



**TRISYSTEM** A SINGLE MACHINE  
CUT, LOAD, DISTRIBUTE





# TRISYSTEM

A single machine to carry out three activities at a single stage of work.  
Perfect for feeding cows and goats with fresh grass and zero grazer.

CUT



LOAD



FEED OUT



**Advantages: Lower costs • More milk • More meat • Greater quality • More free time**



Bonino Self-Loading Trysystem Cutter Wagons cut the grass, load it onto the wagon and automatically distribute it in the manger of the stable. So there is no need for grazing. This results in lower costs, greater quality of milk and meat and more free time for operators.

#### FRESH GRASS: A HIGHER QUALITY FEED.

Bonino machines are ideal to feed cows and goats with fresh grass, diet known to be more qualitative that translates into high-quality milk and meat production. Milk will be rich in CLA (conjugated linoleic acid with antioxidants and anti-cancer properties) bearer of many health benefits. The grass introduces an essential vitamin mineral supply naturally assimilated by cows and goats, especially vitamin A, vitamin B complex and beta-carotene, with considerable benefits for fertility and fitness of the animals.

#### SUPERIOR QUALITY FORAGE.

The exclusive features of Bonino Self-Loading Cutter Wagons enable it to produce superior quality forage: the grass cut by the cutter bar is directly loaded onto the wagon without falling to the ground. This ensures a perfect cleanliness forage and maintaining all its nutritional properties. Directly loading the grass not only reduces the risk of soil contamination, which is common with other processes, but also means fewer trips across the field and therefore less trampling of the grass, thereby accelerating its regrowth after cutting.

**TRISYSTEM**

A full range of Self-Loading Moving Machines  
in tow suitable for large and small flat areas, hilly and mountainous areas.



#### HANDLING THE MACHINE

According to Customers' requests, the machines can be equipped with fixed mechanical lever controls, with mobile mechanical levers (located in the tractor cab), or with electro-hydraulic controls by means of an electric panel located in the cab.

#### ROTATING CUTTER BAR WITH TWO DRUMS

Our Self-Loading Cutter Wagons are equipped with a rotating cutter bar with two drums adjustable in height, which allows a clean and precise cut even on undulating ground.

#### SELF-LOADING ELEVATOR

It is placed so as to be able to load the cut product without letting it fall to the ground. A perfect cleaning of the fodder is thus guaranteed. Furthermore, the ladder can be equipped with chopping knives, which are indispensable for loading excessively long forage.

#### FORAGE DISCHARGE

It can take place directly in the mangers using a special mat or with special dosing rollers or with both systems fitted on the same machine. Each machine can discharge from the back, from the left side, from the right side or have contemporary bilateral unloading.

## Other Exclusive Advantages

#### ADJUSTMENTS FOR HARVESTING DIFFERENT SIZED GRASS

In standard machines without adjustments, long grass creates clogging at the entrance and slows the work down. Bonino machines, on the other hand, adapt to the type and length of the grass to be harvested through exclusive adjustments.

#### LIGHTNESS, ROBUSTNESS AND WEIGHT BALANCE

Bonino Self-Loading Cutter Wagons are extremely robust for a long service life, but less heavy thanks to special processing and the correct use of iron. This means that they do not sink into the ground or slow down the regrowth of grass and require the use of low-power tractors. Lastly, being able to balance the weights when the drawbar is opened prevents twisting and unbalancing which damage the frame.



## RANGE AB

For use on flat, hilly  
and mountainous ground.



Hilly and mountain areas.  
AB 20 TR - AB 25 TR  
AB 25 TR LARGO  
AB 25 TR GRAN VOLUME



Hilly and mountain areas.  
Steep slopes.  
AB 35 TR



Flat ground, one axle.  
AB 30 TR - AB 40 TR - AB 45 TR  
45 TR GRAN VOLUME



Flat ground,  
two axles.  
AB 50 TR - AB 60 TR  
AB 70 TR



Flat ground,  
two axles,  
Big load capacity.  
AB 75 TR MI - AB 80 TR MI

## RANGE VENERE GIUNONE

Designed and built for continuous and  
intensive use on flat ground conditions.  
They guarantee long life usage  
and reduced maintenance.



Venere  
Load capacity from 20 to 35 m<sup>3</sup>  
Demanded power hp 80/100 4WD



Giunone  
Load capacity from 40 to 46 m<sup>3</sup>  
Demanded power hp 100/120 4WD

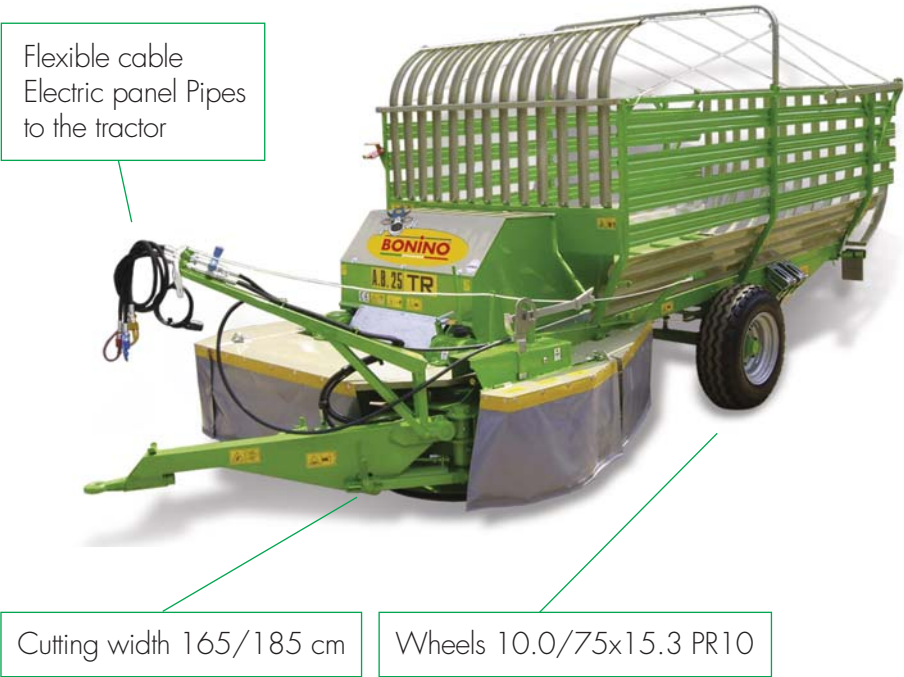
**RANGE  
AB**

**FEATURES**

# Machines for hilly areas

Low drawbar - Lowered structure (low centre of gravity) - Wheels outside the body structure

**AB20 TR**  
AB25 TR/largo/gran volume



**AB35 TR**



# Machines for flat ground

AB30 TR / AB40 TR  
AB45 TR / gran volume



AB50 TR / AB60 TR / AB70 TR



AB75 TR / AB80 TR

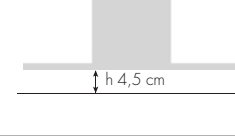


## ROTATING CUTTER BAR



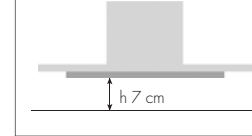
STANDARD SETUP

W 165 cm - 185 cm



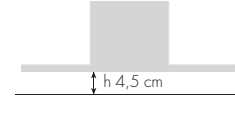
ROCK DISC SETUP

W 165 cm - 185 cm



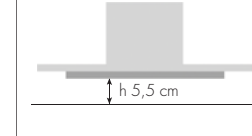
STANDARD SETUP

W 215 cm



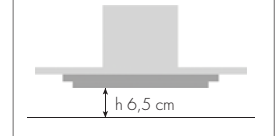
ROCK DISC SETUP

W 215 cm



DOUBLE DISC SETUP  
FOR STONY GROUND

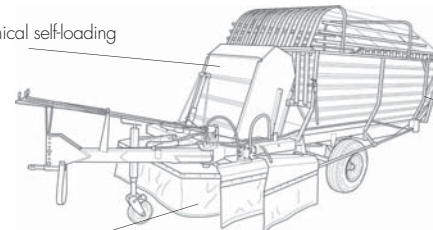
W 215 cm



Tapered roller bearings. - Bearing lubrication system.  
Bottom anti-wear system.

## ROTARY CONVEYOR SYSTEM

Mechanical self-loading ladder



Drum mower mechanical

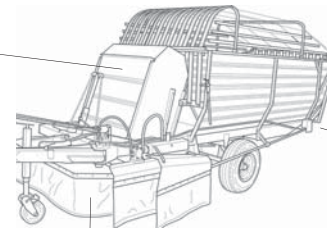


Rotary unloading conveyor

## HALF HYDRAULIC SYSTEM



Hydraulic self-loading ladder



Drum mower mechanical



Rotary unloading conveyor

**RANGE  
AB**

**FEATURES**

**DISCHARGE SYSTEMS**



HYDRAULIC OPENING DOOR



LATERAL UNLOADING CONVEYOR  
Door open



Door closed



LATERAL ROLLER DISCHARGE  
Dosing rollers



Side discharge mat retractable



Back hydraulic unloading door  
and unloading retractable belt



Rear view



Contemporary bilateral  
unloading



Conveyor belt extension

**CONTROL SYSTEM**



Basic version with iron lever



Flexible cables



Electric box

**CARDAN WIDEANGLE**



With friction ratchet



With friction disc

**TYRES**



10,0/75 x 15,3  
PR 10 IMPLEMENT



11,5/80 x 15,3  
PR 10 IMPLEMENT



31,5/80x15,5 - PR 8  
TRACTOR MOTRICE



400/60 x 15,5  
PR 14 TRACTION



19,0/45 x 17  
PR 10 IMPLEMENT



19,0/45 x 17  
PR 10 TRACTOR





## SIDES



Standard lateral sides



Galvanised lateral sides

## FOOT-MUDGUARDS



Hydraulic foot



Mudguards

## UNCOUPLING



Automatic uncoupling



Hydraulic cylinder uncoupling

## DRAWBARS



Rotating head



Low drawbar



Split drawbar

## LUBRICATION - BLADES



Automatic oiler



Shredding blades for ladder

## SUPER CUSTOM SELF-LOADING CUTTER WAGONS

Perfect for feeding with fresh grass: greater milk quality, more profits.

MAKE YOUR MACHINE UNIQUE!



### EASY DISCHARGE

Easy discharge for long products makes it quicker to insert the ladder, thereby increasing harvesting speed and reducing tractor power.



### ROLLER REAR LADDER

There is a roller behind the ladder to lighten the weight of the self-loading ladder, thus avoiding overloading and weighing down the cutting unit. It is perfect for undulating and soft ground.

HERE IS YOUR NAME





## RANGE AB Technical Specifications

	AB 20 TR	AB 25 TR	AB 25 TR LARGO	AB 25 TR GRAN VOLUME	AB 35 TR	AB 30 TR	AB 40 TR	AB 45 TR	AB 45 TR GV	AB 50 TR	AB 60 TR	AB 70 TR	AB 75 TR MI	AB 80 TR MI
Total length (m)	5.20	5.70	5.70	5.70	6.48	6.0	6.80	6.80	6.80	7.50	8.00	8.50	9.28	9.28
Body length (m)	2.50+0.50	3.00+0.50	3.00+0.50	3.00+0.50	3.38+0.60	3.10+0.60	3.30+0.60	3.30+0.60	3.30+0.60	4.00+0.60	4.50+0.60	5.00+0.60	5.50+0.60	5.50+0.60
Max height (m)	2.35	2.35	2.35	2.55	2.60	2.50	2.80	2.80	2.90	2.80	2.90	2.90	3.10	3.38
Min height (m)	2.15	2.15	2.15	2.25	2.00	2.00	2.20	2.20	2.30	2.20	2.30	2.30	2.50	2.78
Max width (m)	1.90	1.90	2.10	2.10	2.30	2.00	2.10	2.10	2.10	2.10	2.10	2.10	2.20	2.55
Volume DIN 11741	6	7	8	9	11	8	10	11	12	14	16	18	22	29
Load capacity (m <sup>3</sup> )	11	12	14	16	18	13	17	18	19	20	24	28	35	45
Rotating cutter bar (m)	1.65	1.65	1.85	1.85	2.15	1.65	1.85	1.85	1.85	1.85	1.85	1.85	2.15	2.15
Tyres	10.0/75x15.3 PR 10	10.0/75x15.3 PR 10	10.0/75x15.3 PR 10	10.0/75x15.3 PR 10	400/60x15.5 PR 14	10.0/75x15.3 PR 10	10.0/75x15.3 PR 10 11.5/80x15.3 PR 10	11.5/80x15.3 PR 10	400/60x15.5 PR 14	11.5/80x15.3 PR 10	400/60x15.5 PR 14	400/60x15.5 PR 14	400/60x15.5 PR 14	400/60x15.5 PR 14
Axles	1	1	1	1	1	1	1/2	1	1	2	2	2	2	2
No. of blades	4/2	4/2	4/3	4/3	5/7	6/6	8/6	8/7	8/7	8/7	8/7	8/7	9/7	10/7
Weight (kg)	1450	1550	1620	1650	2050	1850	2000	2200	2250	2450	2650	3100	3500	3900
Demanded power in plane (HP)	30/40	30/40	30/40	30/40	40/50	40/50	40/50	40/50	40/50	70/80	70/80	80/90	80/90 4WD	90/100 4WD
Demanded power in mountain (HP)	50/80	50/80	50/80	50/80	50/80 4WD	—	—	—	—	—	—	—	—	—



**RANGE  
VENERE  
GIUNONE**

**FEATURES**

Venere  
500/600/700/750

Giunone  
800/900



Automatic release emergency button on both sides



Hydraulic gear boxes and motors



Shaped square rolls



Back hydraulic unloading door



Conveyor belt width: 750 mm  
Side conveyor belt



Conveyor belt with control tension device



Manual retractable side conveyor belt



Full load detection system



Stainless steel side rails, cover, oil tank, bed floor and sump on



Hydraulic feet bracket and rear ladder roller



Automatic lubrication  
Self-loading elevator





Self-loading elevator width: 1400 mm - 8/9/10 eased discharging blade system. Setup 9 shredding blades



Fiberglass body with windows to access the grass elevator



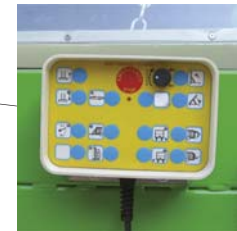
Reinforced side arms



Removable harpoon bar pins

## Designed and built for continuous and intensive use on flat ground conditions

Extremely professional: long life, reduced maintenance



Electronic board with speed control system for the unloading conveyor belt and emergency stop button



Reinforced frame



Safety guard



Drum mower W: 215 cm monobloc



Double drawbar reinforced frame



HYDRAULIC DOOR



LATERAL UNLOADING CONVEYOR L=1 400 mm  
HYDRAULICALLY RETRACTABLE



LATERAL UNLOADING  
BY PROPER DOSING  
WITH RUBBER BELT L=750 mm  
MANUALLY RETRACTABLE



LATERAL UNLOADING BY PROPER DOSING  
WITH RUBBER BELT L=1 400 mm HYDRAULICALLY RETRACTABLE







## RANGE VENERE - GIUNONE Technical specifications

		VENERE 500	VENERE 600	VENERE 700	VENERE 750	GIUNONE 800	GIUNONE 900
Total length	m	8,15	8,65	9,15	9,65	9,65	10,35
Body length	m	4,00	4,50	5,00	5,50	5,50	6,00
Max height	m	2,90	2,90	2,90	3,07	3,38	3,38
Min height	m	2,30	2,30	2,30	2,47	2,80	2,80
Max width	m	2,25	2,25	2,25	2,25	2,55	2,55
Load capacity	m <sup>3</sup>	20	24	28	35	44	46
Volume DIN 11741		14	16	18	22	28	30
Cutting width rotating cutter bar	m	2,15	2,15	2,15	2,15	2,15	2,15
Tyres		190/45x17PR10 IMPLEMENT	190/45x17PR10 IMPLEMENT	190/45x17PR10 IMPLEMENT	190/45x17PR10 IMPLEMENT	500/50x17PR14 IM72	500/50x17PR14 IM72
Axles		2	2	2	2	2	2
Wheels track	m	1600+1450	1600+1450	1600+1450	1600+1450	1600+1450	1600+1450
No. of blades		8 - 9	8 - 9	8 - 9	9 - 9	10 - 9	10 - 9
Weight	kg	4250	4400	4500	5200	5700	5900
Demanded power	HP	80/90 4WD	80/90 4WD	80/90 4WD	80/100 4WD	100/110 4WD	110/120 4WD



# Superior quality and long lasting



## BONINO QUALITY

The superior quality Bonino arises from a choice made by the company since 1946: adopt the most advanced technologies and produce indestructible machines. With this philosophy, Bonino stands today at the top of the world in the field of animal husbandry machinery.

Thanks to the strong specialisation, the constant search for innovative solutions, the monitoring of customer reports, Bonino machines adopt the best available technologies and provide above-average performance.

The solidity and reliability of every part and the oversizing of the parts subject to high stresses, allow an exceptional long lasting of the machines.

## CUSTOMISING

All Bonino machines can be implemented and configured according to the specific needs of each customer.

## SALES NETWORK

Bonino has a widespread network of commercial operators in Italy and in over 50 countries worldwide. Although the global dimension, Bonino has kept intact its ability to be close to each customer and attentive to their specific needs.

## TRAINING FOR USE

Following agreements made with the Customer, Bonino can provide a Service Training to Use and Maintenance the delivered machine, providing a team of instructors.

A service highly appreciated by all customers who, in this way, are able to immediately optimise the results of their work.

## WIDESPREAD SUPPORT

Bonino service network is extensive and consists of technical specialists able to quickly solve any problem.

## Immediate response to doubts or problems

the Customer who has a doubt using our machines  
or a problem to solve call us now.

We will promptly reply!

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**[www.boninoitaly.com](http://www.boninoitaly.com) - [www.lavenderharvester.com](http://www.lavenderharvester.com)**



## A success story started over seventy years ago



### A MAN OF GREAT TALENT WHO ANTICIPATED THE FUTURE

It all began in 1946 when Antonio Bonino decided to found a repair shop and sale of agricultural machines in a small town in the province of Cuneo.

In a short time the small company grows and thanks to the entrepreneurial and technical skills of Antonio, is transformed into a manufacturing company.

The aspiration of the founder is to design and build new-concept machines which are adapted to the needs of rapidly evolving agriculture.

In the early '70s the first self-propelled Mower machine was designed and several machines were introduced on the livestock sector, characterised by multiple customisations adapted to the specific needs of each individual client company.



### A LEADING FAMILY COMPANY IN THE MARKET OF SELF-LOADING GRAZER WAGONS AND SPECIAL MACHINES FOR THE HARVEST AROMATIC HERBS

Antonio Bonino transmits his innovative spirit to his son Matteo, who gives new impetus to the development of the company, and to his nephew and niece Dario and Cristina, who introduce further technological and productive innovations.

Innovation, quality and specialisation are today the flagship of the company, which produces over twenty models of Self-Loading Moving machines in tow and Special Machines for the Harvest of Aromatic Herbs characterised by a high level of customisation.

The activity of the Company is articulated into the production of Self-Loading moving machines, Towed forage harvester, towed mowers, Mixers Distributors.

Bonino machines are present in Europe, Australia and America.



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