

HAYMAKING

FRONT-MOUNTED RANGE



language



SPECIALISTS FOR OVER 80 YEARS

SINCE 1943, THE YEAR IT WAS FOUNDED, BCS HAS BEEN DESIGNING AND BUILDING GRASS MOWING MACHINES IN ITALY.

THE EXPERIENCE GAINED OVER THE YEARS, THANKS ALSO TO CONTINUOUS AND CONSTANT EXCHANGE WITH ITS CUSTOMERS, HAVE ENABLED BCS TO PRODUCE A COMPLETE RANGE OF FRONT-MOUNTING EQUIPMENT FOR HIGH-QUALITY FORAGE MOWING.

- ▣ **DUPLEX AVANT** - CUTTER BARS
- ▣ **ROTEX EDELWEISS** - DISC MOWERS WITH OSCILLATING FRAME, LIGHTWEIGHT FOR THE MOUNTAINS
- ▣ **ROTEX AVANT NT** - DISC MOWERS WITH OSCILLATING FRAME
- ▣ **ROTEX AVANT NT R** - MOWER CONDITIONERS WITH OSCILLATING FRAME
- ▣ **NEVA AVANT R | F** - SUPER-PROFESSIONAL MOWER CONDITIONERS WITH PARALLELOGRAM FRAME

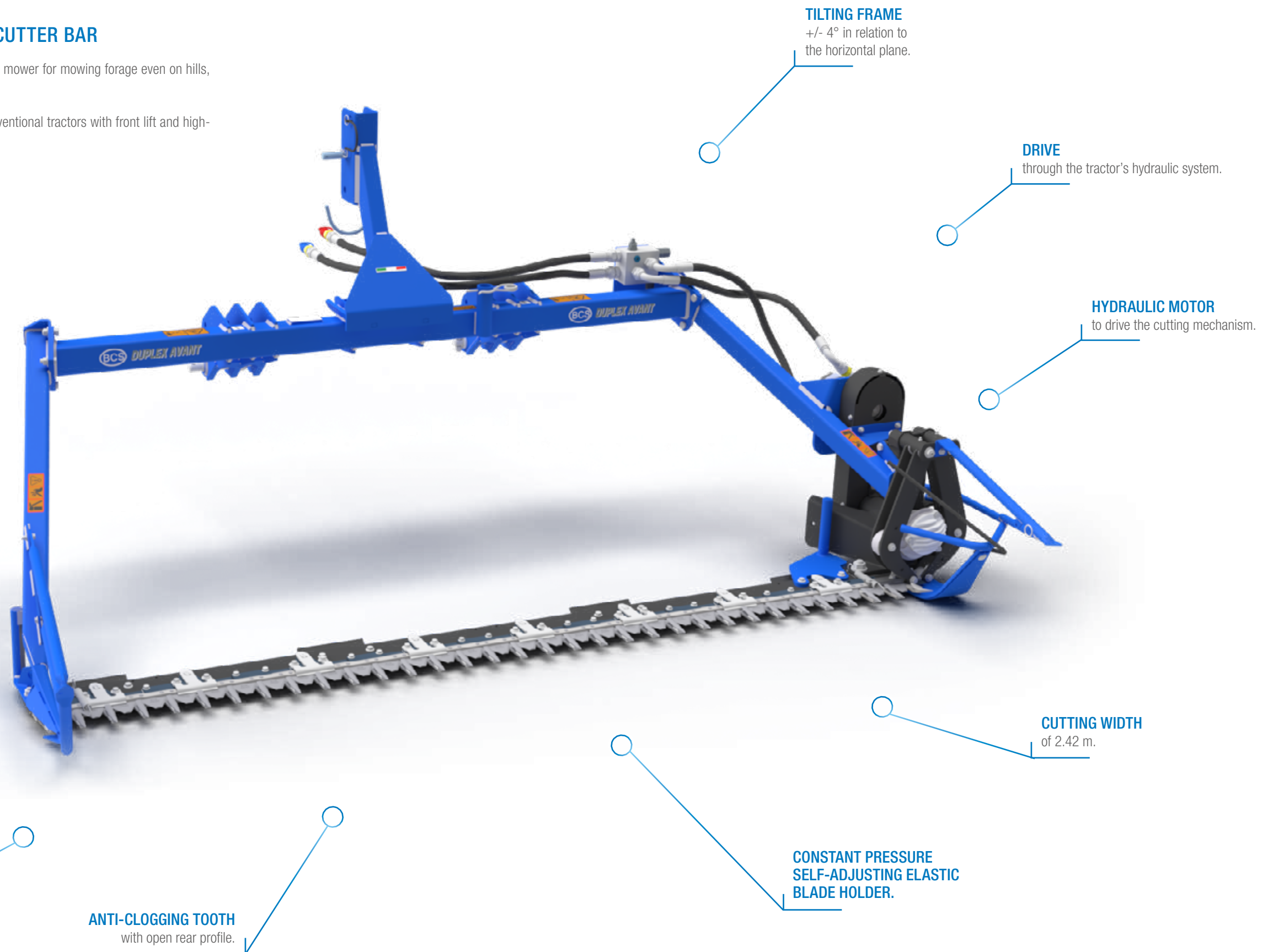
FOR THE SMALL, MEDIUM AND LARGE AREA MARKET, MOUNTAIN PASTURES AND MOUNTAIN AREAS, THE STRONG SUIT OF BCS FRONT ATTACHMENTS ARE THEIR RELIABILITY, HIGH PERFORMANCE AND STATE-OF-THE-ART TECHNICAL SOLUTIONS.

DUPLEX AVANT

DOUBLE ALTERNATE MOVEMENT FRONT CUTTER BAR

Duplex Avant is a light, compact and low power absorption blade mower for mowing forage even on hills, in the mountains or in the presence of steep terrain.

Equipped with hydraulic transmission, it can be mounted on conventional tractors with front lift and high-pressure hydraulic outlets with *power beyond* free discharge.



TILTING FRAME
+/- 4° in relation to the horizontal plane.

DRIVE
through the tractor's hydraulic system.

HYDRAULIC MOTOR
to drive the cutting mechanism.

LIGHTWEIGHT AND COMPACT
supporting frame.

EASY BLADE REPLACEMENT
thanks to the quick lifting blade holder system.

CUTTING WIDTH
of 2.42 m.

CONSTANT PRESSURE SELF-ADJUSTING ELASTIC BLADE HOLDER.

ANTI-CLOGGING TOOTH
with open rear profile.

TEETH
in Gold or ST version.

CHASSIS

Connected to the tractor's three-point front lift via cat. 1 and 2 couplings, the light and compact supporting frame of Duplex Avant is designed to minimise the overhang of the cutter bar in relation to the tractor, optimising weight distribution.

On hills or mountain areas or in the presence of steep terrains and hollows, the Duplex Avant cutter bar is preferred to disc or drum mowers.

The frame also tilts by +/- 4 degrees with respect to the horizontal plane to adapt to the profile of the terrain.

DELICATE CUT

The double alternate movement of the blade and teeth, guaranteed by the hydraulic motor connected to the gearbox and activated by the tractor's hydraulic circuit, cuts the grass stalks cleanly without fraying them, maintaining their nutritional value.

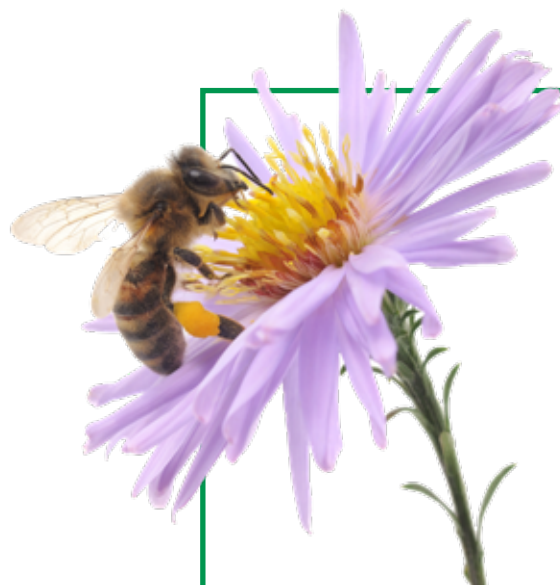
This type of 'scissor' cut limits the possibility of contamination of the forage by soil and impurities.

Teeth with open rear profile drastically reduce the possibility of clogging and, if damaged, can be easily replaced without disassembling the entire blade.

The elastic, self-adjusting blade holders keep the best 'scissor' cutting condition constant over time, avoiding bothersome manual adjustments, giving a perfect, burr-free cut every time.

CUTTING WIDTH OF OVER 4 METRES

With a working width of 2.42 m, Duplex Avant has been designed for optimal use in combination with the rear Duplex for cutting width of over 4 m.



ENVIRONMENTALLY FRIENDLY

Created to meet a growing demand for mowers that are even more respectful of the environment, fauna and insects that inhabit grass fields, Duplex Avant ensures a delicate cut without the typical vortex of rotating discs.

The formation of a wide, uniform swath improves the drying process by reducing the need to turn the cut crop and consequently the possibility of contamination of the forage by soil and impurities.

The 'scissor' cut on the grass stem also allows rapid and lush regrowth of the turf.

TECHNICAL FEATURES	DUPLEX AVANT
Cutting width (mm)	2420
Width in transport condition (mm)	2780
Weight (kg)	300
Cutter bar	available with 'Gold' teeth (76 mm distance between tips) or 'ST' teeth for stony ground (50 mm distance between tips)
Self-adjusting elastic blade holders	standard
Wear-resistant steel skids	standard
Chassis	with slotted attachments for an oscillation of +/- 4° in relation to the horizontal plane
Spare blade	standard
Cutter bar lift	via the tractor's front three-point linkage
Cutter bar inclination	adjusted via the tie rod of the third point of the lift
Ground load adjustment	via floating mode and tractor lift relief
Transmission of movement to the blades	via tractor hydraulics and hydraulic motor connected to the gearbox
Required tractor hydraulic equipment	three-point front lift with floating function and equipped with double-acting distributor with continuous delivery and free discharge
Minimum tractor hydraulic flow rate (l/min)	50 (pressure 180 bar)

FRONT-MOUNTED DISC MOWERS ROTEX

The BCS range of front-mounted grass and forage mowing equipment includes Rotex Edelweiss lightweight mountain disc mowers, Rotex Avant NT disc mowers and mower conditioners for universal use.

Its minimal power absorption and compact dimensions allow it to be used on reversible isodiametric tractors, special mountain tractors or on conventional tractors in combination with classic rear-mounted cantilevered mowers.

Thanks to the oscillating frame and the quality of the cutter bar, the front-mounted Rotex guarantee:

- ▣ always clean and non-contaminated cut
- ▣ maintaining the optimum nutritional value of the cut grass
- ▣ plant cover preserved to the benefit of higher quality fodder.

THE ROTEX RANGE

LIGHT FRONT-MOUNTED MOWERS

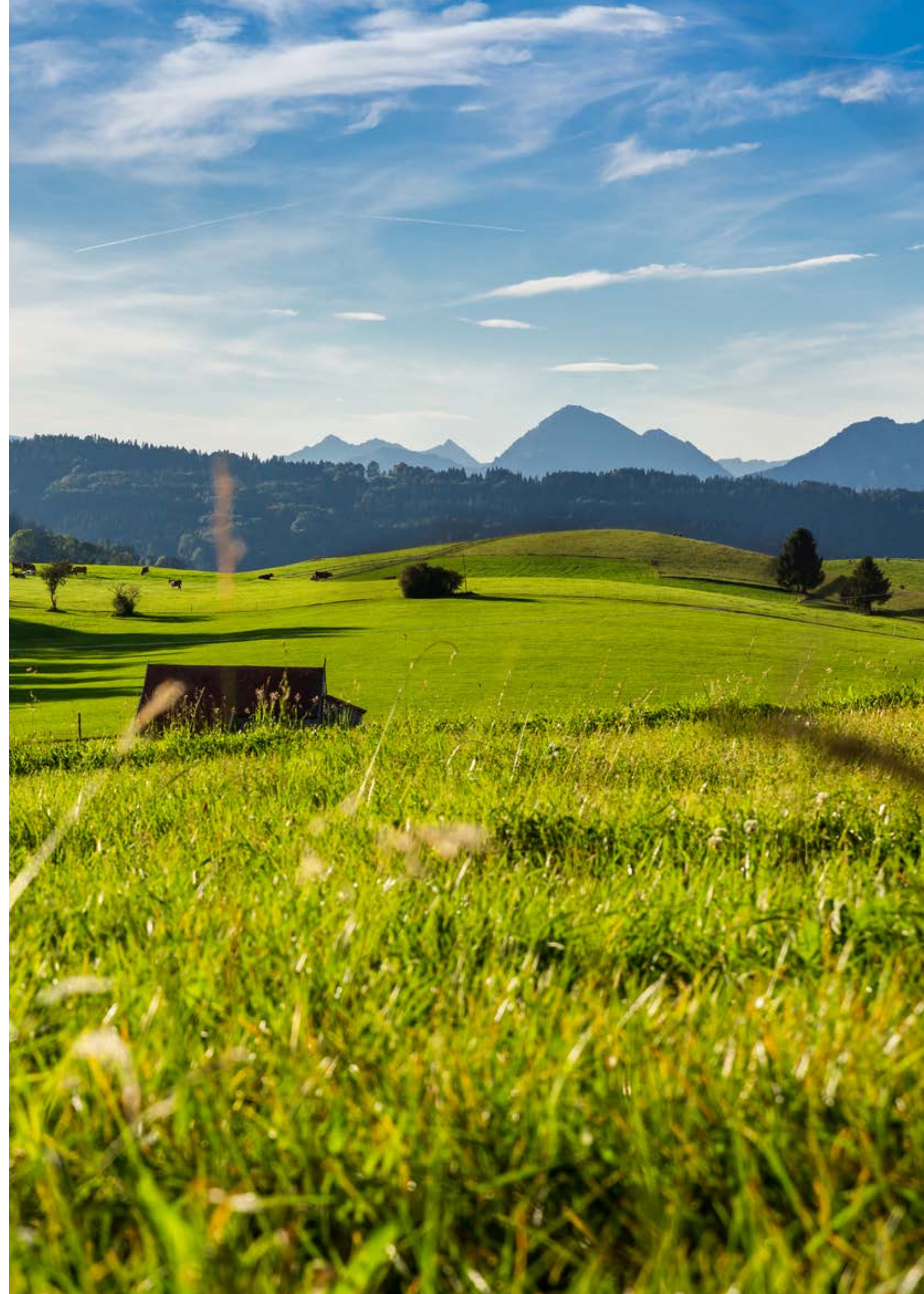
	Cutting width (m)	Weight (kg)	Power required at PTO (kW/hp)
EDELWEISS AS 5	2,05	380	30 / 40
EDELWEISS AS 6	2,45	420	35 / 48
EDELWEISS AS 7	2,85	460	40 / 54

FRONT-MOUNTED MOWERS

	Cutting width (m)	Weight (kg)	Power required at PTO (kW/hp)
AVANT NT 5	2,05	455	30 / 40
AVANT NT 6	2,45	505	35 / 48
AVANT NT 7	2,85	555	40 / 54

FRONT-MOUNTED MOWER-CONDITIONERS

	Cutting width (m)	Weight (kg)	Power required at PTO (kW/hp)
AVANT NT R6	2,45	675	50 / 68
AVANT NT R7	2,85	745	55 / 75



THE ADVANTAGES OF BCS

STRUCTURE

The transmission of the Rotex range is equipped with gears in oil bath for maximum reliability and minimum maintenance: hermetically sealed ball bearings and large toothed wheels ensure efficient transmission of the driving force to the cutting discs.

The clutch with torque limiter protects the transmission in the event of sudden disc or roller jamming, while the integrated free-floating transmission unit allows a gradual stop of disc rotation when the PTO is switched off.

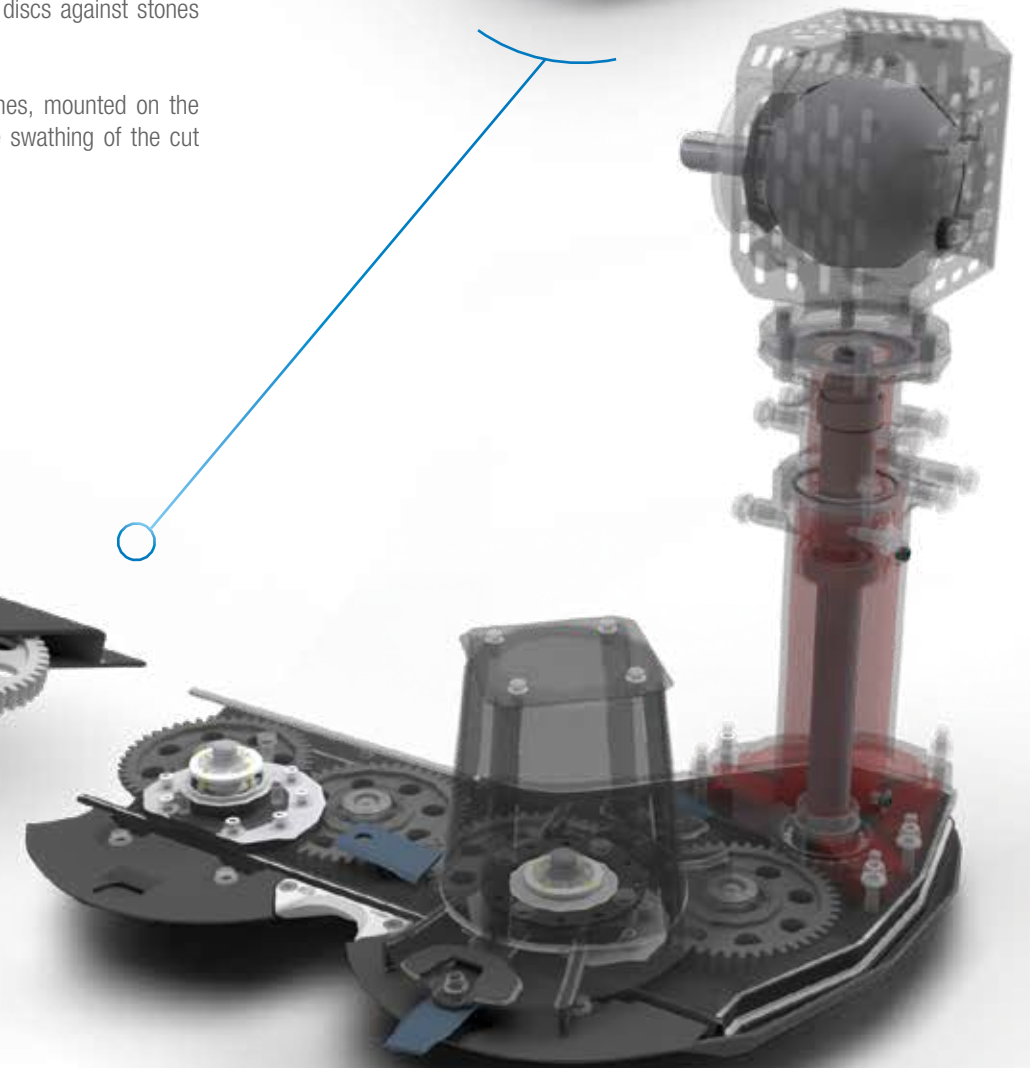
The central joint on the frame allows the mower to oscillate for perfect ground contour adaptation during work and is equipped with a locking pin for safe road travel.

The tractor hitching frame is available in various versions, including a convenient triangular quick hitch, to make the machines compatible with all types of tractors on the market.

The optionally available hydraulic displacement allows for better load distribution when working on sloping terrain.

The front guard of all Rotex disc mowers can be folded down to allow easy and quick inspection and maintenance of the cutting and conditioning equipment.

The side guards can also be reclined to reduce the bulk of the machine during transfers.



CUTTING UNIT

Cutter bar with gears in oil bath, protected by skids and deflector screens in the areas where the blades cross.

The skids also improve the mower's glide over the ground and preserve the lawn to ensure maximum forage quality, even in difficult and wet conditions.

The sleek oval discs are equipped with a pair of blades free to rotate through 360° for a clean cut of the grass stem, and mud-scraper blades to ensure that the bar is always clean of soil and debris.

Disc holder flanges with controlled-break safety pins protect the internal drive components in the event of violent impact of the discs against stones or obstacles.

The presence of conveyor cones, mounted on the first and last disc, to facilitate swathing of the cut grass.



ROTEX EDELWEISS

FRONT-MOUNTED DISC MOWERS, LIGHT FOR THE MOUNTAINS AS5 | AS6 | AS7

Rotex Edelweiss are the lightest and most compact front-mounted disc mowers in the haymaking range, ideal for working even on steep slopes.

The minimum power absorption at PTO means that the Rotex Edelweiss can also be applied to lower power tractors, reversible isodiametric tractors and special mountain tractors.



HITCH AVAILABLE IN DIFFERENT VERSIONS
to match all tractor types.

ULTRA COMPACT 'V' FRAME
for maximum proximity to the tractor.

CENTRAL JOINT
for oscillation of +/- 5°
and perfect adaptation
to the profile of the soil.

OPTIONAL HYDRAULIC DISPLACEMENT
for better load distribution
when mowing on slopes.

SYNTHETIC FABRIC SURFACES
for maximum lightness.

FOLDING SIDE GUARDS AND LIFTABLE FRONT FRAME
for easy maintenance and
cleaning of the cutter bar.

LIGHT ALLOY GEARBOX
with integrated torque limiting clutch.

CONVEYOR CONES
to facilitate the swathing
of cut grass.

CUTTER BAR WITH OIL BATH GEARS,
protected by wear-resistant skids
and deflector screens in the areas
where the blades cross.

VERSIONS AVAILABLE
with 5, 6 or 7 discs.

LIGHT AND COMPACT

In order to keep weight and dimension down, the gearbox is made of light alloy and is placed behind the first disc to facilitate the outflow of the cut forage.

The cutter bar is protected both at the front and at the top with a synthetic sheeting, instead of a metal sheet, for a significant reduction in the overall weight of the machine.

The ultra-compact design of the frame, with its 'V'-shaped supporting beam, considerably reduces the overhang of the mower, bringing it even closer to the tractor, an indispensable feature for operating at its best even in alpine settings and on sloping terrain in general.

RELIABILITY AND SAFETY

To safeguard the integrity of the internal components of the transmission and cutter bar, Rotex Edelweiss machines feature numerous safety devices as standard:

- the discs are mounted on flanges with controlled-break safety pins in the event of impact against an obstacle,
- there is a clutch with torque limiter in the transmission gearbox,
- the transmission drive unit is equipped with an anti-slip freewheel.

The integrated free-floating transmission drive unit also allows the use of a normal cardan shaft to connect the mower to the tractor.

ROTEX EDELWEISS

FRONT-MOUNTED DISC MOWERS

TECHNICAL FEATURES	ROTEX EDELWEISS AS5	ROTEX EDELWEISS AS6	ROTEX EDELWEISS AS7
Number of discs	5	6	7
Cutting width (mm)	2050	2450	2850
Max. width in working condition (mm)	2700	3100	3500
Max. width in transport condition (mm)	2050	2450	2850
Swath width (mm)	1480	1880	2280
Weight without hitch (kg)	380	420	460
Weight with Standard hitch (kg)	450	490	530
Power required at PTO (kW/hp)	30 / 40	35 / 48	40 / 54

Tractor attachment frame	3-point category 1 and 2, available in different versions for hitching to all tractor types
Hydraulic displacement	available as an option (requires 1 double-acting distributor), allows transverse movement of approximately 175 mm on both sides
Bar lightening	via hydraulic tractor suspension, spring relief kit for conventional tractors available as an option
Drive box	prepared for both clockwise and anti-clockwise PTO tractors
Gearbox	light alloy, gears in oil bath with torque limiting clutch
Drive unit	with integrated free release
Central joint	with +/- 4° tilting and lockable during transport
Cutter bar	with transmission with gears in oil bath
Disc rotation	counter-rotating
Disc holder flanges	with torque limiter
Bar protection	baffles situated in the blade overlap zones
Conveyor cones	positioned on the first and last discs as standard
Swath boards	non-adjustable
Slides	wear-resistant special boron/manganese steel
Cutting unit protection	synthetic tarpaulin front and top
Side guards	reclining for road transport



ROTEX AVANT NT

FRONT-MOUNTED DISC MOWERS

NT5 | NT6 | NT7

Rotex Avant NTs are front-mounted disc mowers for universal use and, thanks to their compact dimensions and low power requirement, are ideal for working even on sloping terrain or in combination with rear-mounted mowers.

The robust, yet lightweight and space-saving construction ensures maximum resistance to even the highest stresses occurring during work and transfers.



DUSTDEFLECTOR WINGS
to flush out dust and debris raised during work.

OPTIONAL HYDRAULIC DISPLACEMENT
for better load distribution when mowing on slopes.

HITCHING FRAME AVAILABLE IN DIFFERENT VERSIONS
to match all tractor types.

IMPACT PROTECTION SHIELDS
in high strength plastic material.

ADJUSTABLE CONVEYOR CONES AND SWATH BOARDS
to facilitate swathing of cut grass.

SPHEROIDAL CAST IRON GEARBOX
with gears in oil bath.

CUTTER BAR WITH OIL BATH GEARS,
protected by wear-resistant skids and deflector screens in the areas where the blades cross.

VERSIONS AVAILABLE
with 5, 6 or 7 discs.

LIFTABLE FRONT PANEL TO 65°
for easy maintenance and cleaning of the cutter bar.

CENTRAL JOINT
for oscillation of +/- 5° and perfect adaptation to the profile of the soil.

TOTAL CONSTRUCTION QUALITY

Designed to withstand even the highest stresses, Rotex Avant NTs have been built with top-of-the-line materials and structural criteria.

The gearbox is made of spheroidal cast iron to guarantee maximum performance and durability.

Both a torque limiting clutch and an anti-slip freewheel are fitted as standard, while the discs are mounted on flanges with controlled breakaway safety pins.

The cutting unit is protected at the front and sides by high-strength plastic impact shields, while the upper part is protected by a metal sheet.

DUSTDEFLECTOR WINGS

The special fairing of Rotex Avant NT is designed to allow dust and debris raised by the mower at work to flow off to the side of the radiator grille of conventional tractors or the windscreen of reversible tractors.

This avoids annoying and prolonged stops for cleaning the tractor.

ROTEX AVANT NT

FRONT-MOUNTED DISC MOWERS

TECHNICAL FEATURES	ROTEX AVANT NT5	ROTEX AVANT NT6	ROTEX AVANT NT7
Number of discs	5	6	7
Cutting width (mm)	2050	2450	2850
Max. width in working condition (mm)	2920	3320	3720
Max. width in transport condition (mm)	2050	2450	2850
Min/max swath width (mm)	850 / 910	1200 / 1350	1250 / 1500
Weight without hitch (kg)	455	505	555
Weight with Standard hitch (kg)	525	575	625
Power required at PTO (kW/hp)	30 / 40	35 / 48	40 / 54

Tractor attachment frame	3-point category 1 and 2, available in different versions for hitching to all tractor types
Hydraulic displacement	available as an option (requires 1 double-acting distributor), allows transverse movement of approximately 175 mm on both sides
Bar lightening	via hydraulic tractor suspension. Optional: spring relief kit for conventional tractors
Bodywork with DustDeflector Wings	patented system consisting of two side deflectors that deflect dust-covered airflow to protect the tractor's cooling system
Drive box	prepared for both clockwise and anti-clockwise PTO tractors
Gearbox	spheroidal cast iron, with gears in oil bath
Drive unit	with integrated free-floating and transverse universal joint with torque limiting clutch
Central joint	with +/- 5° tilting, lockable during transport
Cutter bar	with transmission with gears in oil bath
Disc rotation	counter-rotating
Disc holder flanges	with torque limiter
Bar protection	baffles situated in the blade overlap zones
Conveyor cones	positioned on the first and last discs as standard
Swath boards	adjustable
Slides	wear-resistant special boron/manganese steel
Cutting unit protection	front and side in synthetic tarpaulin with plastic impact shields, sheet metal top
Side guards	reclining for road transport



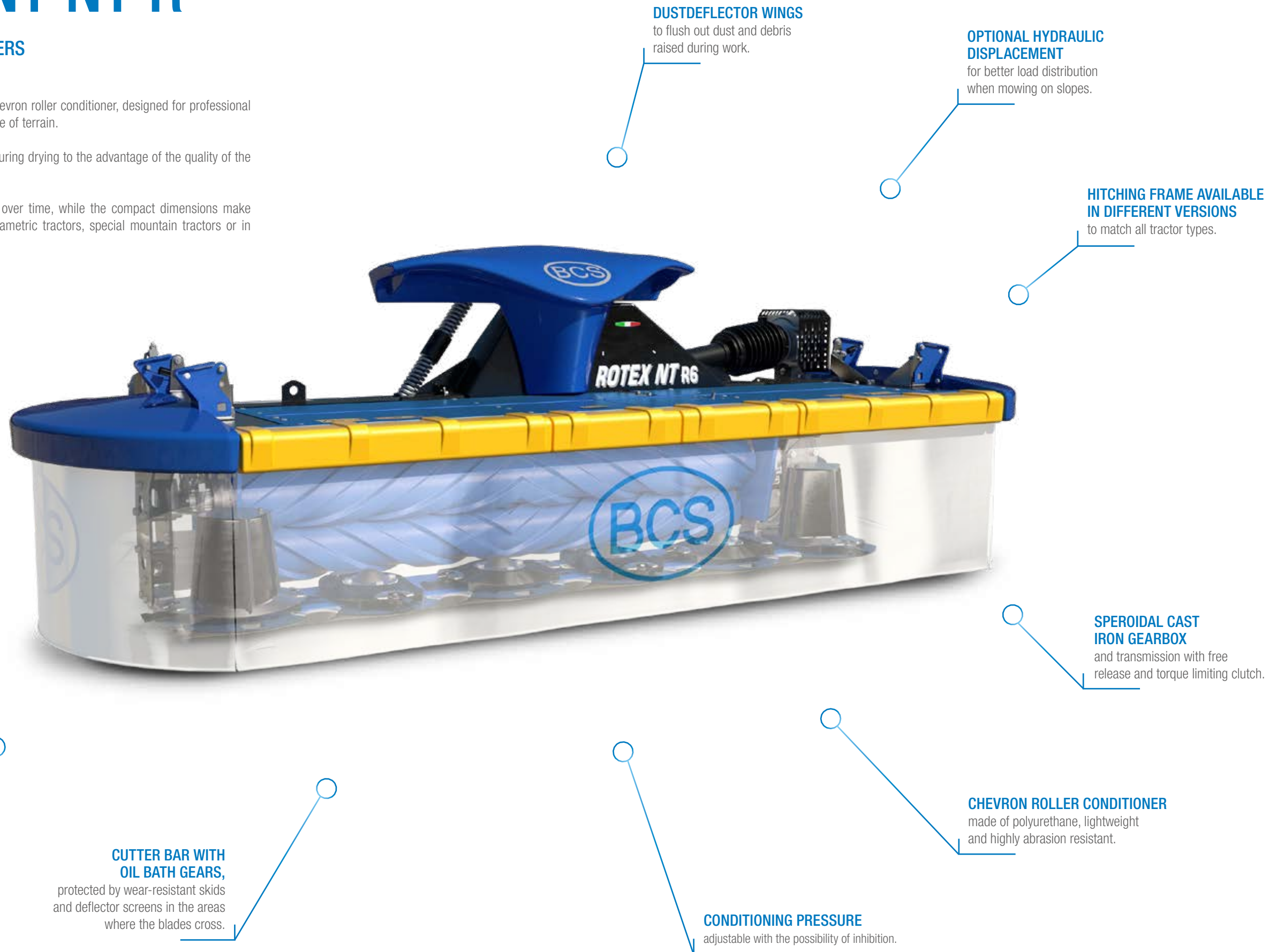
ROTEX AVANT NT R

FRONT-MOUNTED MOWER-CONDITIONERS R6 | R7

Rotex Avant NT R are front-mounted disc mowers with chevron roller conditioner, designed for professional agriculture for mowing and conditioning forage on any type of terrain.

Thanks to the roller conditioner, the grass is crushed favouring drying to the advantage of the quality of the fodder and the lower risk of exposure to the elements.

The robust construction guarantees maximum reliability over time, while the compact dimensions make the Rotex Avant NT R also applicable to reversible isodiametric tractors, special mountain tractors or in combination with rear-mounted mower-conditioners.



DUSTDEFLECTOR WINGS
to flush out dust and debris raised during work.

OPTIONAL HYDRAULIC DISPLACEMENT
for better load distribution when mowing on slopes.

HITCHING FRAME AVAILABLE IN DIFFERENT VERSIONS
to match all tractor types.

PLASTIC AND METAL PLATE IMPACT PROTECTION

to protect the cutter unit and conditioner.

VERSIONS AVAILABLE

with 6 or 7 discs.

SPEROIDAL CAST IRON GEARBOX

and transmission with free release and torque limiting clutch.

CENTRAL JOINT

for oscillation of +/- 5° and perfect adaptation to the profile of the soil.

CUTTER BAR WITH OIL BATH GEARS,

protected by wear-resistant skids and deflector screens in the areas where the blades cross.

CONDITIONING PRESSURE

adjustable with the possibility of inhibition.

CHEVRON ROLLER CONDITIONER

made of polyurethane, lightweight and highly abrasion resistant.

CONDITIONER

The roller conditioner made of special polyurethane resin, which is lightweight and has high abrasion resistance compared to classic rubber rollers.

The helix-shaped chevron ribbing allows the two rollers to work interlocked, crushing the grass stem and allowing it to dry quickly, preserving its integrity in both quality and nutritional terms.

The conditioning pressure is adjustable by means of a lever control connected to torsion bars that adjust the roller spacing.

The special geometry of the conditioner with the upper and lower rollers 'offset' allows for a better flow of fodder both in and out so as to optimise its effectiveness even with particularly dense harvests.

The upper roller is oscillating, to eject any foreign bodies, while a special guard attached to the rear of the cutter bar, available as an option, protects the lower roller in the event of violent impacts with stones when working in undeveloped soil.



ROTEX AVANT NT R

FRONT-MOUNTED MOWER-CONDITIONERS

TECHNICAL FEATURES	ROTEX AVANT NT R6	ROTEX AVANT NT R7
Number of discs	6	7
Cutting width (mm)	2450	2850
Max. width in working condition (mm)	3320	3720
Max. width in transport condition (mm)	2450	2850
Min/max swath width (mm)	1200 / 1350	1250 / 1500
Weight without hitch (kg)	675	745
Weight with Standard hitch (kg)	745	815
Power required at PTO (kW/hp)	50 / 68	55 / 75
Tractor attachment frame	3-point category 1 and 2, available in different versions for hitching to all tractor types	
Hydraulic displacement	available as an option (requires 1 double-acting distributor), allows transverse movement of approximately 175 mm on both sides	
Bar lightening	via hydraulic tractor suspension. Optional: spring relief kit for conventional tractors	
Bodywork with DustDeflector Wings	patented system consisting of two side deflectors that deflect dust-covered airflow to protect the tractor's cooling system	
Drive box	prepared for both clockwise and anti-clockwise PTO tractors	
Gearbox	spheroidal cast iron, with gears in oil bath	
Drive unit	with integrated free-floating and transverse universal joint with torque limiting clutch	
Central joint	with +/- 5° tilting, lockable during transport	
Cutter bar	with transmission with gears in oil bath	
Disc rotation	counter-rotating	
Disc holder flanges	with torque limiter	
Bar protection	baffles situated in the blade overlap zones	
Conveyor cones	positioned on the first and last discs as standard	
Swath boards	adjustable	
Slides	wear-resistant special boron/manganese steel	
Cutting unit protection	front and side in synthetic tarpaulin with plastic impact shields, sheet metal top	
Side guards	reclining for road transport	
Conditioner	with rollers made of special polyurethane resin and chevrons, upper swing roller for the expulsion of any foreign bodies	
Conditioning width (mm)	1800	2100
Adjusting the conditioning pressure	by lever control	
Lower roller protection	optionally for use on ground with stones	

FRONT-MOUNTED MOWER-CONDITIONERS NEVA AVANT

The Neva Avant range includes advanced front-mounted disc mowers, equipped with roller or flail conditioners, for the large-area and intensive agriculture market.

The exclusive patented parallelogram frame and the dynamic lightening system optimise the weight on the ground of the machine at work, on any soil and at any speed.

The Neva Avant with chevron roller conditioner has also been designed for perfect use in combination with the Dynamix rear-mounted mower-conditioner, for a work site over 6 metres wide:

- More efficient mowing
- Optimisation of working time
- Reduced fuel consumption



NEVA AVANT

FRONT-MOUNTED SUPER-PROFESSIONAL MOWER CONDITIONERS R7 | R8 – F7 | F8

Neva Avant models represent the top of the range of front-mounted forage mowing and conditioning equipment and have in their cutting quality, reliability and exclusive technical content their obvious strengths.

Setting up the mower conditioner in working position can be done easily and intuitively directly from the tractor driver's seat, via a chromatic alignment indicator on the bodywork.



DUSTDEFLECTOR WINGS
to flush out dust and debris raised during work.

MULTIPLE MOVEMENT FRAME
and patented dynamic lightening.

TRANSMISSION
equipped with integrated free release and clutch with torque limiter.

PLASTIC AND METAL PLATE IMPACT PROTECTION
to protect the cutter bar and conditioner.

CONDITIONING PRESSURE
widely configurable according to needs and working conditions.

SPHEROIDAL CAST IRON GEARBOX
with 'low noise' gears in oil bath.

CONVEYOR CONES
mounted on the first and last disc provide a better flow of the cut fodder towards the conditioner.

DISC-HOLDING FLANGES WITH SAFETY PINS
to protect internal parts in case of impact of the discs against obstacles.

VERSIONS AVAILABLE
with 7 or 8 discs, with roller or flail conditioner.

CUTTER BAR WITH OIL BATH GEARS,
protected by wear-resistant skids and deflector screens in the areas where the blades cross.

MULTIFLOAT FRAME®

The MultiFloat Frame® is a patented multi-movement chassis supported by parallelogram kinematics, with torsion bar for transversal balancing of the cutter equipment.

This system ensures that the Neva Avant always has an optimal set-up and maximum adaptability to all types of terrain.

Protection from impacts against hidden obstacles.

The overcoming of any obstacle in a collision or uphill mowing, is ensured by the possibility of performing three simultaneous movements:

- Move backwards
- Lift
- Turn

What makes Neva Avant unique, thanks to the MultiFloat Frame®, is that the cardan shaft is released from the cutter bar, thus leaving it free to move back with respect to the tractor, minimising the impact force, as well as performing the various movements around the axles imposed by the structure of the terrain on which it works.

DYNAMIC LIGHTENING

In addition to two adjustable springs, Neva Avant are equipped with a patented dynamic lightening system.

In fact, Dynamic Lightening uses the friction forces developed by the machine at work and transforms them into lightening forces, optimising the ground weight of the mower-conditioner even at high speeds.

The advantages of self-lightening.

- Increase of tractor manoeuvrability, making the bar lighter.
- Reduction of the power required by the tractor and, consequently, fuel consumption reduction.
- Keeping the cutter bar always clean, to the full advantage of fodder quality.

DUSTDEFLECTOR WINGS

DustDeflector Wings is a patented deflector system that protects the tractor's cooling system from dust and debris raised during forage mowing.

No more wasting time.

An upper deflector screen and two side wings deflect the dust-soaked airflow to the sides of the tractor, keeping the radiator grille and cab windscreen clean at all times, preventing the driver from having to make constant, annoying pit stops to clean them.



CONDITIONING EQUIPMENT

Neva Avant are available with roller or flail conditioners, which can reduce forage drying time by up to 50%.

Roller conditioner

The chevron roller conditioner crushes the fodder ensuring a gentle but effective treatment of even the most fragile crops, minimising leaf loss.

- Polyurethane rollers are abrasion-resistant and lighter than rubber rollers.
- Helical chevron ribbing allows the two rollers to work interlocked.
- Upper swing roller to protect the conditioner and keep it intact in the presence of foreign bodies.
- Conditioning pressure, adjustable using a lever with the possibility of inhibition.
- Lower roller protection, optional and recommended for use on stony ground.



Flair conditioner

The flail conditioner acts by fragmenting and tearing the waxy film enveloping the grass stalk, also making the overall weight of the mower conditioner lighter.

- Nylon 'V'-shaped flails, lightweight and with high abrasion resistance.
- Conditioning intensity can be adjusted by means of a movable guard and a double comb.
- Maximum conditioning customisation thanks to adjustable rotor speed of 630 or 970 rpm.
- Special elastic shock absorber for protection against accidental impacts.
- Rotor guard, optional and recommended for use on stony ground.



NEVA AVANT

FRONT-MOUNTED SUPER-PROFESSIONAL MOWER CONDITIONERS

TECHNICAL FEATURES	NEVA AVANT R7	NEVA AVANT R8	NEVA AVANT F7	NEVA AVANT F8
Number of discs	7	8	7	8
Cutting width (mm)	2850	3250	2850	3250
Max. width in working condition (mm)	3720	4120	3720	4120
Max. width in transport condition (mm)	2850	3200	2850	3200
Min/max swath width (mm)	1100 / 1400	1350 / 1700	1200 / 1450	1600 / 1850
Weight (kg)	1075	1155	1025	1105
Power required at PTO @1000 rpm (kW/cv)	55 / 75	60 / 82	55 / 75	60 / 82

Tractor hitch	provision for Accord-type triangular quick hitch, hydraulic equipment required: 1 single-acting directional control valve with discharge coupling
MultiFloat Frame® parallelogram frame	multi-movement chassis supported by patented parallelogram kinematics, with torsion bar for transversal balancing of the cutter bar
Bar lightening	by two adjustable springs and patented Dynamic Lightening system
Bodywork with DustDeflector Wings	patented system consisting of two side and one top deflectors that deflect dust-covered airflow to protect the tractor's cooling system
Drive box	prepared for tractors with PTO @1000 rpm
Gearbox	spheroidal cast iron, low-noise bevel gears in oil bath
Drive unit	with integrated free-floating and transverse universal joint with torque limiting clutch
Cutter bar	with transmission with gears in oil bath
Disc rotation	normal
Disc holder flanges	with torque limiter
Bar protection	baffles situated in the blade overlap zones
Conveyor cones	positioned on the first and last discs as standard
Swath boards	adjustable
Slides	wear-resistant special boron/manganese steel
Cutting unit protection	front and side in synthetic tarpaulin with plastic impact shields, sheet metal top
Side guards	reclining for road transport

Conditioner	with rollers made of special polyurethane resin and chevrons, upper swing roller for the expulsion of any foreign bodies	with 'V'-shaped nylon flails, elastic shock absorber for protection against accidental impacts		
Roller/rotor speed (rpm)	970	adjustable to 630 or 970		
Conditioning width (mm)	2200	2600	2200	2600
Conditioning pressure/intensity adjustment	0 to 500 kg by lever control	via movable divider and double comb		
Lower roller/rotor protection	optionally for use on ground with stones			



The information indicated in this folder is not binding. The models described may be modified, without notice, by the Manufacturer.
The drawings and photos may refer to equipment that is either optional or intended for other countries.

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MADE IN ITALY