hydraulic line.

Options	Référence	Euro HT
Fixed displacement motor 63 cm ³ (110 to 130 L/min)	HYM0063AM63AC5H	
Variable displacement motor 85 cm ³ (80 to 150 L/min)	OPTBFLELMOHY85	
Additional depth work skids	OPTBFLTEPATIDE	
Option: automatic greasing unit (except BFLEL 1315)	OPTCENGRA	
400 bar hoses	OPTBFLEL400	
support foot	OPTBFLELPIED	
Solenoid valve supplement (cabin button not provided)	OPTBFLRBLOCBFL1V	

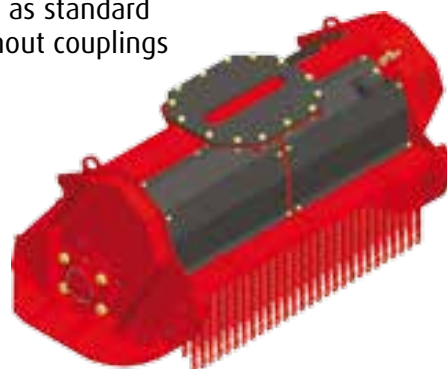
* Not including VAT

FORESTRY MULCHERS ON EXCAVATOR from 20 to 35 T BFLE



Technical specifications

- Driven by hydraulic motor (63 cm³) (110 to 130 L/min)
- 5 belts SPB
- Heavy duty secure locking of the hammers and quick-change system
- Hydraulic door
- Removable crushing comb
- Protective screen with chains
- Weld-on steel sheet delivered for coupling
- Carbide side scrapers fitted as standard
- 3rd protective screen chains as standard
- 400 bar hoses as standard
- delivered without couplings



Type	Rotor width (m)	Total width (m)	Working depth (cm)	Motor capacity	Number of hammer flails holders with rotor T 60	Number of hammer flails holders with rotor T 60 S3	Approximate weight (kg)
BFLE 1315	0,92	1,32	3	Oil flow: 110 to 250 l/min Pressure: 180 to 400 bars	16	24	1 200
BFLE 1525	1,13	1,55	3		20	32	1 400
BFLE 1735	1,34	1,76	3		24	40	1 600
BFLE 1945	1,55	1,97	3		28	48	1 800

Type	Mulcher with rotor T 60 and cutting hammers	Mulcher with rotor T 60 and hammers SP2	Mulcher with rotor T 60 and hammers SP1 Big	Mulcher with rotor T60 hammers SP3	Mulcher with rotor T 60 S3 and cutting hammers	Mulcher with rotor T 60 S3 and hammers SPD and SPG	Mulcher with rotor T 60 S3 and hammers SP1D and SP1G	Mulcher with rotor T 60 S3 and hammers SP2	Mulcher with rotor T 60 S3 and hammers SP1 Big	Mulcher with rotor T60 hammers SP3
	€	€	€		€	€	€	€	8 €	
BFLE 1315										
BFLE 1525										
BFLE 1735										
BFLE 1945										

Options	Reference	Euro *
Motor 80 cm ³ - fixed displacement (130 to 150 L/min)	OPTBFLEMOHY080	
Motor 115 cm ³ - variable displacement (110 to 250 L/min)	OPTBFLEMOHY115	
Solenoid valve supplement (cabin button not provided)	OPTBFLRBL0CBFL1V	
support foot	OPTBFLEPIED	

* Not including VAT

VINE PRUNING AND STONE GRINDERS

40 to 90 hp power take-off drive

BFLS and BFLSE



BFLS

Technical specifications BFLS

- Single driveline – 60 hp maximum
- Double driveline – 90 hp maximum
- 1 intake feed rotor suitable for prunings
- 1 grinding rotor with fixed hammers
- Ability to crush stones
- Grinding chamber fitted with counter knife shear bars
- Power take-off drive
- Double row oscillating bearings on rotor identical to our stone crushers
- Adjustable working height skids (3 positions: -2,5 / 0 / +2,5 cm)



BFLSE

Technical specifications BFLSE

- Hydraulic drive
- Total width: 680 mm
- Rotor width: 500 mm
- Oil flow : 60 to 120 l/min
- Number of hammers: 8
- Expanders as standard
- Retractable front protection as standard
- Front wheels on option: € ref. OPTBFLSEESGU

On the grinding rotor, the quick-change hammer locking system (quick-change also fitted on our ranges of forestry mulchers up to 600 hp) are arranged in 2 spirals to ensure regular and uniform processing.

Possibility to fit 3 types of hammers :

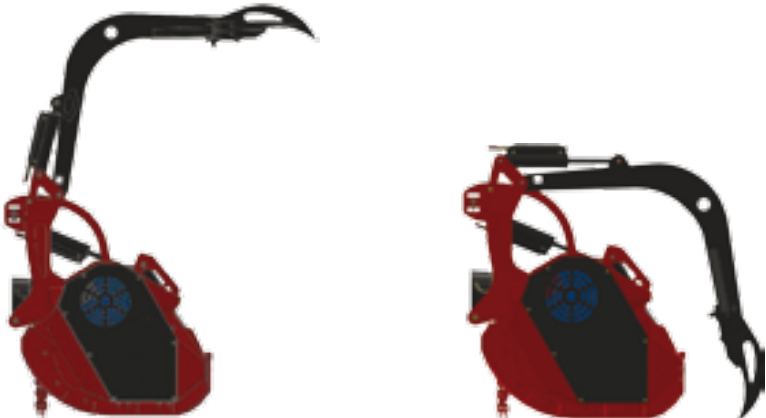
- Cutting hammers for wood / prunings
- Hammers SP2 for woody and stone products
- Hammers SP1 Big heavy duty for stones and very abrasive working conditions.

Type	Grinder with rotor T60 Wood Cutting hammers	Grinder with rotor T60 Hammers SP2	Grinder with rotor T60 Hammers SP1 Big
	€	€	€
BFLS 1025			
BFLS 1235			
BFLS 1445			
BFLSE 680			

Type	Total width (m)	Rotor width (m)	Power take-off	Minimum power required (hp)	Maximum power required (hp)	Number of drive belts	Number of hammers	Approximate weight (kg)
BFLS 1025	1,025	0,71	540 rpm	40	60 ch	4 x XPB	12	945
BFLS 1235	1,235	0,92		50			16	1050
BFLS 1445	1,445	1,13		60			20	1170
BFLS 1025	1,025	0,71	1000 rpm	70	90 ch	4 x XPB	12	945
BFLS 1235	1,235	0,92		80			16	1050
BFLS 1445	1,445	1,13		90			20	1170

* Not including VAT

OPTIONS : RAKES for BFLF and BFLO

	
Fixed rake in series	Optional : hydraulic rake ref. OPTRABAHYBFLO Optional : claw for rake (the unit) Rake with claw (low position)

OPTIONS : RAKES for BFO-BFSP and BFTP

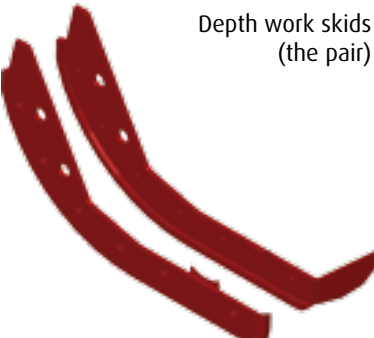
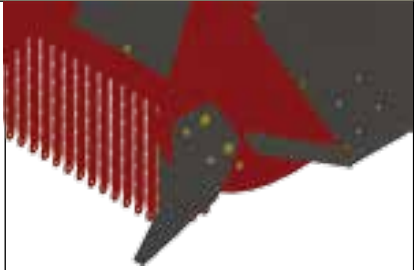
			
With hydraulic rake in series	With hydraulic rake in series and claw on option (the unit)	With hydraulic rake in series and claw (low position)	With hydraulic rake in series and roller on option ref. OPTROULEAUBFSP

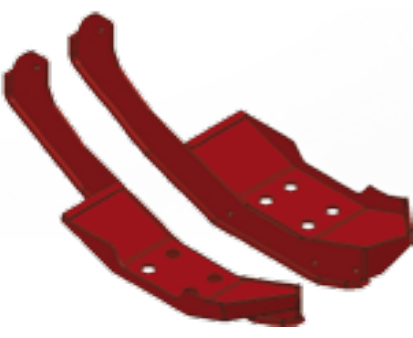
OPTIONS : RAKES for BFLT and BFLH

		
Fixed rake	Rake with claw (high position)	Rake with claw (low position)

* Not including VAT

OPTIONS SKIDS for BFLF, BFLO and BFLE			
			
Depth work skids ref. OPTBFLOFPATIDE	Standard skids ref. OPTBFLOFPATI	Over ground skids ref. OPTBFLOFPATIRE	Stone skids ref. OPTBFLOFPATIFI

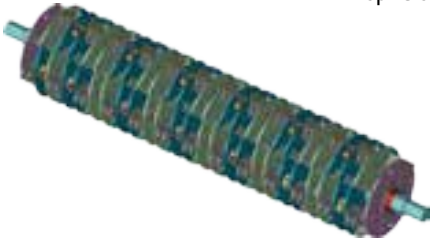
OPTIONS SKIDS for BFO, BFSP and BFTP			
	 Standard skids (the pair)	 Depth work skids (the pair)	 Penetration tines (the pair) for depth work skids
BFO - BFSP	ref. OPTBFOSPPATI	ref. OPTBFOSPPATIDE	ref. OPTBFOSPPOPA
BFTP	ref. OPTBFTPPATISKI	ref. OPTBFTPPATI	ref. OPTBFOSPPOPA

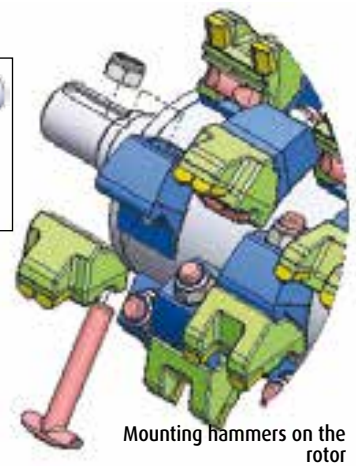
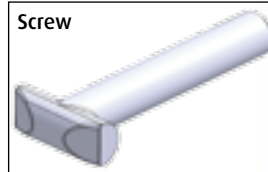
OPTIONS SKIDS for BFLT, BFLH and BFLEL		
		
Standard skids	Depth work skids OPTBFLTEPATIDE	Stone skids OPTBFLTEPATIFI

* Not including VAT

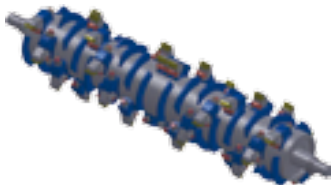
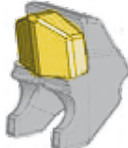
	References	BFLT BFLH BFLEL	BFLF BFLO	BFLE	BFTP	BFO BFSP
Standard skids	BFLTEPATI	€				
	BFLOFPATI		€	€		
	BFOSPPATI					€
	BFTPPATISKI				€	
Additional depth work skids (the pair)	BFTPPATI				€	
	OPTBFLTEPATIDE	€				
	OPTBFLOFPATIDE		€	€		
	OPTBFOSPPATIDE					€
Additional over ground skids (the pair)	OPTBFLOFPATIRE		€	€		
Additional stone skids (the pair)	OPTBFLTEPATIPI	€				
	OPTBFLOFPATIPI		€	€		
Penetration tines for depth work skids (the pair)	OPTBFOSPPOPA					€
Price reduction for non supply of rake	BFLTE....RABA	€				
	BFLOF....RABACOMON		€			
Additional costs for hydr. rake instead of fixed rake (see p. 56)	OPTRABAHYBFLTE	€				
	OPTRABAHYBFLO....		€			
Claw to bolt on the rake (width 15 cm) - the unit	OPTGRIFFEFLTE	€				
	OPTGRIFFEBFLO		€			
	OPTGRIFFEBFSP					€
Automatic greasing unit (except for BFLE 1315)	OPTCENGRA			€	€	€
Cinematic transmission up to 450 hp	OPTBFOSP450					€
Cinematic transmission up to 500 hp	OPTBFOSP500					€
Hydro-flow coupler 500 hp for BFO 2640 - 2920 and 320						Only on BFO €
Diverter valve to control the door hydraulically (not included : electrical wiring)				€		
Locking screw with carbide Hardfacing (the unit)	OPTBFLVM27CPTA	€	€	€	€	€
Carbide scraper to weld on the hammer (the unit)	MACASP	€	€	€	€	€

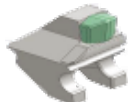
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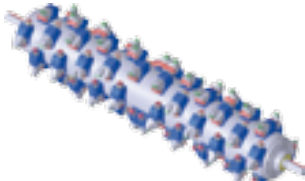
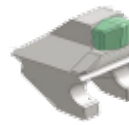
ROTOR M 20		Type of mulcher: BFLF - BFLO - BFLE
	2 spirals	For wood and stones
		
		Flail M 20 BV20FLCLCD - BV20FLCLCG
		€



Mounting hammers on the rotor

ROTOR T 60		Type of mulcher: BFLT - BFLH - BFLEL - BFLF - BFLO - BFLE		
	2 spirals	For wood and stones		Use in wood condition and over ground
				
		Typ SP1 Big MASSP1BIGG060C	Typ SP2 MASSP2065C	Cutting hammers MASCOUPANTE065
		€	€	€

ROTOR T 60 S3		Type of mulcher: BFLT - BFLH - BFLEL - BFLF - BFLO - BFLE						
	3 spirals	For stumps and stones		For wood and stones		For stumps and stones		Use in wood condition and over ground
								
		Typ SPD MASSPD060C	Typ SPG MASSPG060C	Typ SP1 Big MASSP1BIG060C	Typ SP2 MASSP2065C	Typ SP1 D MASSP1D060C	Typ SP1 G MASSP1G060C	Cutting hammers MASCOUPANTE065
		€	€	€	€	€	€	€

ROTOR TT 60		Type of mulcher: BFO - BFSP - BFTP					
	4 spirals	For stumps and stones		For wood and stones		For stumps and wood	
							
		Typ SPD MASSPD060C	Typ SPG MASSPG060C	Typ SP1 Big MASSP1BIG060C	Typ SP2 MASSP2065C	Typ SP1 D MASSP1D060C	Typ SP1G MASSP1G060C
		€	€	€	€	€	€

* Not including VAT

TRACTOR							
Models	simple drive belts	double drive belts	minimum HP	maximum HP	hydraulic orientation the rotor	maxi deep (cm)	type of hammer clamping
BFLT 1735 and BFLT 1945	maxi 110 HP		70	110		2,5	T60 or T60S3
BFLT 2155, BFLT 2365, BFLT 2575	maxi 130 HP	x	90	160		2,5	
BFLF maximum 260 HP		x	135	260		5	
BFLO maximum 260 HP		x	135	260	x	5	
BF0 maximum 500 HP		x	160	500	x	15	TT60
BFSP maximum 500 HP		x	200	500	x	25	
BFTP maximum 500 HP		x	200	500	x	35	

SKID STEER				
Models	oil flow (L/min)	Oil pressure (bar)	maxi deep (cm)	type of hammer clamping
BFLR	60 to 130	180 to 350	3	R50
BFLH	80 to 160	150 to 400	3	T60 or T60S3

EXCAVATOR					
Models	ton	oil flow (L/min)	Oil pressure (bar)	maxi deep (cm)	type of hammer clamping
BFLER	5 to 14 T	60 to 130	180 to 350	3	R50
BFLEL	14 to 20 T	80 to 160	150 to 400	3	T60 or T60S3
BFLE	sup. 20 T	110 to 250	180 to 400	3	

* Not including VAT

* Not including VAT

WOOD CHIPPERS AND COMPOST SHREDDERS



* Not including VAT



	EXPORT
VANNIER Pascal +33 6 12 99 77 26	

pascalvannier@bugnot.fr

* Not including VAT

COMPOST SHREDDER THE GLOUTONNET

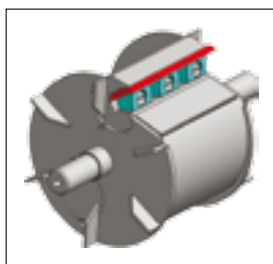
Technical specifications of the Gloutonnet:

- Rotor fitted with 3 reversible fixed blades of 50 mm and 1 adjustable counter blade
- Shredding capacity = (sigle diamètre) up to 6 cm
- Ejection chute with height adjustable cover
- Opening width on the rotor : 14 cm
- Opening width of the hopper : 47 cm
- Very easy maintenance through the access to the rotor by ejection chute pivoting
- Feed roller drive system with a crank (or with screwdriver with speed reduction Optional)
- Sizes (L x l x h) : 190 cm x 73 cm x 114 cm
- Weight : 104 kg
- Petrol engine Honda GP 200



Technical specifications of the electric Gloutonnet:

- Rotor fitted with 3 reversible fixed blades of 50mm and 1 adjustable counter blade
- Shredding capacity = (sigle diamètre) up to 6 cm
- Ejection chute with height adjustable cover
- Opening width on the rotor : 14 cm
- Opening width of the hopper : 47 cm
- Very easy maintenance through the access to the rotor by ejection chute pivoting
- Feed roller drive system with a crank (or with screwdriver with speed reduction Optional)
- Sizes (L x l x h) : 190 cm x 73 cm x 114 cm
- Weight : 117 kg
- Power engine : 3 kW single phase



Shredding by rotor fitted
with 4 reversible fixed blades
of 50 mm and 1 adjustable
counter blade

	Reference	Euro *
Gloutonnet with blades - Honda petrol engine GP 200 - manual feeding	GLOUTONNET	
Feed roller drive system with Milwaukee screwdriver with speed reduction and 1 replacement battery	OPTGLOUAVRM12BSD	
Additional set of reversible blades (3 of 50 mm)	GLOUOCT	
2 swivel wheels at the front instead of the shredder stands	OPTGLOU4ROUES	

	Reference	Euro *
Gloutonnet with blades - electrical engine 3 kW - manual feeding	GLOUTONNETELEC	
Feed roller drive system with Milwaukee screwdriver with speed reduction and 1 replacement battery	OPTGLOUAVRM12BSD	
Additional set of reversible blades (3 of 50 mm)	GLOUOCT	
2 swivel wheels at the front instead of the shredder stands	OPTGLOU4ROUES	

* Not including VAT

COMPOST SHREDDER THE GLOUTON WITH SWINGING HAMMER FLAILS OR BLADES

Common technical specifications of the Glouton with swinging hammer flails and blades:

- Shredding capacity = up to 8 cm Ø
- Manual feed roller driven by a crank (or by a drill optional)
- Ejection chute with height adjustable cover
- Opening width on the rotor : 14 cm
- Opening width of the hopper : 42 cm
- Very easy maintenance through the access to the rotor by ejection chute pivoting
- Sizes (L x l x h): 1,85 cm x 0,61 cm x 1,21 cm



Technical specifications of the Glouton with swinging hammer flails

- Shredding by rotor fitted with 8 swinging hammer flails and 1 counter blade
- Petrol engine Honda GX 390
- Weight : 160 kg



Rotor with 8 swinging hammer flails which dodge to avoid any breakage in the event of the presence of foreign bodies (nails, stones,...)



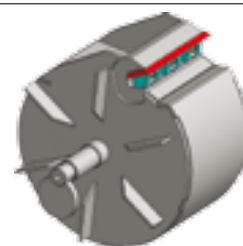
Technical specifications of the Glouton with blades

- Shredding by rotor fitted with 3 fixed blades and 1 counter blade
- Petrol engine Honda GX 270
- Weight : 145 kg
- Petrol engine Honda GX 390
- Weight : 150 kg



Option :
screwdriver
with reducer
for feed roller

Shredding
by rotor fitted
with 3 fixed blades
and 1 adjustable
counter blade



	Reference	Euro *
Swinging hammer flails Glouton with Honda petrol engine GX 390 manual feeding	GLOUTON12AM	
Set of 8 swinging hammer flails	GLOUJFL	
Attachment kit for pulling by compact tractor/quad	OPTGLOUATT	
Feed roller drive system with Milwaukee screwdriver with speed reduction and 1 replacement battery	OPTGLOUAVRM12BSD	
2 swivel wheels Ø 260 mm instead of the shredder stands	OPTGLOU4ROUES	
Option: Electric start (to be specified when ordering)	OPTGLOUDEM390	

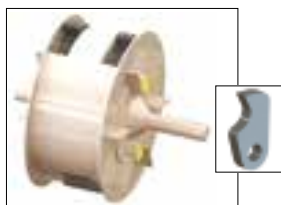
* Not including VAT

	Reference	Euro *
Blades Glouton with petrol engine GX 270 manual feeding	GLOUTON8AMOC	
Blades Glouton with petrol engine GX 390 manual feeding	GLOUTON12AMOC	
Set of reversible hammers (3 of 50 mm)	GLOUOCT	
Attachment kit for pulling by compact tractor/quad	OPTGLOUATT	
Feed roller drive system with Milwaukee screwdriver with speed reduction and 1 replacement battery	OPTGLOUAVRM12BSD	
2 swivel wheels Ø 260 mm instead of the shredder stands	OPTGLOU4ROUES	
Option: Electric start (to be specified when ordering)	OPTGLOUDEM270	

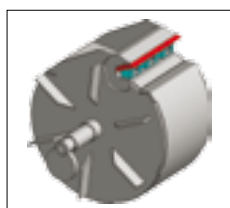
COMPOST SHREDDER SUPER GLOUTON SELF-PROPELLED AND 3 POINT LINKAGE

Common technical specifications of the Super Glouton 3 point linkage and self-propelled :

- Hydraulic drive of the feed roller
- Rotor fitted with 3 blades of 50 mm
- Shredding capacity = up to 10 cm Ø
- Ejection chute with height adjustable cover
- Opening width on the rotor : 14 cm
- Opening width of the hopper : 36,3 cm
- Very easy maintenance through the access to the rotor by ejection chute pivoting
- Rotor drive by PTO shaft 540 rpm



Rotor with 8 swinging hammer flails which dodge to avoid any breakage in the event of the presence of foreign bodies (nails, stones,...) 1 counter blade



Shredding by rotor fitted with 3 fixed blades and 1 counter blade

SUPER GLOUTON 3 POINT LINKAGE Rotor fitted with blades



SUPER GLOUTON 3 POINT LINKAGE	Reference	Super Glouton Blades*
Sizes (L x l x h)		1965 x 763 x 1458 mm
Weight		150 kg manual version 170 kg hydraulic version
Power required		15 à 35 hp
Super Glouton 3 point linkage with hydraulic feed	SUPERGLOUTON P3P	€
Set of 3 additional blades 50 mm	GLOUOCT	€

SUPER GLOUTON SELF-PROPELLED



- Studded drive wheels controlled by the forward/stop/rear control bar
- 2 swivel wheels at the front
- Hydraulic drive of the advancing and the feed roller activated by the forward/stop/rear control bar
- Handle for selecting the use of drive wheel mode or feed roller mode
- Emergency stop as standard

SUPER GLOUTON SELF-PROPELLED	Reference	Super Glouton Flails*	Super Glouton Blades*	Weight (kg)
Sizes (L x l x h)		1962 x 813 x 1455 mm	1962 x 813 x 1455 mm	
Super Glouton Self-propelled flails petrol engine Honda GX 390	SUPERGLOUTON	€	-	235
Super Glouton Self-propelled blades petrol engine Honda GX 390	SUPERGLOUTON OC	-	€	230
Self-propelled Super Glouton with flails - petrol engine Honda GX 390 - electric start - No Stress, front swivel wheels	SUPERGLOUTON NOST	€		250
Self-propelled Super Glouton with blades - petrol engine Honda GX 390 - electric start - No Stress, front swivel wheels	SUPERGLOUTONOCNOST		€	250
Option : 2-position widening front track 136 cm overall	OPTGLOU4ROUESSEL	€	€	
Set of 8 swinging hammer flails (additional)	GLOUJFL	€	-	
Set of 3 blades (additional)	GLOUOCT	-	€	

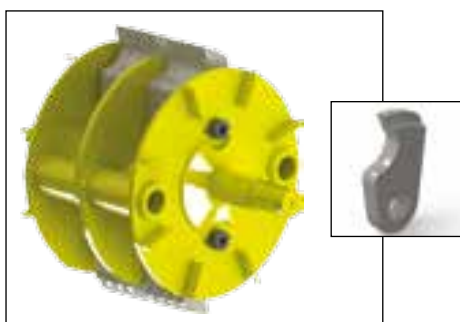
* Not including VAT

COMPOST SHREDDER BV N.23



Technical specifications

- Shredding by rotor fitted with 16 swinging hammer flails
- Feed roller
- The feeding is driven by a declutched mechanical system, with control bar
- Manual moving of the shredder
- Hopper with folding extension – very compact shredder
- Easy access to the rotor, to the feed roller and to the counter blade through the swing of the ejection
- Shredding capacity: Ø up to 8 cm
- Opening width on the rotor: 174 mm



Shredders fitted in series with 16 swinging hammer flails	Reference	Euro *
Petrol engine 14 hp, on trolley for manual moving	BV N23 14 AM	
PTO version 540 tr P3P	BV N23 PF	
Option		
Set of 16 flails	BV N23 JFL	
Attachment kit for pulling by compact tractor/quad	BV N23 ATT	

* Not including VAT

COMPOST SHREDDER BV N.34



Version on caterpillar track



On hydraulic self-propelled chassis

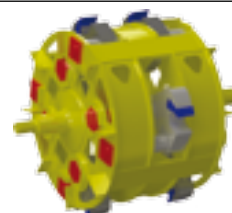
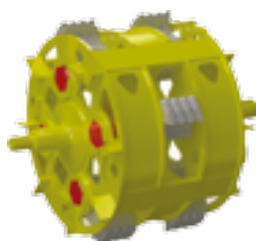
Technical specifications

- Shredding by rotor fitted with 24 swinging hammer flails or fitted with 6 cutting tools (option)
- Feed roller hydraulically driven with speed control through a bar



PTO version (3 point linkage)
for micro tractor – 540 rpm

- Hopper with folding extension – very compact shredder
- Easy access to the rotor, to the feed roller and to the counter blade through the swing of the ejection
- Electronic regulation of the working speed («NO STRESS»)
- Shredding capacity: Ø up to 10 cm
- Opening width on the rotor: 234 mm



Set of cutting tools
for woodchips

**Options and Accessories
go to page 84**

	Feed system	Feed roller hydraulic driven
Shredders fitted in series with 24 swinging hammer flails	Reference	Euro *
Petrol engine 14 hp, on trolley for manual moving	BV N34 14 AHS	
Petrol engine 14 hp, on hydraulic self-propelled chassis	BV N34 14 DHS	
Petrol engine 18 hp, on trolley for manual moving	BV N34 18 AHS	
Petrol engine 18 hp, on hydraulic self-propelled chassis	BV N34 18 DHS	
Petrol engine 25 hp, on hydraulic self-propelled chassis	BV N34 25 DHS	
Petrol engine 18 hp, version on caterpillar tracks	BV N34 18 CHS	
Petrol engine 25 hp, version on caterpillar tracks	BV N34 25 CHS	
PTO version, the roller is driven by the pump of the tractor	BV N34 HTS	
PTO version, the roller is driven by independent hydraulic system	BV N34 PHS	
Option		
Road trailer	REM BVN34	
Attachment kit for pulling by compact tractor/quad	BVN34 ATT	

* Not including VAT

COMPOST SHREDDER BV N.45



Petrol engine – on road trailer



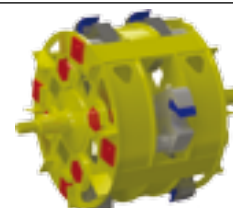
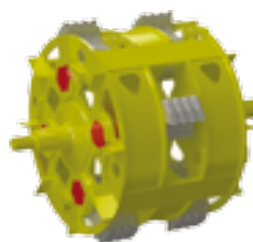
3 point linkage



Petrol engine – on self-propelled chassis

Technical specifications

- Shredding by rotor fitted in series with 24 swinging hammer flails or fitted with 6 cutting tools (option)
- Feeding through hydraulic control: Forward/Stop/Reverse
- Feed input of center - upper roller
- Easy access to the rotor, to the upper roller and to the counter blade through the swing of the ejection
- Road trailer with adjustable shaft – Driving licence B in France
- Electronic regulation of the working speed ("NO STRESS")
- Shredding capacity: Ø up to 120 mm
- Feed shredding or cutting width: 234 mm



Set of cutting tools
for woodchips

Options and Accessories go to page 84	Feed system	Feeding by upper roller hydraulic driven with "NO STRESS"	
		Reference	Euro [*]
Shredder fitted in series with 24 swinging hammer flails			
Version with petrol engine 18 hp – on unbraked road trailer		BVN45 18 RH	
Version with petrol engine 25 hp – on unbraked road trailer		BVN45 25 RH	
Version with petrol engine 25 hp – on hydraulic self-propelled chassis		BVN45 AH 25	
Petrol engine 25 hp, version on caterpillar tracks		BVN45 CH25E	
P3P – 3 point linkage – hopper perpendicular to the tractor, the roller is driven by independent hydraulic system		BVN45 PFH	
P3P – 3 point linkage – hopper perpendicular to the tractor, the roller is driven by the pump of the tractor		BVN45 HT	

* Not including VAT

COMPOST SHREDDER BV N.56

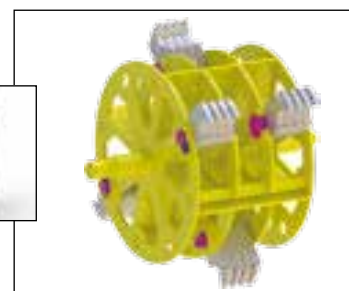
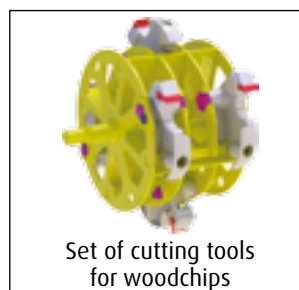


NEW : radio controlled shredder on tracks with automatic tilt correction



Technical specifications

- Shredding by rotor fitted in series with 24 swinging hammer flails or fitted with 6 cutting tools (option)
- Feeding through hydraulic control: Forward/Stop/Reverse
- Feed input of center (PATENT), upper roller and lower conveyor
- Easy access to the rotor, to the upper roller and to the counter blade through the swing of the ejection
- Road trailer with adjustable shaft - >750 kg - Driving licence B in France
- Broken trailer on the diesel engine 42 hp
- Electronic regulation of the working speed («NO STRESS»)
- Shredding capacity : up to 16 or 17 cm in diameter according to the models
- Feed shredding or cutting width: 234 mm



* Not including VAT

COMPOST SHREDDER

BV N.56

Shredder fitted in series with 24 swinging hammer flails	Accepted Ø	Feeding by upper roller and lower conveyor	
		Reference	Euro *
PTO version 540 rpm – 3 point linkage – perpendicular hopper – with folding extension in road position	17 cm	BVN56XL	
PTO version 540 rpm – 3 point linkage – hopper in the tractor axis – with folding extension in road position	17 cm	BVN56 PAXL	
PTO version 540 rpm – 3 point linkage – on trailer 1 axle 25 km/h – hopper in the tractor axis - with folding extension in road position	17 cm	BVN56 AGXL	
25 hp petrol engine version – unbroken road trailer (driving licence B)	16 cm	BVN56XL25E	
28 hp EFI petrol engine version – unbroken road trailer (driving licence B)	16 cm	BVN56XL28E	
30 hp petrol engine version – unbroken road trailer (driving licence B)	16 cm	BVN56XL30E	
37 hp EFI petrol engine version – unbroken road trailer (driving licence B)	16 cm	BVN56XL37E	
25 hp diesel engine version – 3-cylinder engine - unbroken road trailer (driving licence B)	16 cm	BVN56DIXL	
42 hp diesel engine version – broken road trailer	17 cm	BVN56D42XL	
Specific version on caterpillar tracks – 30 hp petrol engine	16 cm	BVN56CH30E	
Specific version on caterpillar tracks – 37 hp EFI petrol engine	17 cm	BVN56CH37E	
Specific version on caterpillar tracks – 37 hp EFI petrol engine - radio controlled shredder with adjustment of the tilt of the shredder	17 cm	BVN56CH37CD	
Electric engine (special conditions on this model, contact us)	17 cm	BV N56 ELXL	
Price reduction for hopper without the lower conveyor		MIN56TAP	

* Not including VAT

SHREDDER BRC.170



Technical specifications

- Shredding by rotor fitted with 6 reversible blades, output is optimized
- Shredding capacity: 170 mm in diameter
- Petrol engine 37 hp or diesel engine 25 hp
- Upper and lower feed rollers hydraulic driven with electronic regulation system « NO STRESS » to optimize the output
- Hydraulic feed system with control Forward / Stop / Reverse
- Easy and safe access to the rotor, to the feed rollers and to the counter blade through the swing of the ejection chute
- Width opening on the rotor : 234 mm
- Unbraked roadtrailer – Driving licence B
- Weight : less than 750 kg
- Dimensions L x W x H: 3.74 x 1.80 x 1.90 m

Shredder for branches with blades BRC.170	Reference	Euro *
With petrol engine 37 hp EFI	BRC170E37	
With diesel engine 25 hp	BRC170D25	

* Not including VAT

COMPOST SHREDDERS 100% ELECTRIC

BVN 56



Shredder fitted with 24 swinging hammer flails
or with 6 cutting tools (option)

Shredding capacity: **up to 17 cm in diameter**

Opening width on the rotor: 234 mm

Feed input of center, upper roller and lower conveyor

Hydraulic feed system with feed input of center and with control: Forward/Stop/Reverse

Easy access to the rotor, to the roller and to the counter blade through the swing of the ejection

Electronic regulation of the working speed («NO STRESS»)

Broken road trailer with adjustable shaft in height

BVN 70



Shredder fitted with 40 swinging hammer flails
or with 10 cutting tools (option)

Shredding capacity: **up to 20 cm in diameter**

Opening width on the rotor: 380 mm



Charger box

	BV N.56	BV N.70
Power	Electricity	Electricity
Battery	Lithium Iron Phosphate Battery 102 V - 280 Ah	Lithium Iron Phosphate Battery 153 V - 280 Ah
Charger	Standard equipped with 3 single-phase chargers of 3.3 kW (i.e. 10 kW)	
Indicative charging time in single-phase, 220 V network, full charge from 0 to 100%	8h30	13h
Indicative charging time in three-phase, 380 V network, full charge from 0 to 100%	3h	4h30
Motor	Asynchronous motor	
Motor power	22 kW	35 kW
Battery life	4h30 effective shredding (i.e. approximately a day of work)	5h30 effective shredding
Average consumption	7 kWh	10 kWh
Reference	BV N56 ELXL	BV N70 ELXL
Euro *		
Option : 6,6 kW chargers instead of 3,3 kW	CHAR6.6	

* Not including VAT

COMPOST SHREDDER BV N.70



Technical specifications

- Shredding by rotor fitted with 40 swinging hammer flails or fitted with 10 cutting tools (option)
- Feeding through hydraulic control, Forward/Stop/Reverse
- Feed input of center (PATENT)
- Easy access to the rotor, to the roller and to the counter blade through the swing of the ejection
- Electronic regulation of the working speed («NO STRESS»)
- Shredding capacity: up to 20 cm in diameter
- Feed shredding or cutting rotor width: 380 mm



Set of cutting tools
for woodchips

	NEW Feed system	Feeding by upper roller and extra large lower conveyor	
Shredder fitted in series with 40 swinging hammer flails		Reference	Euro [*]
37 hp EFI petrol engine – breaked and adjustable drawbar road trailer		BV N70 XL37E	
42 hp diesel engine – breaked and adjustable drawbar road trailer		BV N70 D42XL	
56 hp diesel engine – breaked and adjustable drawbar road trailer		BV N70 D56XL	
540 rpm PTO version – 3 point linkage – perpendicular hopper		BV N70 XLT	
540 rpm PTO version – 3 point linkage – hopper in the tractor axis		BV N70 PAXLT	
540 rpm PTO version – on trailer 1 axle 25 km/h - hopper in the tractor axis		BV N70 AGXLT	
1000 rpm PTO version – 3 point linkage – perpendidicular hopper		BV N70 XL MI	
1000 rpm PTO version – 3 point linkage – hopper in the tractor axis		BV N70 PAXLMI	
1000 rpm PTO version – 3 point linkage – on trailer 1 axle 25 km/h - hopper in the tractor axis		BV N70 AGXLMI	

* Not including VAT

COMPOST SHREDDER BV N.250

Special sale conditions
on that shredder



**MORE CAPACITY
MORE COMPACT
MORE POWERFUL**

Technical specifications

- Shredding by rotor fitted in series with 28 swinging hammer flails (type forestry) with tungsten carbide tip (width's tip = 20 mm)
- **Shredding capacity : up to 250 mm diameter**
- Feeding by 2 conveyors and 2 vertical rollers driven by hydraulic motors
- Large and **sloped** hopper **to optimize the mechanical and manual loading**

- Protective screen
(2 positions : - raised position for mechanical loading
- lowered position for manual loading)
- Cut opening size : width 53 cm x height 25 cm
- Ejection : recovery of shredded products by a propulsive disc
- Electrically orientable ejection by remote control
- Electronic regulation of the working speed
- Easy and safe access to the rotor and the counter blade through the swing of the ejection chute

	Feed system	Feeding by 2 vertical rollers, upper conveyor and lower conveyor	
Shredder fitted in series with 28 swinging hammer flails, type forestry with tungsten carbide tip		Reference	Euro *
Diesel engine version 136 hp, breaked and adjustable drawbar road trailer with double axle		BV N250 DI	
130 hp diesel engine version - double axle breaked and adjustable drawbar road trailer - with crane : lifting capacity 400 kg at 6 meters		BV N250 DMGR	Contact us
1000 rpm PTO version on land trailer		BV N250 PF	
1000 rpm PTO version on land trailer with crane : lifting capacity 400 kg at 6 meters		BV N250 PFGR	

* Not including VAT

WOOD CHIPPERS CBB 220



Technical specifications

- Feeding through upper conveyor
- « No Stress » system with the choice of 3 programs
- Folding ejection chute
- Access to the crushing disc by pivoting of the hopper
- Gauging grate on option
- Counter hours integrated into the « No Stress »
- Maximum chipping diameter 22 cm
- Engine version : the trailer is braked and fitted with adjustable shaft
- rotation of the wood chipper on turn table 180° (except P3P)
- Disc fitted with 2 blades of 80 mm wide and 2 of 40 mm wide
- Protective screen
- Trailer one axle in series for CBB220A
- Delivered with high speed steel blades in series and one spare set of blades

CBB	CBB 220 P3P	CBB 220 1 axle	CBB 220 2 axle
PTO 1000 rpm	▼		
PTO 540 rpm	□		
Diesel engine (hp)		56 or 74	56 or 74
Diesel tank capacity (L)	60	50	50
Diesel tank capacity (L.)	-	70	70
Hopper rotation 180°		▼	▼
Width x Length of the wood-chipper in road position (mm)	1540 x 2050	2090 x 4300	2090 x 4300
Height with the ejection chute folded (mm)	2100	2280	2200
Height with the ejection chute unfolded (mm)	2580	2760	2680
Average output (m³/ H)	10	10	10
Maximum Ø (mm)	220	220	220
Intake dimensions (mm)	230 x 230	230 x 230	230 x 230
Ø of the disc (mm)	890	890	890
Weight of the disc (kg)	160	160	160
Hopper opening (mm)	1070 x 610	1070 x 610	1070 x 610
Directional ejection	255°	255°	255°
Number of blades (40 mm wide)	2	2	2
Number of blades (80 mm wide)	2	2	2
Number of counter blades	7	7	7
Hopper height above ground (mm)	785	980	900
Weight (kg)	1200	2 430	2 460
Power mini (hp)	70	56 or 74	56 or 74
Power maxi (hp)	100		

▼ serie - □ optional

	Reference	Price in Euro *	Option: gauging grate in €	1 additionnal set of blades	Set of counter blades	Option : ECOREGUL in €	Drive 540 rpm in €
				High Speed Steel Blades (HSS)			
Version with diesel engine 56 hp - braked road trailer	CBB220 A56						
Version with diesel engine 74 hp - braked road trailer	CBB220 A74						
3 point linkage version - Hopper in the axis - Hitching cat. 2	CBB220 P3P						

Option*: Hydraulic lower conveyor: €

Option : chute extension of 50 cm : €

Option : road rear lights CBB220 3 point linkage : €

Option : Spare wheel : €

Hydraulic rotation of the turn table on option : € (on trailer only)

Trailer two axles on option : €

* Not including VAT

WOOD CHIPPERS CBB 300



Technical specifications

- Feeding through upper conveyor and lower conveyor (adjustable speed)
- « No Stress » system with the choice of 3 programs
- Folding ejection chute
- Access to the crushing disc by pivoting of the hopper
- Gauging grate on option
- Counter hours integrated into the « No Stress »
- Maximum chipping diameter 30 cm
- Engine version : the trailer is braked and fitted with adjustable shaft
- rotation of the wood chipper on turn table 180° (except P3P)
- Disc fitted with 4 blades of 80 mm wide
- Protective screen – foldable for use in mechanical load
- Trailer two axles for CBB 300A
- Delivered with high speed steel blades in series and one spare set of blades

CBB	CBB 300 A
Diesel engine	74 ch
Oil tank capacity (L)	50
Diesel tank capacity (L.)	70
Hopper rotation 180°	▼
Width x Length of the wood-chipper in road position (mm)	2090 x 4300
Height with the ejection chute folded (mm)	2300
Height with the ejection chute unfolded (mm)	2780
Average output (m³/ H)	18
Maximum Ø (mm)	300
Intake dimensions (mm)	300 x 300
Ø of the disc (mm)	1050
Weight of the disc (kg)	220
Hopper opening (mm)	1140 x 600
Directional ejection	255°
Number of blades (80 mm wide)	4
Number of counter blades	9
Hopper height above ground (mm)	890
Weight (kg)	2830
Power mini (hp)	74
Power maxi (hp)	

▼ series - □ optional

	Reference	Price in Euro *	Option: gauging grate in €	1 additional set of blades High Speed Steel Blades (HSS)	Set of counter blades	Option: remote control system for the conveyor	Option : ECOREGUL in €
Version with diesel engine 74 hp Braked road trailer	CBB300 A74						

Option : chute extension of 50 cm : €

Option : road rear lights CBB300 3 point linkage : €

Option : Spare wheel : €

Hydraulic rotation of the turn table on option : €

* Not including VAT

WOOD CHIPPERS CBB 300 P3P



CBB	CBB 300 P3P without crane	CBB 300 P3P with crane
PTO 1000 rpm	▼	▼
Oil tank capacity (L)	1 x 60	2 x 50
Width x Length of the wood chipper in road position (mm)	1 780 x 2 800	2 020 x 5 000
Height with the ejection chute folded (mm)	2 750	2 750
Height with the ejection chute unfolded (mm)	3 200	3 200
Average output (m³/ H)	20	20
Maximum Ø (mm)	300	300
Intake dimensions (mm)	300 x 530	300 x 530
Ø of the disc (mm)	1050	1 050
Weight of the disc (kg)	220	220
Hopper opening (mm)	1550 x 625	1550 x 625
Directional ejection	255°	255°
Number of blades	1 x 120 mm 3 x 80 mm	1 x 120 mm 3 x 80 mm
Number of counter blades	16	16
Hopper height above ground (mm)	600	600
Weight (kg)	1 700	2 700
Power mini (hp)	120	120
Power maxi (hp)	150	150

▼ series

Technical specifications of the crane

- Remote control drive
- With hydraulic or free crowding angle of the grab
- Maximum crane load : 400 kg at 6 meters
- Rotation angle of the crane : 210°
- Steerable grab 360°
- Maximum load capacity of the grab : 1 200 kg
- Grab opening : 1 120 mm
- Grab width : 350 mm

Wood chipper technical specifications

- Feeding through upper and lower conveyors (adjustable speed)
- « No Stress » with choice of 3 programs
- Folding ejection chute
- Access to the crushing disc by lifting of the hopper
- Optional : gauging grate
- Delivered with high speed blades as standard and one spare set of blades
- Foldable protective screen for use in mechanical load

	Reference	Price (€)	Option: gauging grate (€)	1 additional set of blades (€)	Set of counter blades (€)	Option : remote control (€)
				High speed blades		
PTO version - 3 point linkage - hopper in the tractor axis - hitching cat. 2	CBB305 P3P					916
PTO version - 3 point linkage - hopper in the tractor axis - with crane and remote control	CBB305 P3PGR					serie
PTO version - 3 point linkage - hopper at 45° - with crane and remote control	CBB305 P3PGR45	Contact us				

Option : electric orientation of the chute : €

Option : chute extension of 50 cm : €

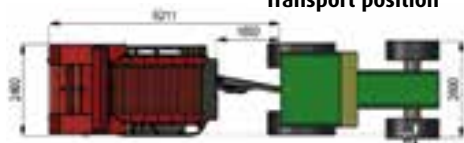
Option : road rear lights CBB305 P3P : €

* Not including VAT

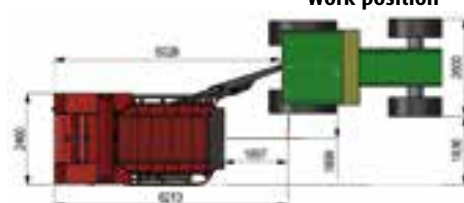
COMPOST SHREDDER BV E.30 PTO driven



Transport position



Work position



Technical specifications

- PTO driven (minimum power 200 hp)
- Maximum shredding capacity 35 cm between the feeding conveyors
- Opening hopper: 1,32 m (length of the lower conveyor: 2,90 m)
- Maximum output 80 m³/h - it means 5,9 tons/h
- Radio remote control of the conveyors: forward/stop/reverse
- Emergency stop bars all around the shredder with reset activated by operator following to the latest standards in force
- "NO STRESS" system: Electronic regulation of the working speed 3 different adjustable programs for a better yield and working flexibility
- Very simple and easy maintenance after opening of the side covers
- Rotor fitted with 68 flails
- Possibility to add a second anvil for a better shredding quality
- Hydraulic rear door
- Rotor identical to our forestry mulchers
- Double roller bearing ranges
- Trailer 1 axle 25 km/h

Type	Designation	Weight (kg)	Euro *
BV E.30 C AG	BV E.30 PTO driven on a removable trailer PTO 1 000 rpm	7 000	

* Not including VAT

COMPOST SHREDDER BV E.30 with engine

Special sale conditions
on that shredder



Technical specifications

- Maximum shredding capacity 35 cm between the feeding conveyors
- Hopper opening 1,32 m (length of the lower conveyor: 2,90 m)
- Maximum output 80 m³/h - it means 5,9 tons/h
- Radio remote control of the conveyors: forward/stop/reverse
- Emergency stop bars all around the shredder with reset activated by operator following to the latest standards in force
- "NO STRESS" system: Electronic regulation of the working speed 3 different adjustable programs for a better yield and working flexibility
- Very simple and easy maintenance after opening of the side covers
- Rotor fitted with 68 flails
- Possibility to add a second anvil for a better shredding quality
- Hydraulic rear door
- Rotor identical to our forestry mulchers
- Double roller bearing ranges
- Engine 200 hp

Type	Designation	Weight (kg)	Euro *
BV E.30 C MA	BV E.30 Compact on a trailer 1 axle 25 km/h driven by an engine of 200 hp	8 500	
BV E.30 C MR	BV E.30 Compact on road trailer driven by an engine of 200 hp	10 900	

* Not including VAT

OPTIONS and ACCESSORIES

Shredders	Number of flails by set	Set of flails		Set of flails with tungsten carbide tip	
		Reference of set	Euro *	Reference of set	Euro *
BV N.23	16	BVN23JFL		BVN23CAR	
BV N.34	24	BVN34JFL		BVN34CAR	
BV N.45	24	BVN45JFL		BVN45CAR	
BV N.56	24	BVN56JFL		BVN56CAR	
BV N.67	24	BVN67JFL		BVN67CAR	
BV N.70 and BV N.78	40	BVN78JFL		BVN78CAR	
BV N.89 (before February 2017)	40	BVN89JFL		BVN89CAR	
BV E.11 (version 2014/2016)	56	BVE11JFL		BVE11CAR	
BV E.11 (version before April 2014)	50	AMBVE11JFL		AMBVE11CAR	

Shredders	Number of flails by set	Set of flails forestry type with tungsten carbide tip	
		Reference of set	Euro *
BV N.89 (Starting from February 2017)	20	BVN89FL20	
BV E.11 (Starting from November 2016) and BV N.250	28	BVE11FL20	
BV E.30	68	68FLEAUXM20	

Shredders	Number of cutting tools by set	Set of pins for flails or cutting tools	
		Reference du jeu	Euro *
BV N.34	6	BN34OCT	
BV N.45	6	BVN45OCT	
BV N.56	6	BVN56OCT	
BV N.67	6	BVN67OCT	
BV N.70 and BV N.78	10	BVN78OCT	
BV N.89 (Starting from February 2017)	10	BVN89OCT32	
BV E.11 (Starting from November 2016) and BV N.250	14	BVE11OCT32	
Blade of cutting tools BVN.56, BVN.70, BVE.11, BV N.250		BV55LAM	
Blade of cutting tools BV N.34, BV N.45 and rotor BRC.170		BRCLAM	

Shredders	Number of pins by set	Set of pins for flails or cutting tools		Counter blade	
		Reference of set	Euro *	Reference of set	Euro *
BV N.23	2	BVN23AXE		BVN23CLA	
BV N.34	4	BVN34AXE		BVN34CLA	
BV N.45	4	BVN45AXE		BVN45CLA	
BV N.56	6	BVN56AXE		BVN56CLA	
BV N.67	6	BVN67AXE		BVN67CLA	
BV N.70 and BV N.78	10	BVN78AXE		BVN78CLA	
BV N.89 (Starting from February 2017)	10	BVN89AX32		BVN89CLA	
BV E.11 (Starting from November 2016) and BV N.250	14	BVE11AX32		BV11CLA (set of 2 pieces)	

Shredders	Spare wheel for road trailer	
	Reference	Euro *
BV N.45	BVN45RDS	
BV N.56	BVN56RDS	
BV N.67	BVN67RDS	
BV N.70	BVN70RDS	
BV N.89	BVN89RDS	
BV E.11	BV11RDS	

* Not including VAT

General Terms of sale

Definitions

« The Company » means BUGNOT S.A.S., BROYEURS BUGNOT S.A.S. or BUGNOT 55 S.A.S. « The Customer » means the person, firm, company or organization who orders the goods.

Article 1 – Application and opposability of general terms of sale

The present general terms of sale are systematically addressed or delivered to each Customer, giving him the possibility to place an order. Consequently, the fact to place an order implicates that the Customer approves this general terms of sale without any reserve.

Article 2 – Order booking and order modification

The orders are definitive when there are confirmed in writing. The Company is bound to the orders booked by its agents or employees when confirmed in writing and signed. Each order modification or cancelling can only be taken into consideration when the Customer informs the Company in writing, before the dispatch of the goods.

Article 3 – Delivery terms, delivery time and risks

The Company's policy is one of continuous development and improvement. Accordingly descriptions, specifications, prices, sizes, weights etc. shown in price lists, leaflets etc. are subject to change. Final specification on equipment (including price and terms) will be contained in our order acknowledgement. The delivery is executed through direct supplying to the Customer or through simple advice to the Customer that the goods are ready for collecting or through delivery to a shipper or carrier in our premises. Deliveries are executed according to the delivery time specified and the available stocks. The Company is authorized to carry out global or part deliveries. Delivery times are indicated and precised as possible, but depend on the Company's supplying and transport possibilities. Damages claim or cancelling of an order on hand because delivery time is not met is excluded. However, if the product is not delivered after 60 days date indicated delivery, except of act of God, the one or the other party can cancel the order. The deposit will be restituted to the Customer except for any other compensation or damages. Are considered to be acts of God releasing the Company from obligation to deliver : war, riot, fire, strike, accident or the impossibility to be supplied. The Company must inform the Customer, at the appropriate time, of the cases or events above listed. The goods are carried at Customer's risks. The risks transfer takes place from shipment from the Company's premises. Damage or missing parts must be notified to the carrier in writing and by registred letter with acknowledgement of receipt 3 days at the latest after receiving the goods.

Article 4 – Receipt of goods, claims, return of goods.

As soon as the Customer receives the goods, he has to check their conformity with the sale contract. Every claim concerning visible defects or wrong delivery must be notified in writing 8 days after receipt of goods. The Customer must provide each justification about the reality of noted defects and anomalies. The Company only is allowed to palliate the defects. The Customer is not authorized to carry out himself modifications or let a third party execute repairing work. Every return of goods is subject to formal agreement between the Company and the Customer. If the goods are returned without prior agreement, it cannot be made out any credit note. The Customer is always in charge of return costs and risks. Every return accepted by the Company

will lead to a credit note in favour of the Customer, after qualitative and quantitative checking of the returned goods. The goods can as well be replaced free of charge, to the exclusion of any damages and compensation.

Article 5 – Prices and invoicing

All goods are delivered at the ruling price when placing the order. Prices are given exclusive of VAT and ex-works. For each delivery, the Company makes out an invoice. Our invoices are payable at the Company's head office BUGNOT S.A.S. in ROCHES-BETTAINCOURT (FRANCE) BROYEURS BUGNOT S.A.S. in ROCHES-BETTAINCOURT (FRANCE) BUGNOT 55 in CHAUVENCY-SAINT-HUBERT (FRANCE)

Article 6 – Terms of payment - Late payment

Terms of payment are as follows : payment before delivery. In case of late payment, the Company can suspend all the orders on hand.

Article 7 – Title to property

All goods shall remain the property of the Company until the Customer has paid in full the whole of the contract price (according to the law of 12.05.1980). While the goods remain in the ownership of the Company, the Customer shall keep them and insure them against damage, destruction or theft for their full value. The Customer is authorized to resell the goods of the contract, but he must pay immediately to the Company the outstanding sum if the amount or a part of the amount is still due, or to inform the Company of this reselling so as the Company can preserve its rights and, if the case arises, can exert a claim against the reselling price to the sub-purchaser. The Customer is expressly prohibited from creating any mortgage, charge, lien or other encumbrance adverse to the title of the Company. In case of garnishment, or any intervention of a third party on the goods, the Customer must immediately inform the Company.

Article 8 – Warranty

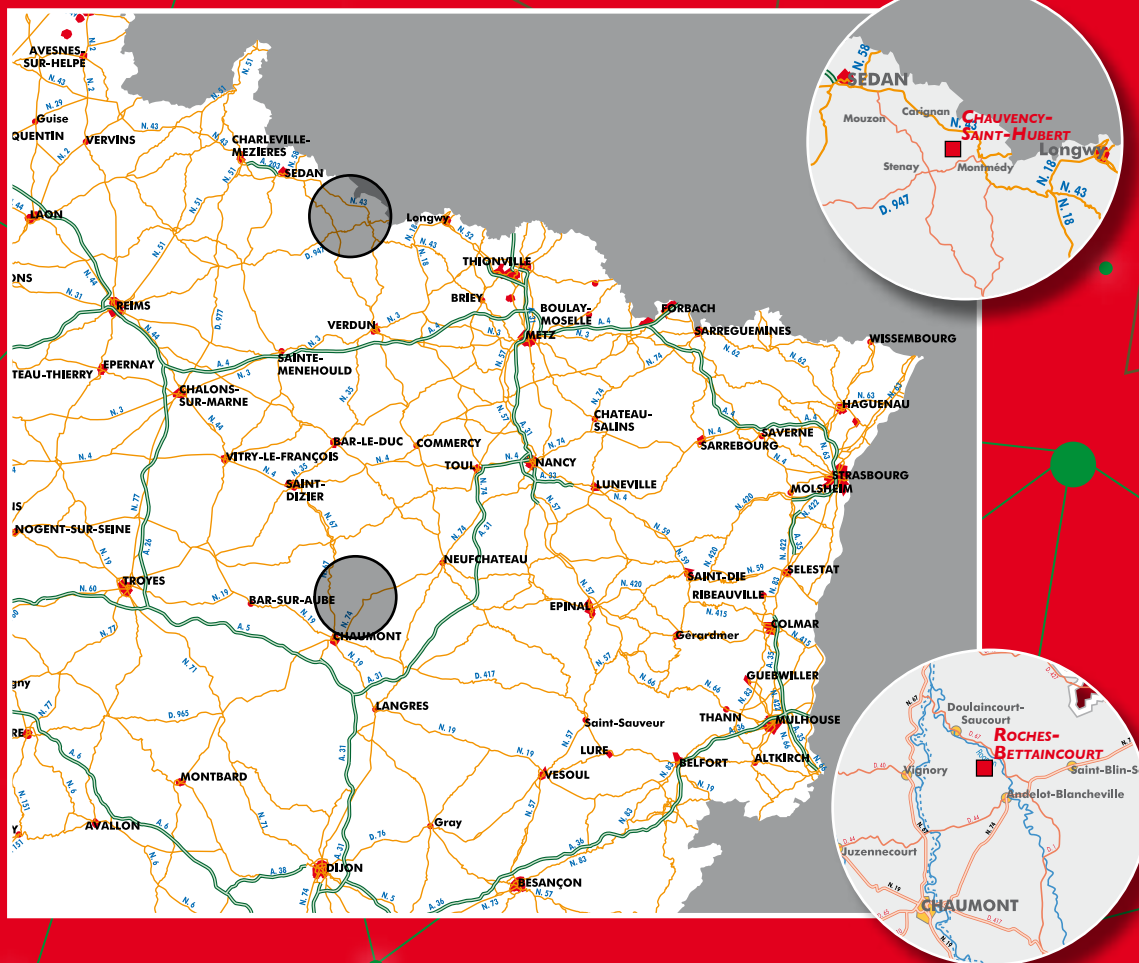
Goods are covered by the warranty against material or manufacturing defect during 12 months after delivery date. Repairing work or product replacement cannot prolong the warranty duration. The only obligation of the Company is to replace the faulty parts. The costs of labour will be payable by the Customer. The Company's after sales service checks the faulty goods and give its acceptance for warranty and parts replacement. Eventual carriage costs are payable by the Customer. The Company shall not be liable in any circumstances for any loss, injury or expense, whether direct or indirect, which may arise for any reason whatsoever from any defect in or otherwise in connection with any goods supplied or work done by the Company. The user must be in conformity with the Highway Code, and he is responsible for the machine linked to the tractor.

Article 9 – Court of competent jurisdiction

In case of litigation or contestation relative to the order fulfilment, only the court of CHAUMONT (52) and VERDUN (55) in France are competent to settle the litigation, unless the Company prefers to refer to any other court of competent jurisdiction. This applies as well for drafts which are payable outside the Company's domicile.

Article 10 – Price list

All previous price lists are cancelled.



BUGNOT 

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