

Wood Chippers & Chipper Shredders





Optimise your green waste.

In order to optimise the potential of your shredding and chipping, we have paid special attention to the design of our range of chipper-shredders in order to provide you with high quality chips and mulches that will enable you to optimise the use of your green waste, rather than just simply reducing the volume.



(RCW)RAMIAL CHIPPED WOOD

Made up from young branches and fresh wood residue, high in sugars, proteins, cellulose, lignin, the RCW has a beneficial influence on soil fertility. It contributes the improvement of poor soils, that are porous or run down. Another advantage is that the RCW mixed with soil retains water, and then making it available, which has the advantage of reducing the need for watering.

Possible uses : *Market gardening, vegetable gardens, gardens...*



MULCHING

Not only is it aesthetic and decorative, but mulching is an excellent «weedkiller». It's opaque layer prevents weeds from growing, and therefore eliminates the use of chemical herbicides. It also protects your plants from the cold and frosts, therefore keeping the root system in excellent condition in preparation for spring growth. In order to benefit from these advantages a depth of only 3 to 4 cm is sufficient for the protection of the roots and a lasting aesthetic effect.

Possible uses : *Flowerbeds and shrubberies, vegetable gardens, pot plants, paths...*



COMPOST

Composting is a biological process that transforms organic matter. Microorganisms transform the residue that has been mulched, grass cuttings, or food waste into a product called humus that is rich in nutrients. As a result chipped branches and other residues encourage the process of fermentation by microorganisms, therefore providing a high-quality additive for the soil.

Possible uses : *Adding value to «green waste» for local authorities, creating peat...*



BIO ENERGY

Woodchips provide added value for your pruning work, or residues from the timber industry by providing an organic heating fuel that has a good energetic yield. It also helps to develop the local economy by adding value to prunings and other byproducts in the form of energy

Possible uses : *Adding value to byproducts from the timber industry, heating...*



2 high-performance techniques, 1 high quality cut.



BRANCH AND GREEN WASTE SHREDDERS (BVN RANGE)

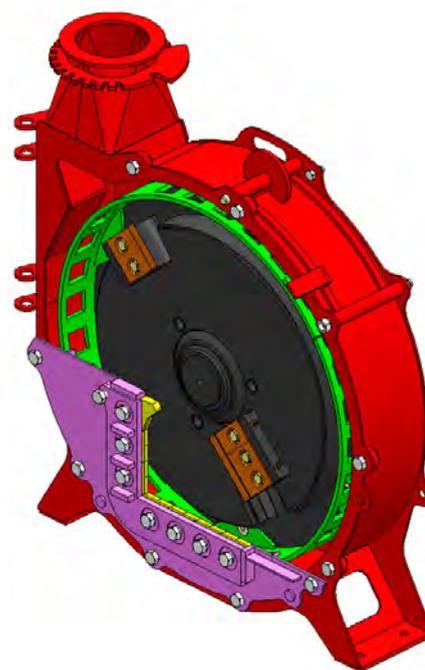
Capacity, power, polyvalence define our multi-plant matter range of shredders. Thanks to an offset opening and a rotor drum that can be equipped with either moving flails or fixed blades (option). You can shred all types of branches, plant matter and prunings and obtain a high quality mulch.



BLADED BRANCH CHIPPER (CBB RANGE)

A range of chippers that go from 16 to 35 cm, that excel when dealing with prunings and the production of wood chips.

Equipped with a chip size calibration grid as well as blades in a spiral, your chipper will provide you with perfect chips and a maximised output.





An answer for every requirement.

1

TRAILED

(Page 6)



2

POWER TAKEOFF

(Page 8)





Our Bugnot range of chippers is the result of many decades of experience, innovations and the desire to help local authorities, contractors, landscape gardeners and all those who are seeking high performance and maximum efficiency in order to reduce the volume and add value to their green waste.

With around 20 models configured into different versions (trailer, power takeoff, tracked, ...), all with different features and options, **the BVN and CBB ranges** will meet everyone's requirements.

3

TRACKED & SELF-PROPELLED

(Page 10)



4

HIGH-CAPACITY CHIPPERS

(Page 12)



Trailed

6 models

Our range of **trailed chippers** is made up of models with different motors, mounted on unbraked trailers (< 750 kg) and therefore requiring only a standard driving licence, and also the more powerful models being mounted on braked trailers.

Two types of shredding, either the BVN range of shredders, with rotors fitted with moving flails or fixed blades (*option*), or the CBB range of shredders that are fitted with cutting discs. The loading hoppers in the case of the BVN range are offset, optimising the handling of light prunings by the intake system. These feed intake systems, with hydraulic drive differ depending on the model: single upper intake roller, or upper intake roller with a conveyor below, or twin intake conveyors. All the models are equipped with a No Stress, electronic intake rate control system.



BV N.45

Rotor fitted with **24 moving flails** or 6 fixed blades (*option*)
Fed using an upper intake roller .
Hopper with offset opening

-  **Permitted diameter** 12 cm
-  **Rotor width** 234 mm
-  **Estimated weight** 550 kg
-  **Engine power** 18 and 25 hp petrol
-  **Estimated intake capacity** 4 m³/h



BV N.56

Rotor fitted with **24 moving flails**
on 6 fixed blades (*option*) Fed using
an upper intake roller with a lower conveyor
belt. Hopper with offset opening

-  **Permitted diameter** 16 cm or 17 cm
-  **Rotor width** 234 mm
-  **Estimated weight** 680 to 1250 kg
-  **Engine power** 25 and 30 hp petrol,
28 and 37 hp petrol EFI, 25 and 42 hp diesel
-  **Estimated output** 5 to 6 m³/h



BV N.70

Rotor fitted with **40 moving flails** or 10 fixed blades (*option*) Fed using an upper intake roller with a lower conveyor belt. Hopper with offset opening

- Permitted diameter** 20 cm
- Rotor width** 380 mm
- Estimated weight** 1400 to 1650 kg
- Engine power** 37 hp petrol EFI, 42 and 56 hp diesel
- Estimated output** 10 m³/h



BV N.89

Rotor fitted with **20 forestry type moving flails** or 10 fixed blades (*option*) Fed using an upper intake roller with an extra wide lower conveyor belt, or by twin conveyor belts. Hopper with offset opening

- Permitted diameter** 20 cm
- Rotor width** 380 mm
- Estimated weight** 2300 kg
- Engine power** 56 and 75 hp diesel
- Estimated output** 12 m³/h



CBB.160

Cutting disc fitted with two blades and with 6 stationary blades. Fed by two horizontal intake rollers

- Permitted diameter** 16 cm
- Disc diameter** 600 mm
- Disc weight** 65 kg
- Poids indicatif** 745 kg and 1050 kg
- Engine power** 37 hp petrol EFI, 25 and 42 hp diesel
- Estimated output** 6 m³/h



CBB.220

Cutting disc fitted with four blades and with 7 stationary blades. Fed using an upper intake conveyor belt. Braked road trailer with single or twin axles

- Permitted diameter** 22 cm
- Disc diameter** 890 mm
- Disc weight** 160 kg
- Weight** 2400 kg
- Engine power** 56 and 74 hp diesel
- Estimated output** 10 m³/h

Power take off

7 models

For use with a tractor, our range of **power takeoff driven chippers** has several models that unite power and capacity. They are either 3 point linkage mounted, or in the case of some versions fitted with agricultural running gear. Generally the hoppers are perpendicular to the tractor, although they can be in line for certain BV N. and CBB versions.

Two types of shredding: on the one hand, the BV N. chippers with rotors that are equipped with mobile flails or fixed blades (option) and on the other hand, the CBB range of chippers that are equipped with a cutting disc. The loading hoppers in the BV N range generally have an offset opening, a set up that optimises the feed intake system when loading light prunings. The feed intake systems with hydraulic drive (except BV N.23) vary depending on the models: a single upper intake roller, and upper intake roller and lower conveyor belt, or twin conveyor belts. All the models (with the exception of BV N.23) are equipped with the No Stress, electronic working speed regulation system.



BV N.23

Rotor equipped with **16 mobile flails**. Feed intake via an upper mechanically driven intake roller

-  8 cm
-  174 mm
-  300 kg
-  20 hp
-  1 m³/h

BV N.34

Rotor equipped with **24 mobile flails** or 6 fixed blades (*option*). Feed via an upper intake roller

-  10 cm
-  234 mm
-  350 kg
-  25 hp
-  2 m³/h

BV N.45

Rotor equipped with **24 mobile flails** or 6 fixed blades (*option*). Feed via an upper intake roller. Offset hopper opening.

-  **Permitted diameter** 12 cm
-  **Rotor width** 234 mm
-  **Weight** 410 kg
-  **Tractor power** 30 hp
-  **Estimated output** 3 m³/h

**BV N.56**

Rotor equipped with **24 mobile flails** or 6 fixed blades (*option*). Feed via an upper intake roller and a lower conveyor belt. Hopper with offset opening

Permitted diameter 17 cm

Rotor width 234 mm

Weight 580 kg

Tractor power 40 hp

Estimated output 5 m³/h

**BV N.70**

Rotor fitted with **40 moving flails** or 10 fixed blades (*option*). Fed using an upper intake roller with a lower conveyor belt. Hopper with offset opening

20 cm

380 mm

1000 kg

60 hp

10 m³/h

**BV N.89**

Rotor fitted with **20 forestry type moving flails** or 10 fixed blades (*option*) Fed using an upper intake roller with an extra wide lower conveyor belt, or by twin conveyor belts. Hopper with offset opening

20 cm

380 mm

1450 kg

70 hp

12 m³/h

**CBB.160**

Cutting disc fitted with two blades and with 6 stationary blades. Fed by two horizontal intake rollers

16 cm 550 kg

600 mm 40 / 60 hp

65 kg 6 m³/h

**CBB.305**

Cutting disc fitted with four blades and with 16 stationary blades. Fed using both an upper intake conveyor belt and lower conveyor belt.

Permitted diameter 30 cm

Disc diameter 1050 mm

Disc weight 220 kg

Weight 1700 kg

Tractor power min/max 120 / 150 hp

Estimated output 20 m³/h

**CBB.220**

Cutting disc fitted with four blades and with 7 stationary blades. Fed using an upper intake conveyor belt.

22 cm 1200 kg

890 mm 70 / 100 hp

160 kg 10 m³/h



Tracked & Self-propelled



BV N.23

Rotor equipped with **16 mobile flails**
Trolley version for **moving manually**
Mechanical **upper intake roller**



Permitted diameter 8 cm



Rotor width 174 mm



Weight 270 kg



Motor power 14 hp



Estimated output 1 m³/h



BV N.34

Rotor equipped with **24 mobile flails** or 6 fixed blades (*option*).
Feed via an upper intake roller



Permitted diameter 10 cm



Rotor width 234 mm



Motor power 18 et 25 hp petrol



Estimated output 2 m³/h

Version with self-propelled chassis



Weight 390 kg



Dimensions L x w x h 1,63 x 0,79 x 1,42 m

Version with tracked chassis



Weight 540 kg



Dimensions L x w x h 1,63 x 0,78 x 1,56 m



4 models

For difficulties with access and manoeuvring in confined spaces, Bugnot offers versions that are designed specifically to meet the requirements of professionals. **Various tracked or wheeled self-propelled versions** are available in order to provide different solutions in terms of chipping capacity, dimensions and drive system. The hoppers have different feed intake systems with hydraulic drive depending on the model: single upper intake roller, or upper intake roller with lower conveyor belt. All models (with the exception of BV N. 23) are fitted with the No Stress work speed regulation system.



BV N.45

Rotor equipped with **24 mobile flails** or 6 fixed blades (*option*). Mechanical upper intake roller.

 12 cm

 234 mm

 25 hp petrol

 3 m³/h

Version with self-propelled chassis

 **Weight** 500 kg

 **Dimensions L x w x h**
1,84 x 0,90 x 1,55 m

Version with tracked chassis

 690 kg

 2,00 x 0,90 x 1,60 m



BV N.56

Rotor equipped with **24 mobile flails** or 6 fixed blades (*option*).
Mechanical upper intake roller.

 **Permitted diameter** 16 and 17 cm

 **Rotor width** 234 mm

 **Motor power** 30 and 37 hp EFI petrol

 **Estimated output** 5 to 6 m³/h

Version with tracked chassis

 **Weight** 1200 kg

 **Dimensions L x w x h** 1,98 x 1,23 x 1,80 m

Tracked version, radio controlled, with automatic chipper and engine levelling

 1700 kg

 2,35 x 1,20 x 1,80 m

Shredders with a huge appetite for reducing the volume of waste.

4 models

For jobs where there is a huge volume of waste to be processed, Bugnot offers a choice of shredding systems on several high capacity models.

The BV E.11, BV N.250 and BV E.30 models are equipped with mobile flails and wide rotors in order to process the volumes entering their intake hoppers that are oversized and also fitted with long conveyor belts. The design favours simple and efficient mechanical loading by a handler or by a shredder mounted crane. In the case of the CBB 305 model the chipping system consists of a large diameter disc that leaves a wide cutting channel. This shredder is available with a high capacity radio controlled crane.



BV E.11

Rotor fitted with **24 forestry type moving flails** or 14 fixed blades (*option*)
Fed using an upper intake conveyor belt, two lateral rollers, and a long lower conveyor.

 **Permitted diameter** 20 cm

 **Rotor width** 530 mm

 **Length of lower conveyor** 2 m

 **Estimated output** 15 m³/h

Power take off version on agricultural running gear

 **Weight** 2100 kg and 2600 kg with crane

 **Tractor power min/max** 100 / 150 hp

Diesel engined version on braked road trailer

 **Weight** 2750 kg and 3500 kg with crane

 **Engine power** 75 hp diesel



BV N.250

Rotor fitted with **28 forestry type moving flails** or 14 fixed blades (*option*). Fed using an upper intake conveyor belt, two lateral rollers, and a long lower conveyor. Extra large loading hopper that is inclined to optimise mechanical and manual loading. Fed using an upper intake conveyor belt, two lateral rollers, and an extra long lower conveyor.

 25 cm

 2 m

 530 mm

 16 m³/h

Power take off version on agricultural running gear

Diesel engined version on braked road trailer

 **Weight** 2600 kg and 3200 kg with crane

 **Weight** 3200 kg

 **Tractor power min/max** 100 / 150 hp

 **Engine power** 130 hp diesel



BV E.30

Rotor fitted with **68 forestry type moving flails** or xx fixed blades (*option*) ??? Fed using an upper intake conveyor belt, and an extra long lower conveyor.

 35 cm

 2,90 m

 1320 mm

 xx m³/h

Power take off version on agricultural running gear

Diesel engined version on agricultural running gear

 **Weight** xxxx kg

 **Weight** xxxx kg

 **Tractor power min/max** 100 / 150 cv

 **Engine power** 200 hp diesel

Diesel engined version on braked road trailer

 **Weight** xxxx kg

 **Engine power** 200 hp diesel

CBB.305

Cutting disc fitted with four blades, and 16 stationary blades. Fed by an upper intake conveyor and a lower conveyor

 **Permitted diameter** 30 cm

 **Disc diameter** 1050 mm

 **Cutting chamber opening** 300 x 530 mm

 **Disc weight** 220 kg

 **Weight** 1700 kg and 2500 kg with crane

 **Tractor power min/max** 120 / 150 hp

 **Estimated output** 20 m³/h



GENERAL INFORMATION

	BVN. 23	BVN. 34	BVN. 45
Capacity/ Ø permitted (in mm)	80	100	120
Estimated output of shredded material (in m3/H)	5	12	20
Rotor cutting heads (BVN range) / Number of blades(CBB range)	16 flails	24 flails or 6 blades	24 flails or 6 blades
Rotor width or disc Ø for CBB (in mm)	174	234	234
Feed intake system	Roller	Roller	Roller
« No Stress »Electronic regulation system	✗	✓	✓

TRAILER MOUNTED SHREDDERS



	BVN. 45	BVN. 56	
Carburant	Petrol	Petrol	Diesel
Engine power (in hp)	18 - 25	25 à 37	25 42
Cylinder capacity (in cc)	570 - 725	688 to 999	1028 1794
Estimated weight (kg)	550	625 à 700	745 1250
Fuel tank capacity (in litres)	33	33	33 33
Hydraulic tank capacity (in litres)	25	25	25 25
Type of road trailer/trailer homologation MMTA (formerly total laden weight)	1 axle unbraked / <750	1 axle unbraked / <750 1 axle braked / 1300	
Hopper dimensions width x depth (in mm)	902 x 1500	1020 x 1630	
Hopper loading height (in mm)	780	780	
Overall dimensions L x W x H (in mm)	2620 x 1380 x 1980	3300 x 1380 x 2000	

POWER TAKEOFF (PTO) DRIVEN SHREDDERS



	BVN. 23	BVN. 34	BVN. 45	BVN. 56	
Power takeoff (RPM)	540	540	540	540	
Tractor power min/max (in hp)	10 to 20	15 to 30	20 to 40	25 to 50	
Shredder direction / tractor	Perpendicular	Perpendicular	Perpendicular	Perpendicular	In line with tractor
Hitch	3PH	3PH	3PH	3PH	
Weight (kg)	300	350	410	550	
Folding hopper curtain	✓	✓	✓	✓	✓
Hopper dimensions width x depth (in mm)	506 x 1410	496 x 1341	902 x 1500	934 x 1653	
Hopper loading height (in mm)	1000	1000	700	780	
Overall dimensions L x W x H (in mm)	1500 x 950 x 1500	1520 x 960 x 1380	1260 x 1800 x 2000	1260 x 1800 x 2000	(2090 x 1265 x 2000)

SPECIALIST SHREDDERS



	BVN. 23	BVN. 34	
Means of movement	Trolley mounted for manual movement	Trolley mounted for manual movement	Chassis mounted self-propelled/hydraulic drive
Carburant	Petrol	Petrol	
Engine power (in hp)	14 / 429	14 to 25	
Cylinder capacity (in cc)	429	429 to 725	
Weight (kg)	270	310	380
Fuel tank capacity (in litres)	7	7	12
Hydraulic tank capacity (in litres)		10	28
Hopper dimensions width x depth (in mm)	506 x 1010	506 x 1342	
Hopper loading height (in mm)	1010	1030	1120
Overall dimensions L x W x H (in mm)	1500 x 700 x 1500	1520 x 800 x 1420	1520 x 700 x 1500



TECHNICAL CHARACTERISTICS

BVN. 56	BVN. 70	BVN. 89	BVE. 11	BVN. 250	CBB. 160	CBB. 220	CBB. 300
160 or 170	200	200	200	250	160	220	300
30	45	50	60	80	6	10	20
24 flails or 6 blades	40 flails or 10 blades	20 flails (width 20mm) or 10 blades	28 flails or 14 blades	28 flails or 14 blades	1 (120mm) + 1 (80mm)	2 (40mm) + 2 (80mm) blades	1 (120mm) + 3 (80mm)
234	380	380	543	543	0 700	0 890	0 1050
Roller + lower conveyor	Roller + lower conveyor	Roller or upper conveyor and lower conveyor	Upper conveyor and lower conveyor and two lateral rollers	Upper conveyor and lower conveyor and two lateral rollers	Two rollers	Upper conveyor	Upper conveyor and lower conveyor
✓	✓	✓	✓	✓	✓	✓	✓

BVN. 70		BVN. 89	BVE. 11	BVE. 11 avec grue	BVN. 250	CBB. 160		CBB. 220	CBB. 300
Petrol	Diesel	Diesel	Diesel	Diesel	Diesel	Petrol	Diesel	Diesel	Diesel
37 - 56	42 - 56	56 - 75	75	75	130 à 136	37	25 - 42	56 - 75	75
999 - 1537	1794 - K 1861	K 1861 - 2482	K 2482	K 2482	3600	999	1028 - 1794	K 1861 - 2482	K 2482
1450	1650	2300	2800	3300	(3450)	745	1210	2460	2830
70	70	70	70	70	70	33	70	70	70
40	40	70	70	70	70	15	15	50	50
1 axle braked / 1800	1 axle braked / 2000	1 axle braked / 2500	1 axle braked / 3000	Twin axle, braked / 3500	Twin axle, braked / 3500	1 axle unbraked < 750	1 axle braked / 1300	1 or 2 axle braked / 2500	Twin axle, braked / 3000
1200 x 1660		1400 x 1750	1043 x 2600	1043 x 2600	1420 x 2500	1020 x 690		1070 x 610	1140 x 600
790		800	760	760	900	740	720	980	890
3800 x 1800 x 2100		4100 x 2100 x 2100	6100 x 1850 x 2550	(6100 x 1850 x 2875)	5750 x 2020 x 3060	3460 x 1450 x 1950	3500 x 1650 x 1950	4395 x 2190 x 2280	4380 x 2090 x 2350

	BVN. 70			BVN. 89			BVE. 11	BVN. 250	CBB. 160	CBB. 220	CBB. 300
	540 or 1000			1000			1000	1000	540 ou 1000	540 ou 1000	1000
	40 to 70			60 to 90			90 to 150	140 to 210	35 to 55	70 to 100	120 to 150
In line with tractor	Perpendicular	In line with tractor		Perpendicular	In line with tractor		In line with tractor	In line with tractor	In line with tractor	In line with tractor	In line with tractor
Agricultural running gear	3PH		Agricultural running gear	3PH		Agricultural running gear	Agricultural running gear	Agricultural running gear	3PH	3PH	3PH
✓	✗	✗	✗	✗	✗	✗	✓	✗	✗	✓	✗
	1200 x 1665			1400 x 1750			1043 x 2600	1420 x 2500	1020 x 690	1070 x 610	1550 x 625
	750			750		830	760	900	630	700	825
(3460 x 1700 x 2000)	2500 x 1690 x 2500	(2750 x 1500 x 2050)	(4100 x 1900 x 2050)	2550 x 1800 x 2000	2800 x 1750 x 2050	4060 x 1900 x 2100	5400 x 1950 x 2550	5400 x 1950 x 2950	2340 x 1300 x 1870	2200 x 1540 x 2000	5000 x 2020 x 2750

	BVN.45			BV N.56						
Chassis mounted with tracks	Chassis mounted self- propelled/hydraulic drive		Chassis mounted with tracks	Chassis mounted with tracks			Chassis mounted with tracks, radio controlled, automatic levelling			
	Petrol			Petrol		Diesel	Petrol		Diesel	
	25			30 - 37		25	37		25	
	688 - 725			747 to 999		1028	999		1028	
540	500	690		1200			1650		1700	
12	22			33			33			
12	27	45		70			70			
	696 x 1359			934 x 1830			934 x 1830			
1270	1130		1170	740			780			
1520 x 800 x 1420	1840 x 900 x 1550		2200 x 900 x 1600		1980 x 1230 x 1800			2350 x 1200 x 2100		



Manufacturing farm machinery since 1915.

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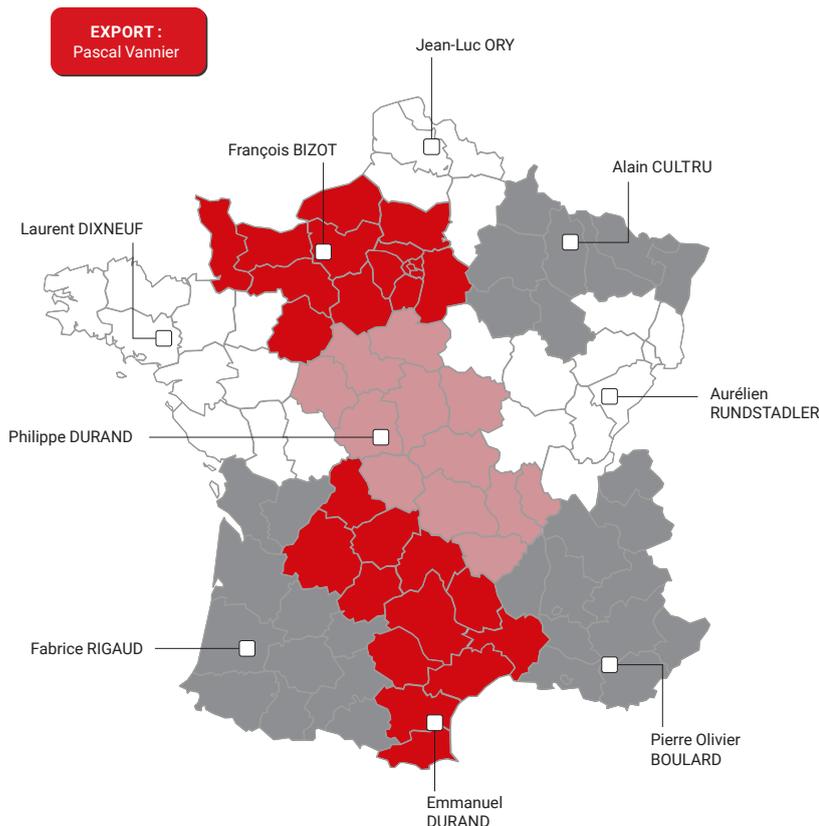
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YOUR BUGNOT DEALER

