

NOVELTIES 2015/2016

SEGADORA LATERAL

DISC 300 S ALP

MUELLE DUAL(suspensión por muelles)

Enganche robusto

CSS (sistema anticolidión)

Cilindro hidráulico de levantamiento lateral

Lonas de seguridad de grandes dimensiones

QCS - cambio rápido de cuchilla

DDSS - Sistema de accionamiento de los discos



STANDARD EQUIPMENT

Attachment	3- point linkage Cat. I & II
Drive	Belt drive
Collision safety system	Mechanical
Ground pressure relief	Mechanical
Hydraulic connection	1 x one-way hydraulic connection (1EW)
Other standard equipment	QCS (quick change system), spare blades, QCS tool, shear safety pins, foldable protective curtains against flying debris (CE Norm), PTO shaft

TECHNICAL DATA

DISC 300 S ALP

Working width (m)	3,0
Weight (kg)	580
Transport width (m)	1,46
Transport height (m)	3,80
Number of discs	7
Number of blades	14
Blade dimensions (mm)	110x48x4
Disc rotation speed (rpm)	3185
PTO rotation speed (rpm)	540
Capacity (ha/h)	3,50
Required tractor power (kW/HP)	45/60
Max. working speed (km/h)	18
Cutting height (mm)	35-60
Swath width (m)	-
Disc rotation	towards centre
Assembly time (h)	1

NEW PRODUCT
SEASON 15/16

Tensioning spring of the belt drive



Robust and lightweight three point linkage



DUAL SPRING (ground pressure relief system), the first spring relieves the inner heel of the cutter bar and the adjustable second spring relieves the outer end of the cutter bar.



Drive of the cutter bar

DISC S ALP side mower ensures excellent mowing on extremely sloped terrain.

The light yet robust construction and professional cutter bar ensure excellent ground contour following in the range of - 30 ° do + 45 °. In the event of a collision the mower is well protected.

Despite working on extremely sloped terrain discs rotating towards the centre enable a narrower swath, clean cut and less damage to the turf.

The main attributes of DISC S ALP mower are easy handling, easy transport and easy maintenance.

SEGADORA FRONTAL

SILVERCUT DISC 340 F /FC

Enganche flexible de paralelogramo

Enganche modular para segadoras con y sin acondicionador

Cilindro hidráulico de respuesta inmediata

Sistema de suspensión hidroneumático



STANDARD EQUIPMENT

Attachment	Quick A frame linkage Cat. II
Drive	Angle drive, PTO shaft and double universal joint
Ground pressure relief	Hydro-pneumatic
PTO shaft	Friction safety clutch and free wheel clutch
Hydraulic connection	1 x one-way hydraulic connection (1EW)
Other standard equipment	QCS (quick change system), spare blades, QCS tool, shear safety pins, foldable protective curtains against flying debris (CE Norm)

TECHNICAL DATA

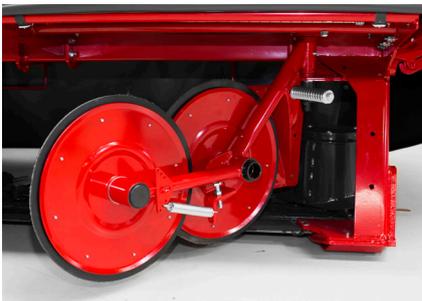
	SILVERCUT DISC 340 F	SILVERCUT DISC 340 F FC
Working width (m)	3,25	3,25
Weight (kg)	945	1040
Transport width (m)	3,25	3,25
PTO rotation speed (rpm)	1000	1000
Disc rotation speed (rpm)	3000	3000
Number of discs	8	8
Number of blades	16	16
Blade dimensions (mm)	110x48x4	110x48x4
Required tractor power (kW/HP)	70/95	70/95
Max. working speed (km/h)	18	18
Capacity (ha/h)	3,5	3,5
Cutting height (mm)	40 - 70	40 - 70
Swath width (m)	1,50	1,50
Disc rotation	combined	combined

PROTOTYPE

A robust linkage with a hydro-pneumatic ground pressure relief system (Hydraulic float) offers excellent responsiveness to changes in terrain.



The leveling mechanism of the linkage ensure that the cutter bar is balanced +/- 14°.



Swath discs ensure a narrower swath. (SILVERCUT DISC 340 F)



The intensity of conditioning with the finger conditioner (FC) can be set to provide the best forage. Plastic fingers offer the best conditioning.

The new front mower linkage offers great visibility and excellent control while mowing. The linkage is very responsive and accurate when mowing on uneven terrain.

Excellent ground contour following offers better forage quality and higher nutrition values with lower fuel consumption and less wear of the mower.

The cutter bar is designed to be trailed not pushed as with the conventional mowers. The trailed cutter bar in combination with the hydro-pneumatic ground pressure relief system allow the mower to respond to uneven terrain even faster and more precisely which gives an even and clean cut and does not damage the turf.

The new linkage allows up to 500 mm of vertical travel, which is more than any other on the market. The design of the new linkage enables the cutter bar to rise by 14° and drop by 8° and horizontal adaptation to terrain up to ± 14° when going over uneven terrain.

Because of its robust and thought outer design the new front mower linkage offers reliable and long-term use.

TRAILED MOWER

DISC 300 TC RC

Input por transmisión pivotante

Barra de enganche hidráulica

Accionamiento intermedio pivotante

Estructura de paralelogramo

Suspensión hidroneumática



STANDARD EQUIPMENT

Attachment	2-point linkage Cat. II & III
Drive	Angle drive, PTO shaft and double universal joint
Collision safety system	Parallelogram frame
Ground pressure relief	Hydro-pneumatic
PTO shaft	Friction safety and free wheel clutch
Hydraulic connection	1 x one-way hydraulic connection (1EW) 2 x two-way hydraulic connection (1DW)
Other standard equipment	QCS (quick change system), spare blades, QCS tool, shear safety pins, foldable protective curtains against flying debris (CE Norm)

TECHNICAL DATA

DISC 300 TC RC

Working width (m)	2,9
Weight (kg)	1880
Transport width (m)	3
Transport height (m)	2
Number of discs	7
Number of blades	14
Blade dimensions (mm)	110x48x4
Disc rotation speed (rpm)	3000
PTO rotation speed (rpm)	1000
Capacity (ha/h)	3,5
Required tractor power (kW/HP)	60/80
Max. working speed (km/h)	18
Cutting height (mm)	40-70
Disc rotation	paired
Conditioner	rubber rollers

PROTOTYPE

Hydro-pneumatic ground pressure relief system.



The parallelogram frame offers excellent ground contour following.



The wheels of the frame are positioned close to the cutter bar.



The main gear box on the linkage can be rotated by 90°.



Special intermediate pivoting drive.



The rubber roller conditioner (RC) offers even conditioning of the forage. The intensity of conditioning is continuously adjustable.

DISC TC RC trailed mower is a well-balanced mower that offers excellent ground contour following thereby providing better quality forage. Because the mower is trailed it offers vast energy savings, lower consumption of fuel and less wear to the machine itself.

The easy to use welded construction offers excellent manoeuvrability because the mower can turn at an angle of over 90°. The cutter bar can be shifted to both the right and left side of the tractor.

The drawbar can be folded to reduce storage length by 4 m.

COMBINACIÓN DE SEGADORAS SILVERCUT DISC 1000 C

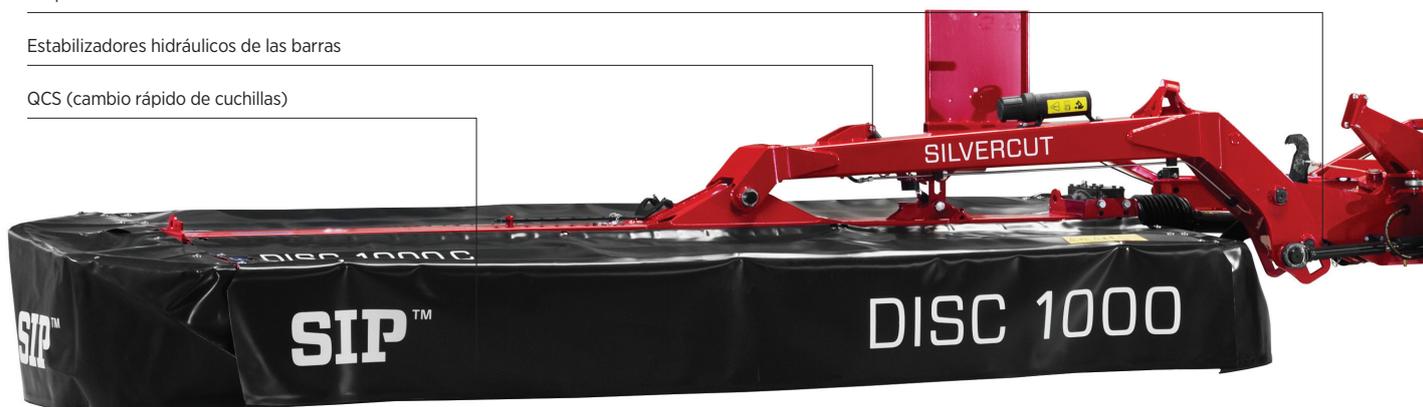
Enganche robusto con patas de almacenamiento

CSS (sistema anticollisión)

Suspensión hidroneumática

Estabilizadores hidráulicos de las barras

QCS (cambio rápido de cuchillas)



STANDARD EQUIPMENT

Attachment	3-point linkage Cat. II & III
Drive	Angle drive, PTO shaft and double universal joint
Collision safety system	Mechanical
Ground pressure relief	Hydro-pneumatic
Hydraulic connection	1 x one-way hydraulic connection (1EW) 2 x two-way hydraulic connection (2DW)
PTO shaft	Friction safety clutch and freewheel clutch
Other standard equipment	QCS (quick change system), spare blades, QCS tool, shear safety pins, foldable protective curtains against flying debris (CE Norm)

TECHNICAL DATA

	SILVERCUT DISC 1000 C
Working width (m)	9,60
Weight (kg)	1920
Transport width (m)	2,86
Transport height (m)	4,2
PTO rotation speed (rpm)	1000
Disc rotation speed (rpm)	3000
Number of discs	18
Number of blades	36
Blade dimensions (mm)	110 x 48 x 4
Required tractor power (kW/HP)	90/120
Max. working speed (km/h)	18
Capacity (ha/h)	12
Cutting height (mm)	40-70
Swath width (m)	2,20-2,60
Disc rotation	paired
Conditioner	-



In the folded position the machine is very compact and requires very little storage space.

PROTOTYPE



High mowing capacity up to 22 ha/h in combination with SILVERCUT front mower.



Multipoint LED rear lights for better visibility on the road.



Adjustable support legs allow the machine to be stored in the transport position

Hydraulic ground pressure relief system



The **SILVERCUT DISC C** mower combination has only one goal: ensure the highest possible quality in the shortest possible time.

By combining the mowers the output is significantly higher. That is why the mower combination is intended for large scale farming and professional contractors.

If we take into account that the mower combination is capable of mowing up to 15 ha/h, we truly believe that this machine will satisfy the needs of even the most demanding users.

ROTARY TEDDER

SPIDER 1100|10 T

3,6 m long transport frame

Brakes optional

Patented hydraulically aided adjustment of rotor inclination

Linked protection rails give the machine better rigidity

Modular built rotor segments



STANDARD EQUIPMENT

Attachment	3-point pivoting linkage Cat. II and III., drawbar with transport frame (*trailed version)
Transport	Hydraulic folding on to transport frame
Rotors	Spring tine arms made of high-quality round tubes
Spring tines	Double spring tines made of high-quality spring steel with different shank lengths
PTO shaft	Wide-angle PTO shaft with safety clutch
Hydraulic connection	1 x one-way hydraulic connection (1EW), 2 x two-way hydraulic connection (1DW)
Other standard equipment	Road safety and lighting equipment

TECHNICAL DATA

	SPIDER 1100 10 T
Number of rotors	10
Rotor diameter (m)	1,45
No. of spring tines per rotor	6
Capacity (ha/h)	11
Angle adjustment	15-21°
Working width (m)	10,80
Transport length (m)	5,10
Transport width (m)	3,00
Transport height (m)	2,40
Weight (kg)	1780
Required tractor power (kW/HP)	74/100
PTO rotation speed (rpm)	450-540
Rotor rotation speed (rpm)	185
Tyre size	16x6.50 -8 6 PR
Transport frame tyre size	18x8.50 -8 6 PR
Safety clutch (Nm)	11.5/80 -15,3
	1300



The short transport frame offers excellent maneuverability. In the folded position the machine is very compact and requires very little storage space.

NEW PRODUCT
SEASON 15/16



Patented folding of side protection on transport frame.



Simple attachment of tedder via height adjustable drawbar and towing eye.



Patented rotor angle adjustment of 15° - 21° (optional hydraulically controlled rotor angle adjustment system) enables fine spreading of dry and fresh forage.



Brakes for safer work on sloped terrain optional.

The rotary tedder **SPIDER 1100|10 T** is extremely robust and compact, however it is still light and very manoeuvrable. The linked safety railings give the machine additional stability and rigidity whilst taking most of the loads of the joints between the rotors.

Each rotor can follow the ground contour individually which in combination with the small diameter of the rotor offers excellent tedding abilities. The angle of tedding is easily adjusted which makes working with the **SPIDER 1100|10 T** quick and hassle free. In the transport position the tedder is narrower than 3 meters.

ROTARY RAKE

STAR 1000|30 T

Input pivoting drive

Y-gearbox

Hydro-pneumatic ground contour following

Continuously adjustable hydraulic swath width control

Hydraulically adjustable working height

3D pivoting rotor



STANDARD EQUIPMENT

Attachment	Lower arms of three point linkage Cat. I & II
Transport	All spring tine arms are removable, hydraulic lift of rotors
Rotor	Modular rotor
PTO shaft	Wide angle PTO shaft with safety clutch
Ground pressure relief	Hydro-pneumatic
Hydraulic connection	1 x one-way hydraulic connection (1EW) 1 x two-way hydraulic connection (1DW)
Other standard equipment	Height adjustable tandem spring tines, tandem rotor axles, swath curtain, road safety equipment

TECHNICAL DATA

STAR 1000|30 T

Working width central swath (m)	8,82-9,94
Rotor diameter (m)	4,26
Transport width (m)	2,81
Transport height (folded protection railing) (m)	3,99
Weight (kg)	2750
No. of spring tines per arm (machine)	4 (120)
Rotor undercarriage tyre size	18x8,50
Frame tyre size	11,5/80-15,3
Required tractor power (kW/HP)	60/80
PTO rotation speed (rpm)	540
Safety clutch on PTO shaft	900
- left / right (Nm)	
Capacity (ha/h)	18,0
Length (m)	7,0



By shifting the cam track by 105°, lower arms can be positioned parallel to the driving direction to increase safety during transport.

PROTOTYPE



Hydro-pneumatic ground contour following.



Continuously adjustable hydraulic swath width control allows the width to be adjusted even when working.



Hydraulically adjustable working height of rotors.



The robust steering mechanism offers a +/- 75° turning angle that allows the rake to follow the tractor perfectly.

With four spring tines per arm, tandem axles and hydraulically adjustable rotor height, the **STAR 1000|30 T** double rotor rake ensure a shorter working time and greater productivity.

A 3D pivoting linkage of the rotors to the frame in combination with hydro-pneumatic ground contour following ensure excellent and clean work on all types of terrain.

MANURE SPREADER

ORION 70 ALP

Continuous regulation of the hydraulically controlled floor conveyor

60 cm folding steel side

"V" shaped undercarriage for additional rigidity

Spreading unit with 10° angle

Hydraulic manure-dosing wall



STANDARD EQUIPMENT

Attachment	Drawbar for speeds of up to 25km/h
Drive	Wide-angle PTO shaft with friction safety clutch 900 Nm
Brake	Hand brake
Hydraulic connection	1 x one-way hydraulic connection (1EW) 1 x two-way hydraulic connection (1DW)
Other standard equipment	Continuously hydraulic drive of the conveyor floor, automatic chain tensioner, central lubrication system of front and rear sprocket wheel drive

**NEW PRODUCT
SEASON 15/16**

Wider and higher conveyor bars ensure a 70 % longer life span.



TECHNICAL DATA

ORION 70 ALP

Gross weight (kg)	7000
Weight (kg)	1900
Load capacity (kg)	5100
Max. length (m)	5,87
Max. width (m)	2,15
Max. height (m)	2,65
Height of sides (m)	0,60
Loading surface (m ²)	6,63 (3,9x1,7)
Loading volume (m ³) (with extensions)	7,30
Drawbar load (kg)	1400
Required tractor power (kW/HP)	50/70
PTO Rotations (rpm)	540
Track width (m)	1,60
Spreading unit	four vertical beaters
Sides	steel - folding
Spreading unit protection	hydraulic door
Floor conveyor chains	2 chains 11 x 31 mm
Floor conveyor drive	continuous hydraulic



The spreading device allows for an optimal angle of spreading because it is tilted at a 10° angle. Segments on the spreading beaters are made of wear-resistant material and enable fine spreading (especially important for spreading on pastures).



The »V« shaped undercarriage gives the manure spreader additional rigidity when operating on uneven terrain.

ORION 70 ALP is an exceptional manure spreader with a combine weight of 7 tonnes. It is both durable and simple to use. Continuously adjustable chain conveyor allows complete control over the amount of manure spread.

All functions can be controlled from the tractor cabin. Specially designed replaceable spreading segments on the spreading unit ensure fine and even spreading.

It also has an excellent hydraulic system which enables the hydraulic manure dosing wall height to be regulated.

