# SUBSULERS THEHISTORY



EXHIBITION IN GASALMAGGIORE 1953



EXHIBITION IN VERONA
1968



EXHIBITION IN
BOLOGNA
EIMA 2006





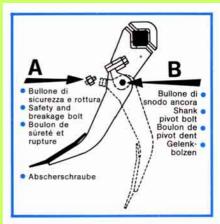












FIRM BADALINI, LEADER IN THE MANUFACTURE OF AGRICULTURAL EQUIPMENT FOR 50 YEARS, CAN BOAST A LARGE RANGE OF MACHINES, WHICH CAN BE INCLUDED IN THE CATEGORY OF "INNOVATORY MACHINES".

IN FACT, THE EXCEPTIONAL ENERGY CONSERVATION WHICH CAN BE OBTAINED USING MACHINES LIKE RAMBO MINI, IS WELL KNOWN.

**RAMBO MINI** IS MANUFACTURED WITH SPECIAL AND CERTIFIED MATERIALS, IN ORDER TO REDUCE THE POWER ABSORBED BY THE TRACTOR AND TO OBTAIN CONSIDERABLE ECONOMIC SAVINGS.

#### STANDARD EQUIPMENT:

CE Regulations equipments
Tines with tearing safety bolts of 16 mm
Supporting feet
Adjustable tines in every position
Arrangement for mounting of wheels



### RAMBO MINI

### MOD. CLD/

HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT Kg
40-65	CLD/3	0,20 - 0,45	1,50	1,40/1,80	400
45-70	CLD/5	0,20 - 0,45	1,80	1,80	500
45-80	CLD/5	0,20 - 0,45	2,00	1,90/2,10	510
45-80	CLD/5	0,20 - 0,45	2,20	2,30	520
55-100	CLD/5	0,20 - 0,45	2,50	2,70	530
65-110	CLD/7	0,20 - 0,45	2,50	2,70	630







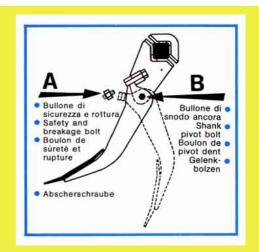
- THE SUBSOILER RAMBO MINI, IN ITS VERSIONS, HAS BEEN REALIZED AFTER MANY WORKING EXPERIENCES IN EVERY TYPE OF SOILS.
- IN PARTICULAR, THIS MODEL HAS BEEN MANUFACTURED TO WORK WITH SMALL TRACTORS, FROM 45 TO 110 HP.
- THE GREAT STURDINESS AND SOLIDITY OF THE FRAME PERMIT TO WORK AT CONSIDERABLE DEPTHS.
- THE LAYOUT OF THE TINES FACILITATES THE PASSAGE OF THE GROUND IN EVERY TYPE OF SOIL.
- THANKS TO ITS VERSATILITY, RAMBO MINI CAN WORK ALSO IN GREENHOUSES WITH LITTLE TRACKED TRACTORS.
- THE MODEL WITH FRAME OF 2 METERS HAS A BACK TAPERING, IN ORDER TO FACILITATE THE MANOEUVRES, ESPECIALLY IN GREENHOUSES AND ON HILLY SOILS.
- THANKS TO RAMBO MINI, MORE ECONOMIC SAVINGS IN COMPARISON WITH THE TRADITIONAL CULTIVATION METHODS CAN BE OBTAINED. MOREOVER THE PLOUGHING SOLE CAN BE BROKEN.



BADALINI S.R.L. Head Office and Factory: STRADA DELMONA 1 46017 RIVAROLO MANTOVANO (MANTOVA) ITALY TEL. 0039-0376-99149 FAX 0039-0376-99641 E-MAIL: badalini@badalini.it WEB: www.badalini.it

# RAMBO MEDIUM





#### **DESCRIPTION OF THE MACHINE**

THIS IS THE IDEAL MACHINE FOR MEDIUM HORSEPOWERS. IT PERMITS CONSIDERABLE ENERGETIC SAVINGS THANKS TO THE PARTICULAR CLEARANCE OF ITS TINES. THESE, WITH THEIR INCLINATION, ALLOW THE TRACTOR TO ABSORB LESS POWER AND SO YOU CAN SAVE OIL AND CONSEQUENTLY MONEY.

**RAMBO MEDIUM** IS PROVIDED WITH SAFETY TEARING BOLT OF 16 mm WITH RESISTANCE 12.9, LIKE THE ONES MOUNTED ON MACHINES OF GREAT POWER.

THIS FEATURE MAKES VERY DIFFICULT TO BREAK THE SAFETY BOLT.



#### STANDARD EQUIPMENT:

CE Regulations equipments
Tines with tearing safety bolts of 16 mm
Supporting feet
Adjustable tines in every position
Arrangement for mounting of wheels
Arrangement for mounting of manual roller



	MOD. CMD/						
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT Kg		
60-90	CMD/3	0,30 - 0,60	2,00	1,90/2,10	510		
75-110	CMD/5	0,30 - 0,60	2,50	2,10/2,70	650		
75-120	CMD/7	0,30 - 0,60	2,50	2,10/2,70	750		

### MOD. CMD/ with MANUAL ROLLER HP MODELS AND TINES DEPTH meters DIMENSIONS m WORK m WEIGHT Kg 85-115 CMD/5 + ROLLER 0,30 - 0,60 2,50 2,50 900

2,50





2.50

1000

- ◆ MACHINE SUITABLE FOR WORK WITH TRACTORS FROM 60 TO 125 HP (ON AVERAGE 100 HP).
- ◆ THE GREAT STURDINESS AND SOLIDITY OF THE FRAME GRANT A WORK IN DEPTH.
- THE LAYOUT OF THE TINES FAVOURS THE PASSAGE IN EVERY KIND OF SOIL.
- ◆ THANKS TO RAMBO MEDIUM, MORE ECONOMIC SAVINGS IN COMPARISON WITH THE TRADITIONAL CULTIVATION METHODS CAN BE OBTAINED. MOREOVER THE PLOUGHING SOLE CAN BE BROKEN.
- ◆ THE GREAT CLEARANCE UNDER THE FRAME PERMITS A SPEED WORK AND AVOIDS STOPPAGES.
- ♦ IT IS POSSIBLE TO DISPLACE THE TINES IN DIFFERENT POSITIONS. MOREOVER ON THE SAME FRAME THE MACHINE CAN MOUNT 5 OR 7 TINES.
- THE SAFETY TEARING BOLT AVOIDS THAT ITS HOOKING HOLE BECOME OVALIZED.
- ◆ THE EXCLUSIVE MANUFACTURING WITH MATERIALS OF VERY HIGH QUALITY, PERMITS US TO CERTIFY THE MACHINE IN EVERY WORKING CONDITION.



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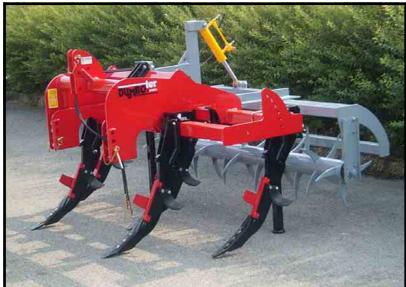
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## SKORPIO STANDARD

GKD/













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The subsoilers CKD/ SKORPIO STANDARD are available with frame of m 2,50 or 2,75 and in 2 versions: with 5 or 7 tines. This model has been improved in the structure and in its sturdiness in order to work without problems with tractors from 95 to 150 HP.

The model CKD/ is provided with safety and breakage bolts, and its tines have wear and tear standing protections and hardened reversible shovels. So it can work at a depth from 30 to 60 cm.

The tines layout and the wide frame allow the CKD/ SKORPIO STANDARD to work also in wet soils without any difficulties and with a power absorption considerably lower then the traditional subsoilers.

The main features of CKD/ and of all other Badalini subsoilers are:

- absence of stones and clods lifting;
- breaking of the ploughing coat;
- absence of open furrows;
- increasing of worked soil volume;
- reduction of superficial water stagnation;
- development of water reserves in depth;

The subsoiler has a high clearance under the frame (cm 85), which allows considerable working depths. Moreover, the great versatility of the tines permits to obtain high working speeds, also 10 km/h.

CKD/ SKORPIO STANDARD can be coupled with:

- hydraulic back discs;
- manual roller;
- hydraulic roller (single or double).





#### STANDARD EQUIPMENT:

CE Regulations equipments
Tines with tearing safety bolts of 16 mm

Tines with tearing safety boits of 16 min

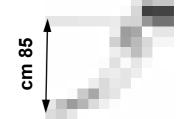
Supporting feet

Adjustable tines in every position

Arrangement for mounting of wheels

Arrangement for mounting of manual or hydraulic roller Arrangement for mounting of hydraulic back discs

				MOD. CKD/		
I	HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT
ĺ	100-130	CKD/5	0,30 - 0,60	2,50	2,70	730
	100-140	CKD/7	0,30 - 0,60	2,50	2,65	830
ı	100 150	CKD/Z	0.20 0.60	2.75	2.05	050



	MOD. CKD/ with MANUAL ROLLER									
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT					
100-140	CKD/5 + ROLLER	0,30 - 0,60	2,50	2,50	980					
100-140	CKD/7 + ROLLER	0,30 - 0,60	2,50	2,50	1080					
100-150	CKD/7 + ROLLER	0,30 - 0,60	2,80	2,75	1130					

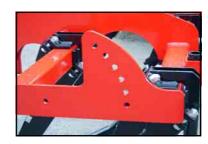


#### MOD. CKD/ with HYDRAULIC DOUBLE ROLLER

HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT
100-140	CKD/5 + DOUBLE	0,30 - 0,60	2,50	2,50	1230
100-150	CKD/7 + DOUBLE	0,30 - 0,60	2,50	2,50	1330
100-150	CKD/7 + DOUBLE	0,30 - 0,60	2,80	2,75	1380



	MOD. CKD/ with HYDRAULIC DISCS							
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT			
100-140	CKD/5 + DISCS	0,30 - 0,60	2,50	2,50	1230			
100-150	CKD/7 + DISCS	0,30 - 0,60	2,50	2,50	1330			
100-150	CKD/7 + DISCS	0,30 - 0,60	2,75	2,75	1380			



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THE EVOUTION

# SKORPIO STRONG







#### FOR TRACTORS OF 95/180 HP

STANDARD EQUIPMENT:

**CE Regulations equipments** 

Tines with tearing safety bolts of 16 mm

Supporting feet

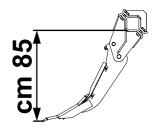
Adjustable tines in every position

Arrangement for mounting of wheels

Arrangement for mounting of manual or hydraulic roller

Arrangement for mounting of hydraulic back discs





	MOD. CKS							
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK meters	WEIGHT kg			
100-160	CKS/5	0,30 - 0,60	2,50	2,70	730			
100-180	CKS/7	0,30 - 0,60	2,50	2,65	830			
100-180	CKS/7	0,30 - 0,60	2,75	2,95	850			
100-180	CKS/7	0,30 - 0,60	3,00	3,20	950			



	MOD. CKS/ with MANUAL ROLLER								
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK meters	WEIGHT kg				
100-160	CKS/5 + ROLLER	0,30 - 0,60	2,50	2,50	1020				
100-180	CKS/7 + ROLLER	0,30 - 0,60	2,50	2,50	1120				
100-180	CKS/7 + ROLLER	0,30 - 0,60	2,80	2,75	1160				



	MOD. CKS/ with HYDRAULIC DOUBLE ROLLER								
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK meters	WEIGHT kg				
100-160	CKS/5 + DOUBLE	0,30 - 0,60	2,50	2,50	1260				
100-180	CKS/7 + DOUBLE	0,30 - 0,60	2,50	2,75	1410				
100-180	CKS/7 + DOUBLE	0,30 - 0,60	3,10	3,00	1460				



	MOD. CKS/ with HYDRAULIC DISCS							
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK meters	WEIGHT kg			
100-160	CKS/5 + DISCS	0,30 - 0,60	2,50	2,50	1260			
100-180	CKS/7 + DISCS	0,30 - 0,60	2,75	2,75	1410			
100-180	CKS/7 + DISCS	0,30 - 0,60	3,00	3,00	1460			

 $\Rightarrow$ 



POSSIBILITY TO MOUNT: ⇒

> WHEELS,

⇒ MANUAL ROLLER,

⇒ HYDRAULIC SINGE ROLLER,

⇒ HYDRAULIC DOUBLE ROLLER,

HYDRAULIC BACK DISCS.

THE CORRECT RELATIONSHIP QUALITY/PRICE

#### STRENGTHENED FRAME

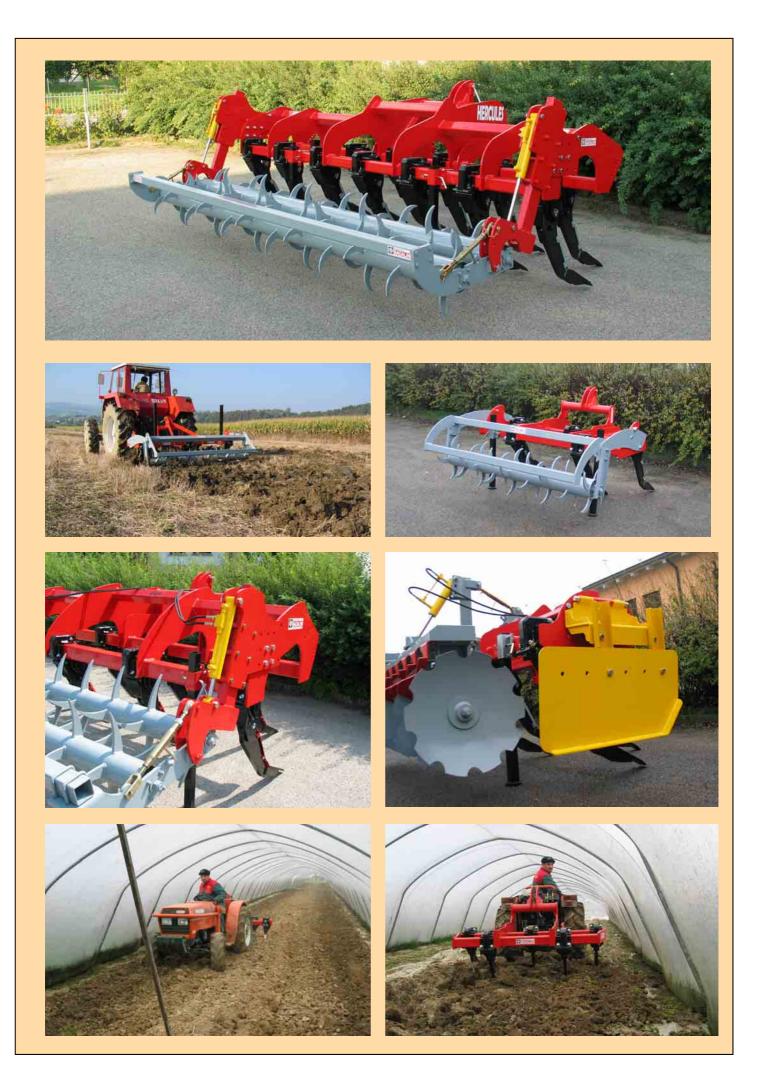














## KING SPECIAL





**Safety** bolt 20 mm



## KING SPECIAL

# INCREDIBLE



STANDARD EQUIPMENT:

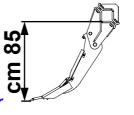
**CE Regulations equipments** Tines with tearing safety bolts of 20 mm Supporting feet

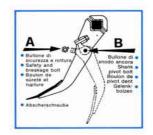
Adjustable tines in every position

Arrangement for mounting of wheels

Arrangement for mounting of manual or hydraulic roller

Arrangement for mounting of hydraulic back discs





				MO	D. CKA/
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT
100-160	CKA/5	0,30 - 0,60	2,50	2,70	900
100-180	CKA/7	0,30 - 0,60	2,50	2,65	1000
100-180	CKA/7	0,30 - 0,60	2,75	2,95	1030

	MOD. CKA/ with MANUAL ROLLER							
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT			
100-160	CKA/5 + ROLLER	0,30 - 0,60	2,50	2,50	1120			
100-180	CKA/7 + ROLLER	0,30 - 0,60	2,50	2,50	1220			
100-180	CKA/7 + ROLLER	0,30 - 0,60	2,80	2,80	1290			

MOD. CKA/ with HYDRAULIC DOUBLE ROLLER					
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT
100-160	CKA/5 + DOUBLE	0,30 - 0,60	2,50	2,50	1320
100-180	CKA/7 + DOUBLE	0,30 - 0,60	2,50	2,50	1410
100-180	CKA/7 + DOUBLE	0,30 - 0,60	2,80	2,80	1480
100-180	CKA/7 + DOUBLE	0,30 - 0,60	3,00	3,00	1540

	MOD. CKA/ with HYDRAULIC DISCS					
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT	
100-160	CKA/5 + DISCS	0,30 - 0,60	2,50	2,50	1350	
100-180	CKA/7 + DISCS	0,30 - 0,60	2,50	2,50	1450	
100-180	CKA/7 + DISCS	0,30 - 0,60	2,80	2,80	1520	
100-180	CKA/7 + DISCS	0,30 - 0,60	3,00	3,00	1580	

### Safety bolt 20 mm



# EGA HERCULES

STANDARD EQUIPMENT

**CE** Regulations equipment

Supporting feet

Tines with safety bolts of 20 mm

Adjustable tines in every position

Arrangement for mounting of wheels

Arrangement for mounting of hydraulic back discs

Arrangement for mounting of hydraulic roller (single or double)

MOD. CHD/ MEGA HERCULES					
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT
130-180	CHD/5A	0,30 - 0,60	2,50	2,40/2,70	1030
130-180	CHD/7A	0,30 - 0,60	2,50	2,70	1130
130-210	CHD/7A	0,30 - 0,60	2,75	2,95	1160
150-240	CHD/7A	0,30 - 0,60	3,00	3,20	1210
150-240	CHD/9A	0,30 - 0,60	3,00	3,20	1300

MOD. CHD/ with HYDRAULIC SINGLE ROLLER					
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT
130-180	CHD/5A + ROLLER	0,30 - 0,60	2,60	2,50	1480
130-210	CHD/7A + ROLLER	0,30 - 0,60	2,85	2,75	1650
150-210	CHD/7A + ROLLER	0,30 - 0,60	3,10	3,00	1710
150-240	CHD/9A + ROLLER	0,30 - 0,60	3,10	3,00	1820
150-240	CHD/9A + ROLLER	0,30 - 0,60	3,40	3,30	1880

	MOD. CHD/ with HYDRAULIC BACK DISCS						
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT		
130-180	CHD/5A + DISCS	0,30 - 0,60	2,60	2,50	1530		
130-210	CHD/7A + DISCS	0,30 - 0,60	2,80	2,75	1630		
150-210	CHD/7A + DISCS	0,30 - 0,60	3,10	3,00	1700		
150-240	CHD/9A + DISCS	0,30 - 0,60	3,10	3,00	1870		
150-240	CHD/11A + DISCS	0,30 - 0,60	4,00	4,00	2500		

	MOD. CHD/ with HYDRAULIC DOUBLE ROLLER					
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT	
130-180	CHD/5A + DOUBLE	0,30 - 0,60	2,60	2,50	1520	
130-210	CHD/7A + DOUBLE	0,30 - 0,60	2,85	2,75	1700	
150-210	CHD/7A + DOUBLE	0,30 - 0,60	3,10	3,00	1860	





### Safety bolt 20 mm







## CSD/ SUPER

#### **DESCRIPTION OF THE MACHINE**

THE SUBSOILER SUPER SAURON CSD/ HAS BEEN REALIZED AFTER MANY WORKING EXPERIENCES IN EVERY TYPE OF SOILS.

THE SPECIAL ARC-FRAME OFFERS GREAT STURDINESS AND SOLIDITY; MOREOVER THE HIGH CLEARANCE UNDER THE FRAME FACILITATES THE PASSAGE OF THE GROUND AT ALL DEPTHS.

THE VERSATILITY OF SUPER SAURON CSD/ PERMITS THE MACHINE TO FIT TO BOTH WHEELED AND TRACK-LAYING TRACTORS FROM 150 TO 400 HP, IN FLAT AND HILLY LANDS.



IT IS POSSIBLE TO COMBINE SUPER SAURON CSD/ WITH BACK DISCS, WHICH PERMIT THE TOTAL BURIAL OF THE ORGANIC REMAINS WITH CONSIDERABLE ECONOMIC SAVINGS IN COMPARISON WITH THE TRADITIONAL CULTIVATION METHODS.

IT IS POSSIBLE ALSO TO COMBINE THE MACHINE WITH A SPIKED ROLLER (SINGLE OR **DOUBLE)** WHICH BREAKS FURTHER THE TOO BIG CLODS.

THESE TWO FITTINGS ARE INTERCHANGEABLE AND SO THEY MAKE THE MACHINE VERY VERSATILE.









#### STANDARD EQUIPMENT:

**CE Regulations equipments** 

Tines with tearing safety bolts of 20 mm

Supporting feet

Oversized and extra-strong frame

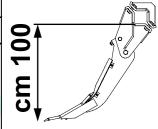
Arrangement for mounting of wheels

Arrangement for mounting of hydraulic roller

Arrangement for mounting of hydraulic back discs



MOD. CSD/ SUPER SAURON					AURON
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT
150-250	CSD/5	0,40 - 0,80	2,50	2,70	1205
150-260	CSD/7	0,40 - 0,80	2,50	2,70	1350
150-300	CSD/7	0,40 - 0,80	2,75	2,90	1400
150-350	CSD/7	0,40 - 0,80	3,00	3,40	1450
180-400	CSD/7	0,40 - 0,80	3,30	3,70	1500



MOD. CSD/ with HYDRAULIC BACK DISCS					
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT
150-250	CSD/5 + DISCS	0,40 - 0,80	2,60	2,50	1705
170-300	CSD/7 + DISCS	0,40 - 0,80	2,85	2,75	1940
200-350	CSD/7 + DISCS	0,40 - 0,80	3,10	3,00	2010
230-400	CSD/7 + DISCS	0,40 - 0,80	3,40	3,30	2100



	MOD. CSD/ with HYDRAULIC SINGLE ROLLER						
HP	MODELS AND TINES	DEPTH meters	DIMENSIONS m	WORK m	WEIGHT		
150-250	CSD/5 + ROLLER	0,40 - 0,80	2,60	2,50	1705		
170-260	CSD/7 + ROLLER	0,40 - 0,80	2,60	2,50	1850		
170-300	CSD/7 + ROLLER	0,40 - 0,80	2,85	2,75	1940		
200-350	CSD/7 + ROLLER	0,40 - 0,80	3,10	3,00	2010		



SUPER SAURON CSD/ CAN BE COMBINED WITH THE TRAILER, TRANSFORMING, IN THIS WAY, THE MACHINE INTO TRAILED.

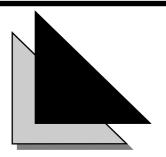
SUPER SAURON CSD/ IS SUITED FOR BOTH WHEELED AND TRACK-LAYING TRACTORS FROM 150 TO 400 HP.

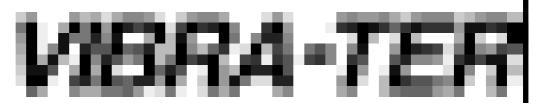
SUPER SAURON CSD/ HAS SAFETY BOLTS 4 TIMES MORE RESISTANT THAN THE ONES OF ALL THE OTHER MACHINES.











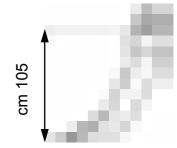
VIBRA-TER: a Badalini invention





- **GREAT RELIABILITY**
- **CERTIFIED MATERIALS**
- **EXCEPTIONAL PENETRATION**
- LOW POWER CONSUMPTION
- **VERSATILITY OF** UTILIZATION





### VIBRA-TER

SUPERFICIE ORARIA DI LAVORO con WORKING SURFACE PER HOUR with SURFACE HORAIRE TRAVAILLEE avec EL ÄCHENI FISTUNG PRO STUNDE mit

mod. VT/TA3

1 E/OHENEED 101101 TO 010NDE IIII					
Avanzamento km/h	Ettari per 1/h	Ettari per 8/h			
Advancement km/h	Hectares per 1/h	Hectares per 8/h			
Avancement km/h	Hectares pour 1/h	Hectares pour 8/h			
Geschw indigkeit km/h	Arbeitsleistung ha/h	ha-Leistung in 8 Stunden			
2	0,5	4			
2,5	0,62	5			
3	0,75	6			
3,5	0,87	7			

HP	Tipo Type Type Typ	Ancore Tines Dents Zinken	KG
100-130	VT/T2	2	1805
100-150	VT/T3	3	1955
130-200	VT/T4	4	2130

CHIEF FEATURES
This machine has been carefully developed only after many years of agronomic studying. It was especially designed for drainage. In very dry weather it assure good water supplies. It vibrates sideways and is



able to chop up all heavy and stony soil. The horse power needed is not very much considering the depth that the machine goes down. It has an eccentric rotary device that gives to tines an helicoidal advancement to allow an easier penetration into the soil. The soil is broken up but it keeps the original structure. The fertile soil remains on the surface so that it can be easily reached by the roots of plants in their early growing stage. This machine vibrates in a way that it breaks up the soil in depth in order to ensure that the ground remains porous and airy. This subsequently helps water to rise up during periods of drought. Its work is completely different and more specialized of that done by any ordinary deep cultivators. It is a very useful piece of equipment that gives you the opportunity to reduce the amount of water used for irrigation together with fuel and time saving.





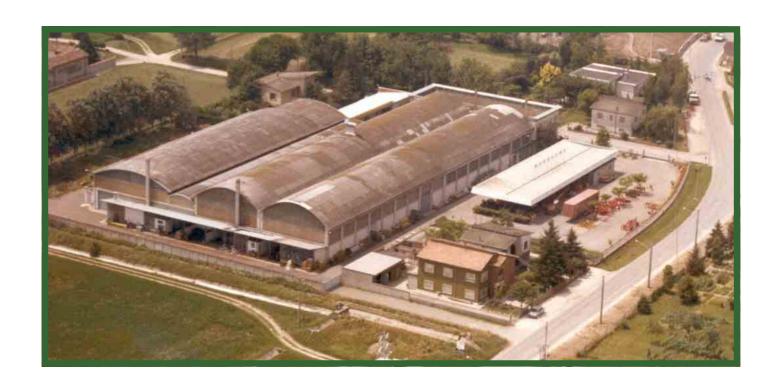














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