



THE BEST HAS A NAME
ORSI *Group*

44° 41' 13" N
11° 20' 17" E



FOR TRADITION
ONE STEP AHEAD

HYDRAULIC HEDGE MOWERS | PROFESSIONAL SERIES

WWW.ORSIGROUP.IT

COMMAND

CLASSIC

Standard

COMMAND WITH PROGRESSIVE TELEFLEXIBLE CABLES

Maximum reliability and robustness, high easy use.



FAST-TRONIC

ELECTRO-PROPORTIONAL COMPENSATED COMMAND ALL THE 5 OR 4 ELECTRO-PROPORTIONAL COMPENSATED MOVEMENTS ADJUSTABLE BY OPERATOR VIA 4.5" GRAPHIC DISPLAY

Ergonomic joystick with a robust 4.5" high visibility colour screen display. The advantage of controls with CAN-BUS technology with the reduced dimensions of electric cables in the cab for all control communications.

The FAST-TRONIC command has 5 or 4 proportional, fully compensated movements. The joystick is ergonomically designed to allow the operator to work with minimal arm movement, in total comfort, for long hours.

All the movements are compensated to allow them to be used simultaneously. The speeds of all movements are adjustable and programmable by the operator, using the 4.5" control display. The colour screen multifunction display shows the hour count, rotation of rotor, radiator operation, operating temperature and with a graphic drawing showing in real time the movement in operation. There is a diagnostic menu where you can check the electro-valve functionality of each movement and the Joystick calibration. Floating activation and activation of the oleo pneumatic system with accumulator for the first arm are all viewable with icons on the display, where you can also set the rotor reversal function that also has electronic anti-reversal safety timer.

Activating a button located on the display, AUX 1 and AUX 2, it is possible to set and control optional functions. The distributor block with compensators on each element allows the main movements to function smoothly and simultaneously. There is also a history menu keeping a record of the hours worked, day data, the temperature of the oil and whether the operator worked with a temperature alert showing. In the unlikely event of malfunctions, there are some mechanical levers for temporary joystick free operation.



NEW SMART-TRONIC V2.1

AVAILABLE STARTING
FROM THE 1/1/2023



SIMULTANEOUS
MOVEMENTS

JOYSTICK WITH 5 ELECTRO-PROPORTIONAL COMPENSATED MOVEMENTS

An ergonomic and highly sensitive joystick where everything is in the palm of one hand. Very small footprint in the cockpit, the joystick puts the operator in complete control via a small electrical cable.

The SMART-TRONIC command has all of the movements proportional and compensated which allow a simultaneous use without having any losses in pressures or functions that slow down or freeze. The 1st and 2nd boom are controlled by the joystick and the rotor activation goes with an electric command and has a timer on the change of the rotor's direction. The float function is also selected by a button on the Joystick whilst the proportional movement of the head inclination is adjusted by a roller on the joystick. Using other two rollers on the joystick you control the proportional movement of the slew and of the telescopic arm (if equipped).

The machine comes with mechanical levers as a standard equipment for emergency operations without having to use the Joystick. Each element of the distributor is equipped with its own integrated proportional valve with a pressure compensator to allow multiple and simultaneous movements.

SMART-TRONIC



OUT OF PRODUCTION FROM
THE 31/12/2022



SIMULTANEOUS
MOVEMENTS

COMPENSATED ELECTRO-PROPORTIONAL COMMAND 5 ELECTROPROPORTIONATE MOVEMENTS (3 COMPENSATED)

High sensitivity, ergonomic command with everything at your fingertips. Very small footprint in the cockpit, the joystick puts the operator in complete control via a small electrical cable.

The SMART-TRONIC command has all proportional movements, 3 of which are compensated thus allowing simultaneous use without having dips in pressures or functions that slow down or freeze the operation. The 1st and 2nd arms are controlled by the joystick and the rotor activation operated by buttons with rotor safety anti-reversal timer. The float function is also selected by a button on the Joystick whilst the proportional movement of the head angle is adjusted by a roller on the joystick. Pressing 2 buttons on the joystick, changes the movement of the joystick to operate proportional movements of the slew (if equipped).

In case of problems, there are mechanical levers for a possible temporary operation without Joystick. Each element of the distributor is equipped with its own integrated proportional valve with pressure compensator to allow multiple movements to be moved simultaneously.

THE ORSI QUALITY



ARM ENDING AND JOINT GROUP
IN CAST IRON

HARDOX AND STRENX



WHY WE USE HARDOX?

Hardox® 450

The most popular abrasion-resistant steel with excellent structural properties.

Hardox® 450 is an abrasion-resistant steel with a nominal hardness of 450 HBW. Hardox® 450 combines good bendability and weldability with an option for guaranteed impact toughness (Hardox® 450 Tuf).

The products can be used in many different components and structures that are subject to wear. Hardox® 450, with an extra 50 Brinell hardness over our 400 grade, provides better dent and abrasion resistance as well as longer wear life, so you can achieve even greater savings.



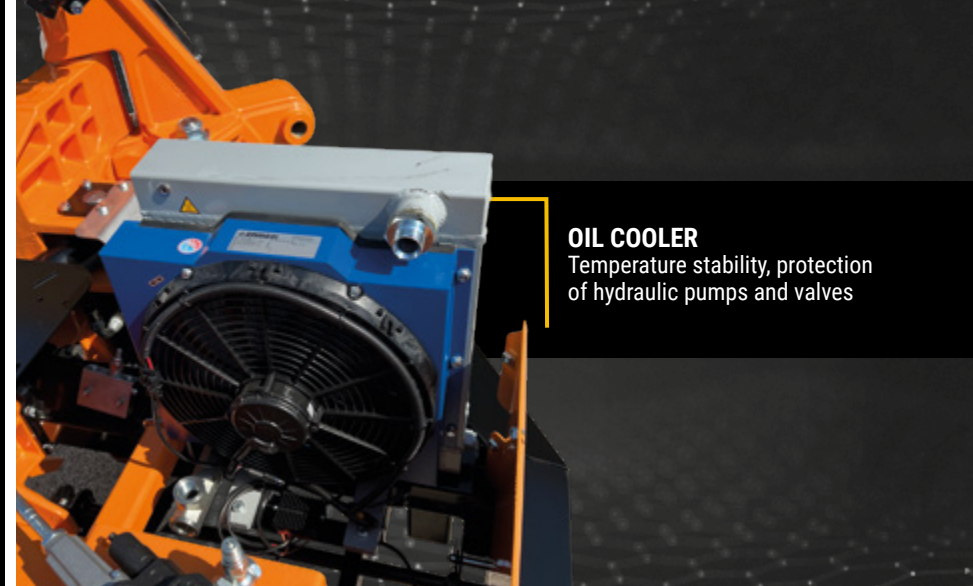
WHY WE USE STRENX?

Superior properties

Strenx® steel has extremely consistent properties, ensuring precision and efficiency in the workshop.

If you think all steel is basically the same, Strenx® performance steel will change your thinking. Strong and reliable from surface to core, Strenx® steel features exceptional surface quality as well as impressive thickness and flatness tolerances verified by the Strenx® guarantees. The steel's properties - yield and tensile strength, bending performance, impact toughness - are carefully tested to ensure reliability and consistency in every delivery.

HYDRAULIC SYSTEM



OIL COOLER
Temperature stability, protection of hydraulic pumps and valves

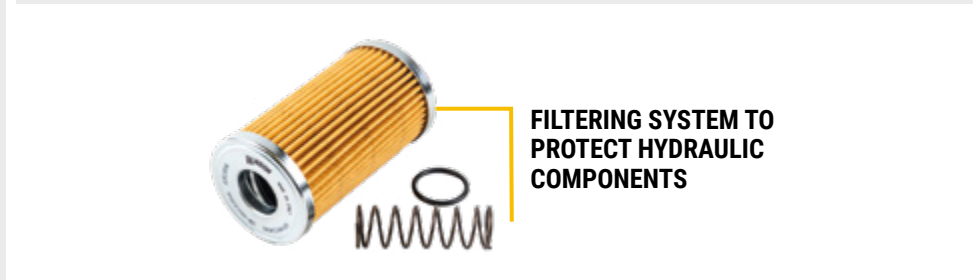


HIGH PERFORMANCE GEAR PUMP AND MOTOR



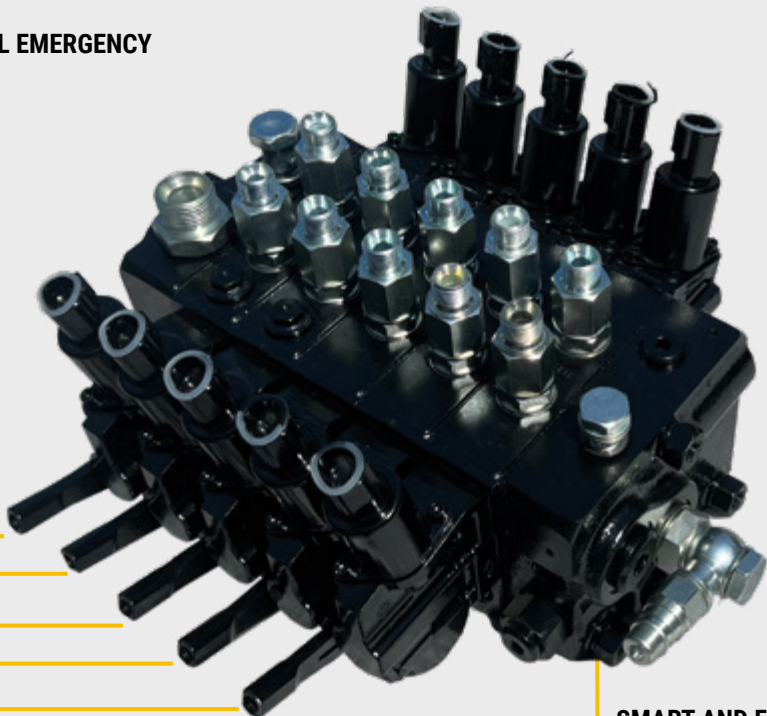
OVERCENTER VALVES
(only smart-tronic and fast-tronic)

CAST-IRON GEARBOX



FILTERING SYSTEM TO PROTECT HYDRAULIC COMPONENTS

MANUAL EMERGENCY LEVERS



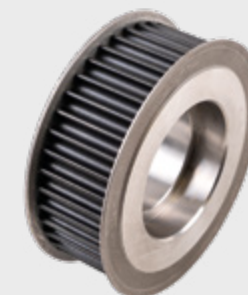
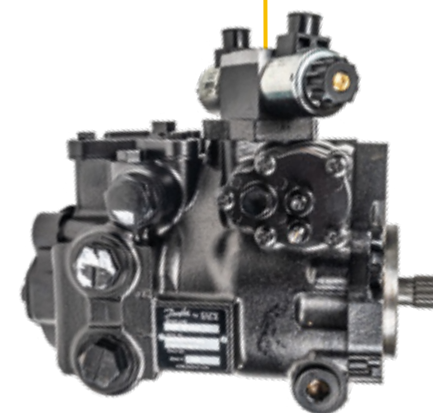
SMART AND FAST-TRONIC, ELECTRO PROPORTIONAL AND COMPENSATED MONOBLOCK VALVE

KIT *KOMPRESSOR*

80HP

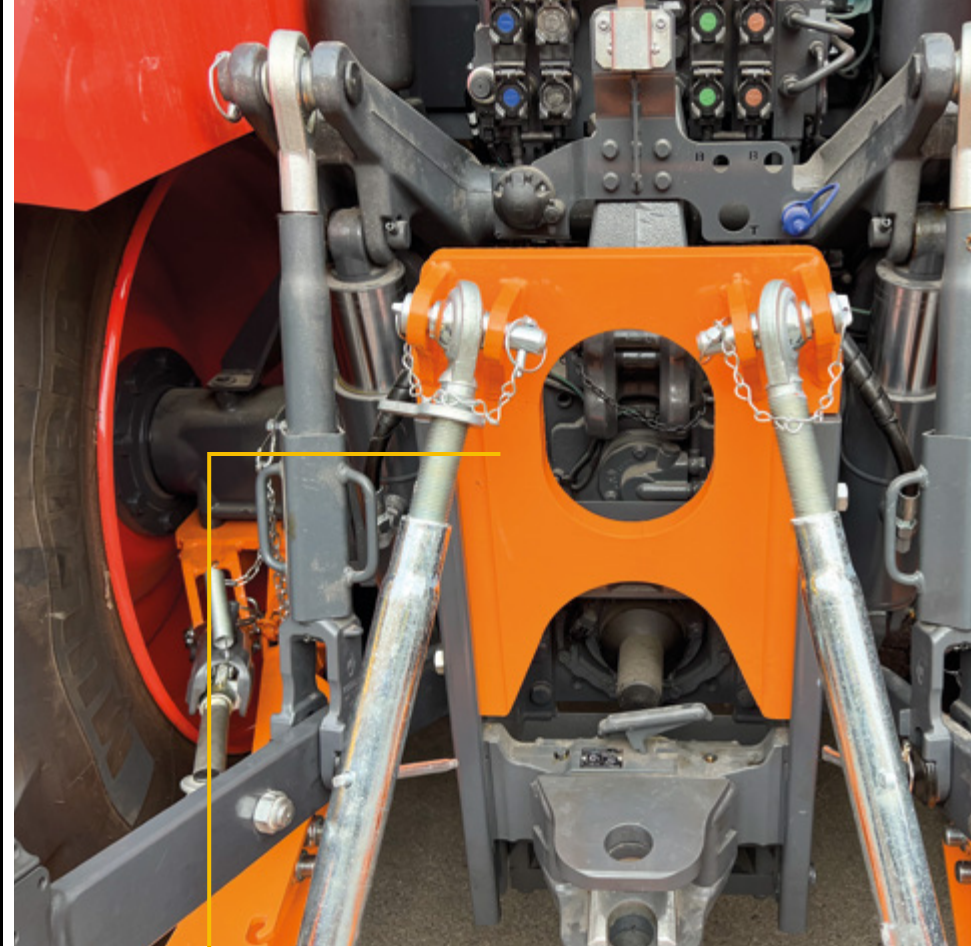


HYDRAULIC
AXIAL-PISTON
PUMP AND MOTOR



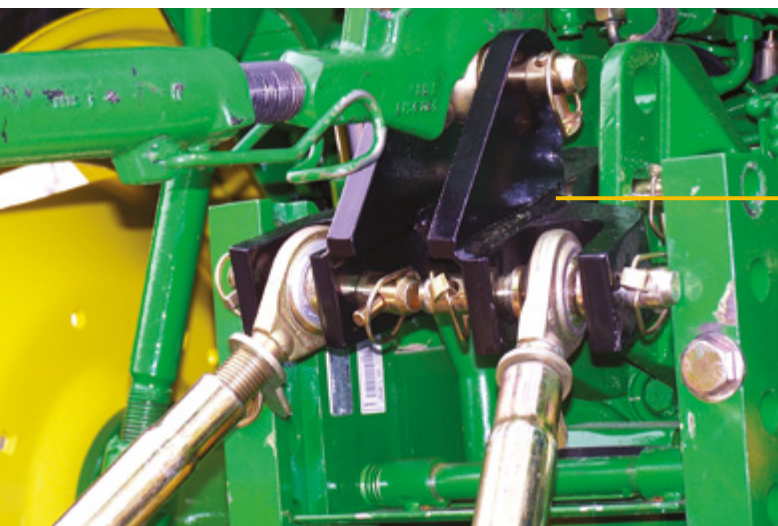
TRANSMISSION WITH TOOTHED PULLEYS
AND SINGLE BELT IN KEVLAR

TRACTOR ATTACHMENTS



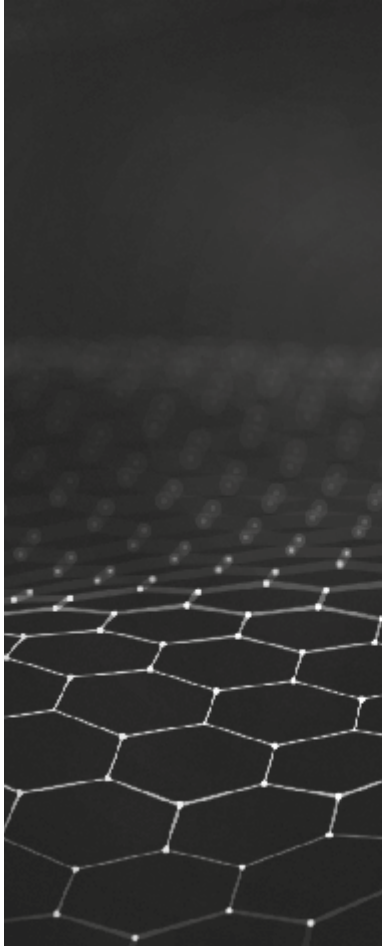
STABILIZERS HITCH PLATE *(recommended options)*

Some tractors are equipped with a sledge tow hook. This type of attachment for tensioners makes the mounting of the hedge cutter on the tractor more rigid.

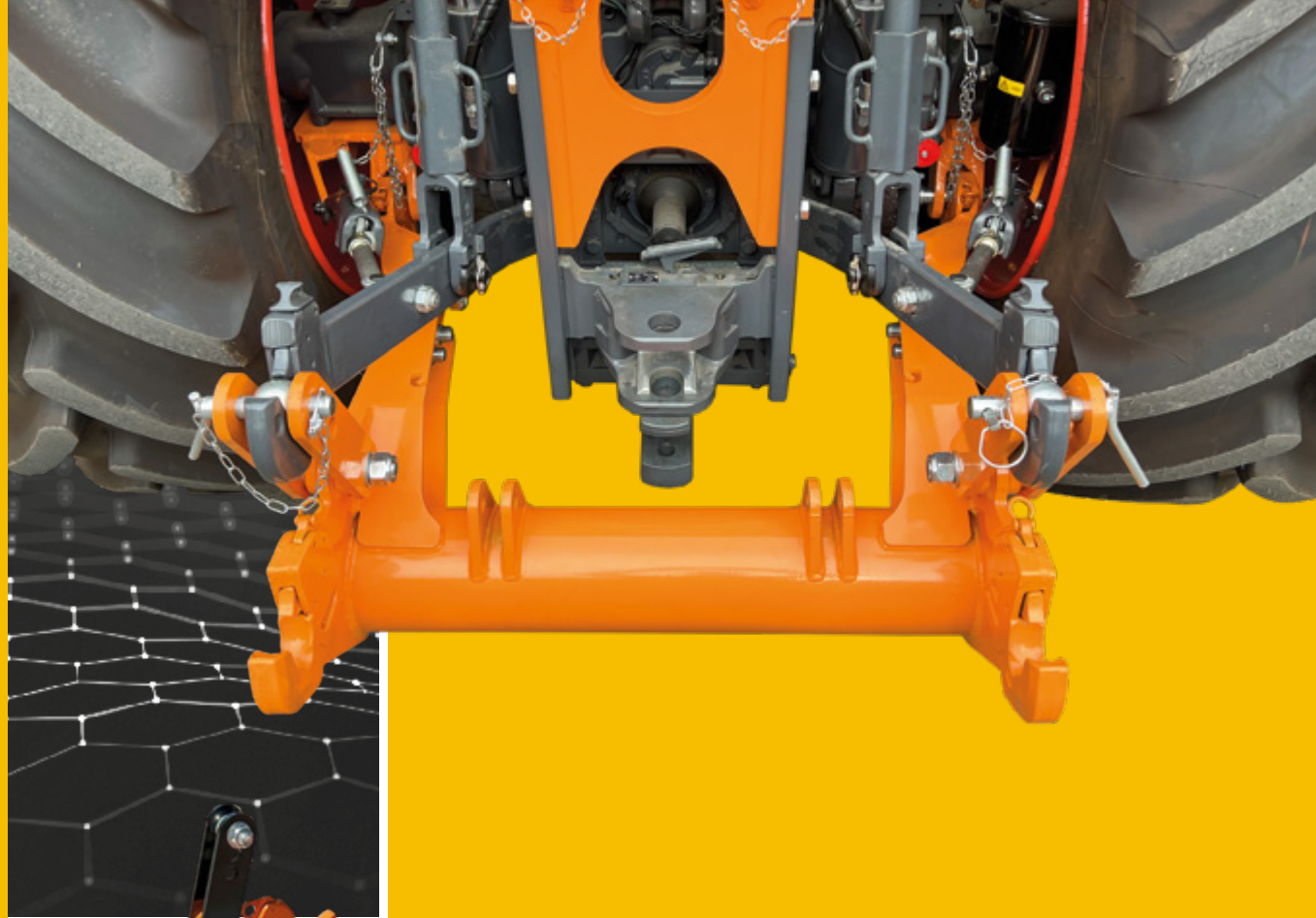


BRACKET *(optional)*

For use in conjunction with stabilizers. If the tractor is not equipped with suitable anchorage points for stabilizers.



RAPID LINK



RAPID LINK
(recommended options)
Much stronger and more stable mounting frame than the tractor linkage. Quick assembly and disassembly.

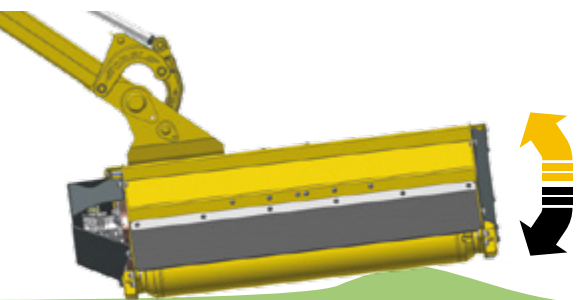


SCAN ME

LEVELING SYSTEMS

***NO FLOATING NO SUSPENSION**

A continuous manual input is required.



CUTTING HEAD WITH FLOATATION SYSTEM

Allows the cutting head to follow automatically the shape of the ground in a vertical plane, reducing the required manual inputs on the joystick from the operator and increasing the comfort.

Available on every Orsi Group Reach Mower.



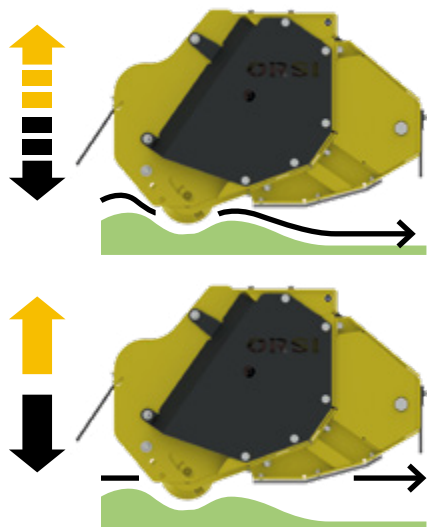


***VERTICAL FLOAT**

Automatic floatation system of the cutting head on the ground, reduces the number of manual inputs and increases the comfort while working.

***ASC - AUTOMATIC LEVELING SYSTEM**

High professional system which minimizes the need of manual inputs from the operator.



VERTICAL FLOAT

A hydropneumatic suspension which allows the cutting to follow the shape of the ground on a vertical plane.

It reduces significantly the need of manual actions to adjust the position.

- Reduction of manual inputs;
- Floatation range up to 35 cm ;
- Pressurized nitrogen accumulator;
- Constant cutting height;
- Reduction of a premature wear on tools and skids.

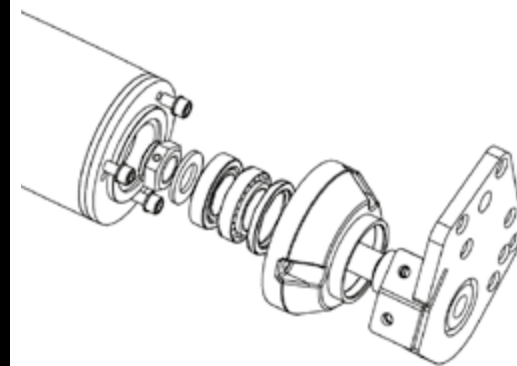
ASC Automatic Leveling System

High professional system which allows to the operator to avoid manual inputs. In this way the operator can focus on conducting the tractor, for a safer and comfortable work.

- Manual inputs minimized;
- Electronic pressure detection system on each movement;
- Unlimited floatation range;
- Constant cutting height;
- Automatic pressure adjustment to the ground, adjustable with a potentiometer;
- Automatic compensation of the arm's reach;
- Reduction of a premature wear on tools and skids;
- Automatic return in the original position, once the obstacle is overcome;
- Floatation on the cutting head with electronic pressure detection system;
- Electronic parallelogram.

* Depending on machine and ground conditions

CUTTING HEADS

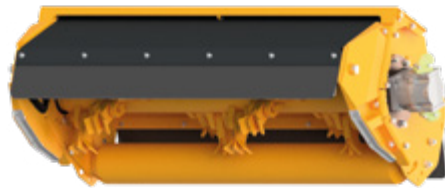


PROFESSIONAL REAR ROLLER Ø 140 mm
with 4 taper roller bearings, mud scraper and interchangeable central body.



CUTTING HEAD PROF	DIRECT TRANSMISSION	BELTS TRANSMISSION	KOMPRESSOR
Double frame	✓	✓	✓
Multi-knife rotor	✓	✓	✓
Oscillating bearings with double rows of balls	✓	✓	✓
Hardox counter knife	✓	✓	✓
Cutting Head with floating and self-leveling system	✓	✓	✓
Head rotation	✓	✓	✓
Double rotation of the rotor	✓	✓	✓
Professional rear roller Ø 140 mm (Ø 5,5") with 4 roller bearings, mud scraper and interchangeable central body	✓	✓	✓
Transmission with toothed pulleys and single belt in Kevlar	•	•	✓
Hydraulically adjustable front hood with quick couplings for tractor	•	•	•
Front protection chains	•	•	•
CUTTING HEAD TP HARDOX	DIRECT TRANSMISSION	BELTS TRANSMISSION	KOMPRESSOR
Hardox mono-coque frame th. 5 mm / 0,19"	✓	✓	✓
Reinforced sides th. 6 mm / 0,23"	✓	✓	✓
Oscillating bearings with double rows of balls	✓	✓	✓
2 Bars of counter-knife	✓	✓	✓
Cutting Head with floating and self-leveling system	✓	✓	✓
Head rotation	✓	✓	✓
Double rotation of the rotor	✓	✓	✓
Professional rear roller Ø 195x10 mm (Ø 7,7" x 0,4") with 4 roller bearings, mud scraper and interchangeable central body, mounted on self-cleaning position	✓	✓	✓
Transmission with toothed pulleys and single belt in Kevlar	✓	✓	✓
Chains plus front protection rubber	✓	✓	✓
Hydraulically adjustable front hood with quick couplings for tractor	•	•	•





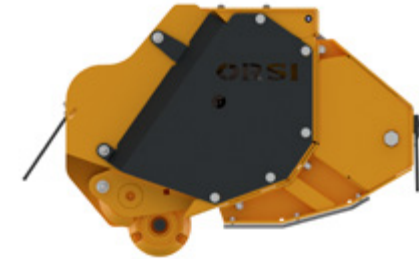
DIRECT TRANSMISSION

The hydraulic motor is installed directly on the side of the cutting head, protected by a robust carter.

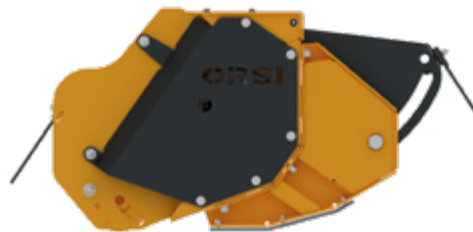


BELTS TRANSMISSION

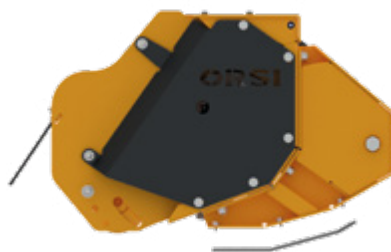
The hydraulic motor is installed internally; the power output is transmitted by belts and pulleys. The size is significantly reduced allowing to work in narrow spaces..



REAR ROLLER ADJUSTABLE IN HEIGHT (standard)



HYDRAULICALLY ADJUSTABLE FRONT HOOD (optional)



SKIDS (standard)

Standard equipment in all PROF cutting heads, substitutable in a few minutes.



FRONT PROTECTION CHAINS (optional)

105 cm (41") / 125 cm (49") /
150 cm (59") /180 cm (71")

CUTTING HEADS

ROTOR / TOOLS

HARDOX[®]
IN MY BODY



PD REAR MOUNTED



PS MOUNTING ON TOP

TOOLS

- | | | |
|--|--|---|
| C GRASS AND WOOD
max Ø 3 cm / 1,2" | M WOOD
max Ø 6 cm / 2,5" | T WOOD
max Ø 3/4 cm - 1,2"/1,6" gear pump
max Ø 8 cm / 3,2" piston pump
SYSTEM KIT KOMPRESSOR |
| B HEDGES
max Ø 4 cm / 1,6" | P GRASS, RUSHES AND WOOD
max Ø 5 cm / 2" | L GRASS, RUSHES AND WOOD
max Ø 6/7 cm - 2,5"/2,7" |
| G GRASS AND WOOD
max Ø 4 cm / 1,6" | Q GRASS, RUSHES AND WOOD
max Ø 5 cm / 2" | |

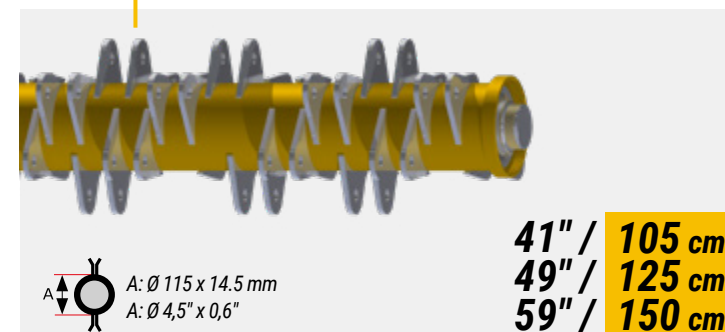
PROF PS

DIRECT TRANSMISSION



MULTI-KNIFE ROTOR

ROTOR



⚠ FOR MULTI-KNIFE ROTOR, SPECIFY THE CHOICE TOOL AT TIME OF ORDER

PROF PS

BELTS TRANSMISSION



P

ROTOR WITH
Y KNIVES

PROF PD

DIRECT TRANSMISSION



Q

ROTOR 3-KNIVES

PROF PD

BELTS TRANSMISSION



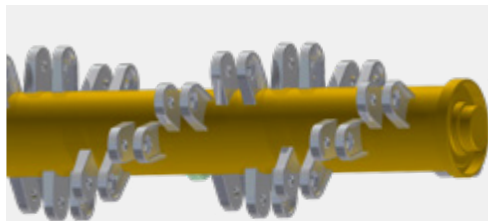
SEMI-FOREST ROTOR WITH
RETRACTABLE HAMMERS


TP HARDOX PS 125 cm

BELTS TRANSMISSION

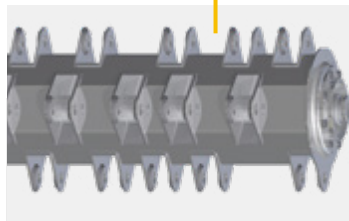



VENTILATOR ROTOR



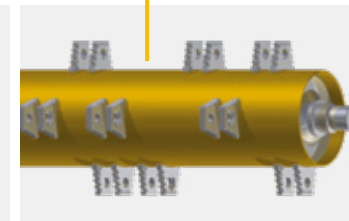
 105 - A: \varnothing 127 x 14.5 mm / 5" x 0,6"
125 - A: \varnothing 146 x 14.2 mm / 5,7" x 0,5"


41" / 105cm
49" / 125cm



 A: \varnothing 235 mm / 9,3"

49" / 125cm
71" / 180cm



 A: \varnothing 194 x 10 mm / 7,7" x 0,4"

49" / 125cm
59" / 150cm



P



Q



T



L

LEADER GP

STRENGTHS POINTS



**BUMPER WITH LIGHTS A LED,
EXTENDABLE FOR TRANSPORT
ROAD**



**ONLY 815T
RAMS POSITIONED ON
1ST AND 2ND ARM**
to facilitate additional reach over
obstacles, road signs.



**HYDRAULIC SHOCK ABSORBER ON THE ROTATION, WITH
AUTOMATIC RETURN TO AN ADVANCED POSITION** which
can be disabled with a mechanical (classic) or electrical valve
(Smart-tronic and Fast-Tronic). *Available starting from the 1/1/2023*

**ELEMENTS AND HINGES IN
PRESSED STEEL ON THE JOINTS**





OIL COOLER

Temperature stability, protection of hydraulic pumps and valves



CAST IRON MAIN FRAME AND COLUMN



FAST-TRONIC
(Optional)



LEADER GP

509 | 659 | 699 | 779T

KOMPRESSOR 509K | 659K | 699K | 779TK

COMPASS



VERSION ONLY
KOMPRESSOR
ENGINE WITH
SAUER DANFOSS
AXIAL PISTON PUMP

MY INNER +
STRENX

★★★★★
3 ANNI DI GARANZIA
SUI PARTICOLARI IN FUSIONE

90 - 200 HP



MODEL		hp/kw				CAT.		optional	rpm / min
509	3000 kg / 6614 lbs	70HP/52 kW	200 cm / 79"	509 cm / 200"	1530 kg / 3373 lbs	II	540	-	3150
659	4000 kg / 8819 lbs	70HP/52 kW	200 cm / 79"	602 cm / 237"	1620 kg / 3571 lbs	II	540	-	3150
699	4500 kg / 9920 lbs	70HP/52 kW	200 cm / 79"	680 cm / 268"	1640 kg / 3615 lbs	II	540	-	3150
779T	5000 kg / 11023 lbs	70HP/52 kW	200 cm / 79"	790 cm / 311"	1730 kg / 3814 lbs	II	540	-	3150
509K	3500 kg / 7716 lbs	70HP/52 kW	220 cm / 87"	509 cm / 200"	1530 kg / 3373 lbs	II	1000	750	3000
659K	4500 kg / 9920 lbs	70HP/52 kW	220 cm / 87"	602 cm / 237"	1620 kg / 3571 lbs	II	1000	750	3000
699K	5000 kg / 11023 lbs	70HP/52 kW	220 cm / 87"	680 cm / 268"	1640 kg / 3615 lbs	II	1000	750	3000
779TK	5500 kg / 12125 lbs	70HP/52 kW	220 cm / 87"	790 cm / 311"	1730 kg / 3814 lbs	II	1000	750	3000

LEADER GP / LEADER GP <i>KOMPRESSOR</i>	509 / 509K	659 / 659K	699 / 699K	779T / 779TK
MACHINE				
Recommended use / till - hours/year	1550	1550	1550	1550
Cast iron main frame and column	✓	✓	✓	✓
2° Arm ending and joint group in cast iron	✓	✓	✓	✓
Elements and hinges in pressed steel on the joints	✓	✓	✓	✓
Telescopic arm with anti-wear pads and tube guide cover	-	-	-	✓
Pipe guide casing	-	-	-	✓
Bumper with lights a led, extendable for transport road	✓	✓	✓	✓
Hydraulic shock absorber on the rotation, with automatic return to an advanced position, which can be disabled with a mechanical (classic) or electrical valve (smart-tronic and fast-tronic) Available starting from the 1/1/2023	✓	✓	✓	✓
Blower	•	•	•	•
Hydraulic hours counter <i>(not with Fast-tronic)</i>	•	•	•	•
ASC Automatic Leveling System <i>(only with Fast-tronic command) SOLO NELLA VERSIONE KOMPRESSOR</i>	•	•	•	•
HYDRAULIC SYSTEM				
Oil tank capacity	190 lt	190 lt	190 lt	190 lt
Arm movements oil flow rate	40 lt/min / 220 bar	40 lt/min / 220 bar	40 lt/min / 220 bar	40 lt/min / 220 bar
Arm movements oil flow rate <i>(only with Fast-tronic command)</i>	60 lt/min / 220 bar	60 lt/min / 220 bar	60 lt/min / 220 bar	60 lt/min / 220 bar
Cutting head oil flow rate	118 lt/min / 220 bar K 115 lt/min / 320 bar	118 lt/min / 220 bar K 115 lt/min / 320 bar	118 lt/min / 220 bar K 115 lt/min / 320 bar	118 lt/min / 220 bar K 115 lt/min / 320 bar
Hp / kW head rotor	65 hp / 48,5 kW K 75 hp / 56 kW	65 hp / 48,5 kW K 75 hp / 56 kW	65 hp / 48,5 kW K 75 hp / 56 kW	65 hp / 48,5 kW K 75 hp / 56 kW
19 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) <i>(only with Smart-tronic and Fast-tronic command)</i>	•	•	•	•
TRANSMISSION				
Hydraulic motor Hydraulic motor <i>(KOMPRESSOR SAUER DANFOSS)</i>	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons
Hydraulic pumps Hydraulic pumps <i>(KOMPRESSOR SAUER DANFOSS)</i>	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons
Multiplier	Cast iron	Cast iron	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓	✓	✓
PTO 750 rpm version <i>only kompressor</i>	•	•	•	•
SAFETY				
105° hydraulic rotation with safety valve	✓	✓	✓	✓
HITCH				
Stabilizers	✓	✓	✓	✓
Bracket (NOT with stabilizers hitch plate)	•	•	-	-
Stabilizers hitch plate	•	•	•	•
Fix mounted frame <i>RAPID LINK</i>	•	•	•	•
CONTROLS				
Classic	✓	✓	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•	•	•
Fast-Tronic	•	•	•	•
Kit 4.0 - Telemetry and remote diagnostics <i>(only with Fast-tronic command)</i>	•	•	•	•

DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
MODELS								
509	•	✓	•	•	•	•	•	•
659	•	✓	•	•	•	•	•	•
699	•	✓	•	•	•	•	•	•
779T	•	✓	•	•	•	•	•	•

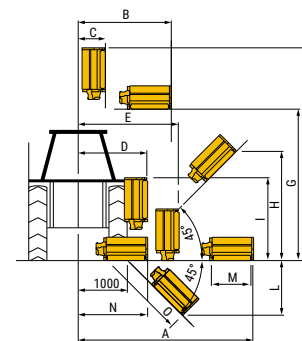
BELTS TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
MODELS								
509 / 509K	•	✓K	•	•	•	•	•	•
659 / 659K	•	✓K	•	•	•	•	•	•
699 / 699K	•	✓K	•	•	•	•	•	•
779T / 779TK	•	✓K	•	•	•	•	•	•

TP HARDOX BELTS TRANSMISSION

CUTTING HEAD	125	125	125	125
MODELS				
509 / 509K	•	•	•	•
659 / 659K	•	•	•	•
699 / 699K	•	•	•	•
779T / 779TK	•	•	•	•

WORKING WIDTH



cm / inch	509 / 509K	659 / 659K	699 / 699K	779T / 779TK
A	509 cm / 200"	602 cm / 237"	680 cm / 268"	790 cm / 311"
B	192 cm / 76"	210 cm / 83"	200 cm / 79"	420 cm / 165"
C	152 cm / 60"	148 cm / 58"	150 cm / 59"	250 cm / 98"
D	140 cm / 55"	144 cm / 57"	150 cm / 59"	140 cm / 55"
E	150 cm / 59"	150 cm / 59"	145 cm / 57"	150 cm / 59"
F	492 cm / 194"	586 cm / 231"	660 cm / 260"	720 cm / 283"
G	376 cm / 148"	454 cm / 179"	470 cm / 185"	495 cm / 195"
H	324 cm / 128"	391 cm / 154"	450 cm / 177"	490 cm / 193"
I	150 cm / 103"	163 cm / 64"	165 cm / 65"	170 cm / 67"
L	262 cm / 55"	275 cm / 108"	340 cm / 134"	400 cm / 157"
M	105 cm / 41"	125 cm / 49"	125 cm / 49"	125 cm / 49"
N	212 cm / 84"	227 cm / 89"	230 cm / 91"	250 cm / 98"
O	370 cm / 146"	390 cm / 154"	460 cm / 181"	580 cm / 228"

LEADER GP 815T

815T **KOMPRESSOR 815TK**

COMPASS









VERSION ONLY
KOMPRESSOR
ENGINE WITH
SAUER DANFOSS
AXIAL PISTON PUMP

MY INNER +
STRENX

3 ANNI DI GARANZIA
SUI PARTICOLARI IN FUSIONE









90 - 200 HP












MODEL	 	 hp/kW	 mm	 mm	 kg/lbs	CAT.		 optional	rpm / min
815T	6000 kg / 13228 lbs	70HP / 52 kW	220 cm / 87"	813 cm / 320"	1900 kg / 4189 lbs	II	540	-	3150
815TK	6000 kg / 13228 lbs	70HP / 52 kW	220 cm / 87"	813 cm / 320"	1900 kg / 4189 lbs	II	1000	750	3000

LEADER GP / LEADER GP KOMPRESSOR		815T / 815TK
MACHINE		
Recommended use / till - hours/year		1550
Cast iron main frame and column		✓
2° Arm ending and joint group in cast iron		✓
Elements and hinges in pressed steel on the joints		✓
Arms in Strenx 700		✓
Telescopic arm with anti-wear pads and tube guide cover		✓
Rams positionated on 1st and 2nd arm to facilitate additional reach over obstacles, road signs		✓
Pipe guide casing		✓
Bumper with lights a led, extendable for transport road		✓
Hydraulic shock absorber on the rotation, with automatic return to an advanced position, which can be disabled with a mechanical (classic) or electrical valve (smart-tronic and fast-tronic) Available starting from the 1/1/2023		✓
Blower		•
Hydraulic hours counter (<i>not with Fast-tronic</i>)		•
ASC Automatic Leveling System (<i>only with Fast-tronic command</i>)		•
HYDRAULIC SYSTEM		
Oil tank capacity		190 lt
Arm movements oil flow rate		40 lt/min / 220 bar
Arm movements oil flow rate (<i>only with Fast-tronic command</i>)		60 lt/min / 220 bar
Cutting head oil flow rate		118 lt/min / 220 bar - K 115 lt/min / 320 bar
Hp / kW head rotor		65 hp / 48,5 kW - K 75 hp / 56 kW
19 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve		✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (<i>only with Smart-tronic and Fast-tronic command</i>)		• NO con A.S.C.
TRANSMISSION		
Hydraulic motor		Cast iron Gr. 3 HT
Hydraulic motor (KOMPRESSOR SAUER DANFOSS)		K Axial pistons
Hydraulic pumps		Cast iron Gr. 3 HT
Hydraulic pumps (KOMPRESSOR SAUER DANFOSS)		K Axial pistons
Multiplier		Cast iron
Cardan shaft 5x700		✓
PTO 750 rpm <i>version only kompressor</i>		•
SAFETY		
105° hydraulic rotation with safety valve		✓
HITCH		
Stabilizers		✓
Bracket (<i>NOT with stabilizers hitch plate</i>)		-
Stabilizers hitch plate		•
Fix mounted frame RAPID LINK		•
CONTROLS		
Classic		✓
Smart-tronic out of production from the 31/12/2022		•
NEW Smart-tronic V2.1 available starting from the 1/1/2023		•
Fast-Tronic		•
Kit 4.0 - Telemetry and remote diagnostics (<i>only with Fast-tronic command</i>)		•

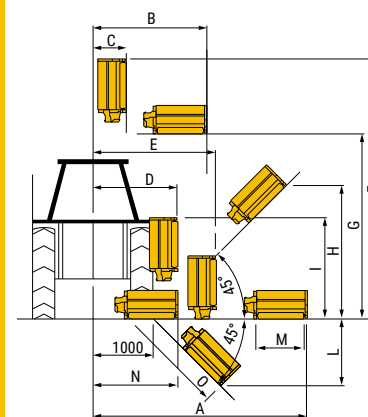
DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
	C	G	B	M	P	Q	L	T
MODELS								
815T	•	✓	-	•	•	-	•	-

BELTS TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
	C	G	B	M	P	Q	L	T
MODELS								
815T / 815TK	•	✓K	-	•	•	-	•	-

WORKING WIDTH



cm / inch	815T / 815TK
A	813 cm / 320"
B	295 cm / 116"
C	117 cm / 46"
D	140 cm / 55"
E	150 cm / 59"
F	835 cm / 329"
G	668 cm / 263"
H	554 cm / 218"
I	195 cm / 77"
L	415 cm / 163"
M	125 cm / 49"
N	195 cm / 77"
O	585 cm / 230"

LEADER GP VISUAL

509 | 659 | **KOMPRESSOR 509 K** | **659 K**

SEMI-ADVANCED



VERSION ONLY
KOMPRESSOR
ENGINE WITH
SAUER DANFOSS
AXIAL PISTON PUMP

MY INNER +
STRENX®

3 ANNI DI GARANZIA
SUI PARTICOLARI IN FUSIONE

90 - 180 HP



MODEL		hp/kW				CAT.		optional	rpm / min
509	3000 kg / 6614 lbs	70HP/52 kW	200 cm / 79"	509 cm / 200"	1550 kg / 3417 lbs	II	540	-	3150
659	4000 kg / 8819 lbs	70HP/52 kW	200 cm / 79"	602 cm / 237"	1685 kg / 3715 lbs	II	540	-	3150
509K	3500 kg / 7716 lbs	70HP/52 kW	210 cm / 83"	509 cm / 200"	1550 kg / 3417 lbs	II	1000	750	3000
659K	4500 kg / 9920 lbs	70HP/52 kW	210 cm / 83"	602 cm / 237"	1685 kg / 3715 lbs	II	1000	750	3000

LEADER GP VISUAL / VISUAL <i>KOMPRESSOR</i>	509 / 509 <i>K</i>	659 / 659 <i>K</i>
MACHINE		
Recommended use / till - hours/year	1550	1550
Cast iron main frame and column	✓	✓
Arm ending and joint group in cast iron	✓	✓
2° Arm ending and joint group in cast iron	✓	✓
Elements and hinges in pressed steel on the joints	✓	✓
Bumper with lights a led	✓	✓
Hydraulic shock absorber on the rotation, with automatic return to an advanced position, which can be disabled with a mechanical (classic) or electrical valve (smart-tronic and fast-tronic) Available starting from the 1/1/2023	✓	✓
Hydraulic hours counter (<i>not with Fast-tronic</i>)	•	•
HYDRAULIC SYSTEM		
Oil tank capacity lt	190 lt	190 lt
Arm movements oil flow rate	40 lt/min / 220 bar	40 lt/min / 220 bar
Arm movements oil flow rate (<i>only with Fast-tronic command</i>)	60 lt/min / 220 bar	60 lt/min / 220 bar
Cutting head oil flow rate	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar
Hp / kW head rotor	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW
19 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (<i>only with Smart-tronic and Fast-tronic command</i>)	•	•
TRANSMISSION		
Hydraulic motor <i>(KOMPRESSOR SAUER DANFOSS)</i>	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons
Hydraulic pumps <i>(KOMPRESSOR SAUER DANFOSS)</i>	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons
Multiplier	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓
PTO 750 rpm <i>version only kompressor</i>	•	•
SAFETY		
105° hydraulic rotation with safety valve	✓	✓
HITCH		
Stabilizers	✓	✓
Bracket (NOT with stabilizers hitch plate)	•	•
Stabilizers hitch plate	•	•
Fix mounted frame <i>RAPID LINK</i>	•	•
CONTROLS		
Classic	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•
Fast-Tronic	•	•
Kit 4.0 - Telemetry and remote diagnostics (<i>only with Fast-tronic command</i>)	•	•

DIRECT TRANSMISSION

BELTS TRASMISSION

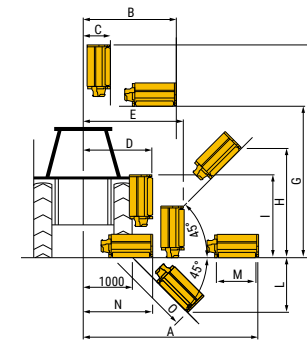
TP HARDOX
BELTS TRASMISSION

WORKING WIDTH

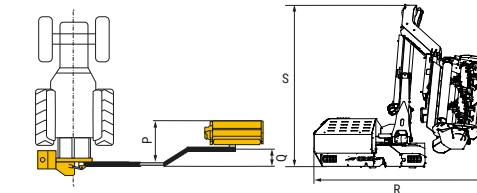
CUTTING HEAD	105	125	150	105	125	150	125	180
MODELS								
509	•	✓	•	•	•	•	•	•
659	•	✓	•	•	•	•	•	•

CUTTING HEAD	105	125	150	105	125	150	125	180
MODELS								
509 / 509 <i>K</i>	•	✓ <i>K</i>	•	•	•	•	•	•
659 / 659 <i>K</i>	•	✓ <i>K</i>	•	•	•	•	•	•

CUTTING HEAD	125	125	125	125				
MODELS								
509 / 509 <i>K</i>	•	•	•	•	•	•	•	•
659 / 659 <i>K</i>	•	•	•	•	•	•	•	•



cm / inch	509 / 509 <i>K</i>	659 / 659 <i>K</i>
A	509 cm / 200"	602 cm / 237"
B	192 cm / 76"	210 cm / 83"
C	152 cm / 60"	148 cm / 58"
D	140 cm / 55"	144 cm / 57"
E	150 cm / 59"	150 cm / 59"
F	492 cm / 194"	586 cm / 231"
G	376 cm / 148"	454 cm / 179"
H	324 cm / 128"	391 cm / 154"
I	150 cm / 103"	163 cm / 64"
L	262 cm / 55"	275 cm / 108"
M	105 cm / 41"	125 cm / 49"
N	212 cm / 84"	227 cm / 89"
O	370 cm / 146"	390 cm / 154"



cm / inch	P (PD)	P (PS)	Q (PD)	R (PD)	R (PS)	S
509	1400 / 551"	800 / 315"	500 / 197"	2540 / 1000"	2035 / 801"	2330 / 878"
659	1400 / 551"	800 / 315"	500 / 197"	2545 / 1002"	2040 / 803"	2550 / 1004"

VERSION ONLY
KOMPRESSOR
ENGINE WITH
SAUER DANFOSS
AXIAL PISTON PUMP

MY INNER +
STRENX

**3 ANNI
DI
GARANZIA**
SUI PARTICOLARI IN FUSIONE

110 - 200 HP
















LEADER GP VENTRAL

589 | 679 | 710 **KOMPRESSOR 589 K | 679 K | 710**










ADVANCED












MODEL	   	hp/kW	 	 		CAT.	 	 	rpm / min
589	4000 kg / 8819 lbs	70HP/52 kW	200 cm / 79"	540 cm / 212"	1515 kg / 3340 lbs	II	540	-	3150
679	5000 kg / 11023 lbs	70HP/52 kW	200 cm / 79"	650 cm / 256"	1690 kg / 3593 lbs	II	540	-	3150
710	5000 kg / 11023 lbs	70HP/52 kW	200 cm / 79"	710 cm / 279"	1750 kg / 3858 lbs	II	540	-	3150
589K	4000 kg / 8819 lbs	70HP/52 kW	210 cm / 83"	540 cm / 212"	1515 kg / 3340 lbs	II	1000	750	3000
679K	5000 kg / 11023 lbs	70HP/52 kW	210 cm / 83"	630 cm / 248"	1690 kg / 3593 lbs	II	1000	750	3000
710K	5000 kg / 11023 lbs	70HP/52 kW	210 cm / 83"	710 cm / 279"	1750 kg / 3858 lbs	II	1000	750	3000

LEADER GP VENTRAL / VENTRAL <i>KOMPRESSOR</i>	589 / 589 <i>K</i>	679 / 679 <i>K</i>	710 / 710 <i>K</i>
MACHINE			
Recommended use / till - hours/year	1550	1550	1550
Cast iron main frame and column	✓	✓	✓
2° Arm ending and joint group in cast iron	✓	✓	✓
Bumper with lights a led	✓	✓	✓
Hydraulic shock absorber on the rotation, with automatic return to an advanced position, which can be disabled with a mechanical (classic) or electrical valve (smart-tronic and fast-tronic) Available starting from the 1/1/2023	✓	✓	✓
Blower	•	•	•
Hydraulic hours counter (<i>not with Fast-tronic</i>)	•	•	•
HYDRAULIC SYSTEM			
Oil tank capacity	190 lt	190 lt	190 lt
Arm movements oil flow rate	40 lt/min / 220 bar	40 lt/min / 220 bar	40 lt/min / 220 bar
Arm movements oil flow rate (<i>only with Fast-tronic command</i>)	60 lt/min / 220 bar	60 lt/min / 220 bar	60 lt/min / 220 bar
Cutting head oil flow rate	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar
Hp / kW head rotor	65 hp / 48,5 kW <i>K</i> 75 hp / 55,2 kW	65 hp / 48,5 kW <i>K</i> 75 hp / 55,2 kW	65 hp / 48,5 kW <i>K</i> 75 hp / 55,2 kW
19 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (<i>only with Smart-tronic and Fast-tronic command</i>)	•	•	•
TRANSMISSION			
Hydraulic motor Hydraulic motor <i>(KOMPRESSOR SAUER DANFOSS)</i>	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons
Hydraulic pumps Hydraulic pumps <i>(KOMPRESSOR SAUER DANFOSS)</i>	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons
Multiplier	Cast iron	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓	✓
PTO 750 rpm <i>version only kompressor</i>	•	•	•
SAFETY			
105° hydraulic rotation with safety valve	✓	✓	✓
HITCH			
Stabilizers	✓	✓	✓
Bracket (NOT with stabilizers hitch plate)	•	-	-
Stabilizers hitch plate	•	•	•
Fix mounted frame <i>RAPID LINK</i>	•	•	•
CONTROLS			
Classic	✓	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•	•
Fast-Tronic	•	•	•
<i>Kit 4.0 - Telemetry and remote diagnostics</i> (<i>only with Fast-tronic command</i>)	•	•	•






DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
MODELS								
589	•	✓	•	•	•	•	•	•
679	•	✓	•	•	•	•	•	•
710	•	✓	•	•	•	•	•	•

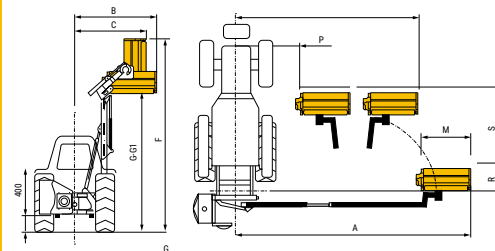
BELTS TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
MODELS								
589 / 589 <i>K</i>	•	✓ <i>K</i>	•	•	•	•	•	•
679 / 679 <i>K</i>	•	✓ <i>K</i>	•	•	•	•	•	•
710 / 710 <i>K</i>	•	✓ <i>K</i>	•	•	•	•	•	•

TP HARDOX BELTS TRANSMISSION

CUTTING HEAD	125	125	125	125
				
MODELS				
589 / 589 <i>K</i>	•	•	•	•
679 / 679 <i>K</i>	•	•	•	•
710 / 710 <i>K</i>	•	•	•	•

WORKING WIDTH



cm / inches	589 / 589 <i>K</i>	679 / 679 <i>K</i>	710 / 710 <i>K</i>
A	540 cm / 212"	650 cm / 256"	710 cm / 279"
B	220 cm / 87"	240 cm / 94"	255 cm / 100"
C	105 cm / 41"	110 cm / 43"	115 cm / 45"
F	557 cm / 219"	640 cm / 252"	730 cm / 287"
G	430 cm / 169"	535 cm / 211"	581 cm / 229"
G1	290 cm / 114"	395 cm / 156"	414 cm / 163"
M	125 cm / 49"	125 cm / 49"	125 cm / 49"
P	195 cm / 78"	210 cm / 83"	207 cm / 81"
Q	460 cm / 181"	515 cm / 203"	534 cm / 210"
R	106 cm / 42"	106 cm / 42"	106 cm / 42"
S	190 cm / 75"	205 cm / 81"	240 cm / 94"
T	296 cm / 116"	311 cm / 122"	346 cm / 136"

LEADER PLUS

505+ | 655+ | 705-T+

COMPASS









85 - 125 HP











MODEL	min	hp/kW	min	min	kg	CAT.	rpm / min	rpm / min
505+	2750 kg / 6063 lbs	65HP/48 kW	200 cm / 79"	508 cm / 200"	1210 kg / 2268 lbs	II	540	3110
655+	3750 kg / 8267 lbs	65HP/48 kW	200 cm / 79"	602 cm / 237"	1280 kg / 2822 lbs	II	540	3110
705-T+	4000 kg / 8819 lbs	65HP/48 kW	200 cm / 79"	690 cm / 272"	1380 kg / 3042 lbs	II	540	3110

LEADER <i>PLUS</i>	505 ⁺	655 ⁺	705-T ⁺
MACHINE			
Recommended use / till - hours/year	700	700	700
Cast iron main frame and column	✓	✓	✓
Arms in Strenx 700	-	-	✓
Second arm terminal in cast iron	✓	✓	✓
Main joint in cast iron	✓	✓	✓
Bumper with lights a led	✓	✓	✓
Hydraulic shock absorber on the rotation, with automatic return to an advanced position, which can be disabled with a mechanical (classic) or electrical valve (smart-tronic and fast-tronic) Available starting from the 1/1/2023	✓	✓	✓
HYDRAULIC SYSTEM			
Oil tank capacity	170 lt	170 lt	170 lt
Arm movements oil flow rate	30 lt/min a 180 bar	30 lt/min a 180 bar	30 lt/min a 180 bar
Cutting head oil flow rate	100 lt/min a 180 bar	100 lt/min a 180 bar	100 lt/min a 180 bar
Hp / kW head rotor	65 hp / 48,5 kW	65 hp / 48,5 kW	65 hp / 48,5 kW
10 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (only with Smart-tronic and Fast-tronic command)	•	•	•
TRANSMISSION			
Hydraulic motor	Cast iron Gr. 3	Cast iron Gr. 3	Cast iron Gr. 3
Hydraulic pumps	Cast iron Gr. 3	Cast iron Gr. 3	Cast iron Gr. 3
Multiplier	Cast iron	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓	✓
SAFETY			
105° hydraulic rotation with safety valve	✓	✓	✓
HITCH			
Stabilizers	✓	✓	✓
Bracket (NOT with stabilizers hitch plate)	•	•	-
Stabilizers hitch plate	•	•	•
Fix mounted frame RAPID LINK	•	•	•
CONTROLS			
Classic	✓	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•	•
Fast-Tronic	•	•	•
Kit 4.0 - Telemetry and remote diagnostics (only with Fast-tronic command)	•	•	•

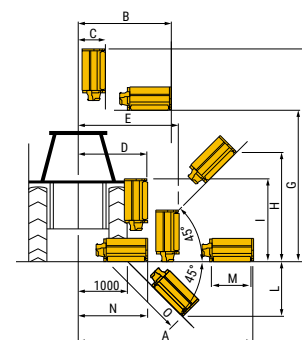
DIRECT TRANSMISSION

CUTTING HEAD	105	125	105	125	150		
	 C	 G	 B	 M	 P	 Q	 L
MODELS							
505 ⁺	•	✓	•	•	•		
655 ⁺	•	✓	•	•	•		
705-T ⁺	•	✓	•	•	•		

BELTS TRANSMISSION

CUTTING HEAD	105	125	105	125	150		
	 C	 G	 B	 M	 P	 Q	 L
MODELS							
505 ⁺	•	•	•	•	•		
655 ⁺	•	•	•	•	•		
705-T ⁺	•	•	•	•	•		

WORKING WIDTH



cm / inch	505 ⁺	505 ⁺	705-T ⁺
A	508 cm / 200"	602 cm / 237"	682 cm / 268"
B	192 cm / 76"	210 cm / 83"	251 cm / 99"
C	152 cm / 60"	148 cm / 58"	117 cm / 46"
D	140 cm / 55"	144 cm / 57"	163 cm / 64"
E	150 cm / 59"	150 cm / 59"	168 cm / 66"
F	492 cm / 194"	586 cm / 231"	704 cm / 277"
G	376 cm / 148"	454 cm / 179"	384 cm / 151"
H	324 cm / 128"	391 cm / 154"	460 cm / 181"
I	150 cm / 103"	163 cm / 64"	206 cm / 81"
L	262 cm / 55"	275 cm / 108"	373 cm / 146"
M	105 cm / 41"	105 cm / 41"	105 cm / 41"
N	212 cm / 84"	227 cm / 89"	224 cm / 88"
O	370 cm / 146"	390 cm / 154"	531 cm / 209"

ACROBAT 4.4

4.4

PARALLELOGRAM



85 - 150 HP



LEFT VERSION













FRONT RIGHT | FRONT LEFT



VERSION AVAILABLE TO BE MOUNTED:
 REAR RIGHT | REAR LEFT
 FRONT RIGHT | FRONT LEFT
 REVERSE DRIVE RIGHT | REVERSE DRIVE LEFT



MODEL	  	 hp/kw	 	 		CAT.		rpm / min
4.4	3000 kg / 6614 lbs	70HP/52 kW	200 cm / 79"	435 cm / 171"	1290 kg / 2844 lbs	II	540	3150
4.4 SX	3000 kg / 6614 lbs	70HP/52 kW	200 cm / 79"	435 cm / 171"	1290 kg / 2844 lbs	II	540	3150
4.4 Frontal	3000 kg / 6614 lbs	70HP/52 kW	200 cm / 79"	435 cm / 171"	1290 kg / 2844 lbs	II	1000 *	3150




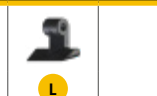


* with frontal hitch

ACROBAT	4.4	4.4 SX	4.4 FRONTAL
MACHINE			
Recommended use / till - hours/year	1550	1550	1550
Group in cast iron	✓	✓	✓
Blower	•	•	•
Hydraulic hours counter (NOT with Fast-tronic)	•	•	•
Bumper with lights a led	•	•	•
HYDRAULIC SYSTEM			
Oil tank capacity	210 lt	210 lt	210 lt
Arm movements oil flow rate	31 lt/min / 240 bar	31 lt/min / 240 bar	31 lt/min / 240 bar
Arm movements oil flow rate (only with Fast-tronic command)	60 lt/min / 240 bar	60 lt/min / 240 bar	60 lt/min / 240 bar
Cutting head oil flow rate	120 lt/min / 180 bar	120 lt/min / 180 bar	120 lt/min / 180 bar
Hp / kW head rotor	65 hp / 48 kW	65 hp / 48 kW	65 hp / 48 kW
10 kW oil-cooler with thermostat	•	•	•
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (only with Smart-tronic and Fast-tronic command)	•	•	•
TRANSMISSION			
Hydraulic motor	Cast iron Gr. 3	Cast iron Gr. 3	Cast iron Gr. 3
Hydraulic pumps	Cast iron Gr. 3	Cast iron Gr. 3	Cast iron Gr. 3
Multiplier	Alluminio	Alluminio	Alluminio
Cardan shaft 5x1000	✓	✓	✓
SAFETY			
Hydraulic safety device on the 2nd arm	✓	✓	✓
HITCH			
Stabilizers	✓	✓	✓
Frontal mounted supplement price	-	-	•
Bracket (NOT with stabilizers hitch plate)	•	•	•
Stabilizers hitch plate	•	•	•
Fix mounted frame RAPID LINK	•	•	•
CONTROLS			
Classic	✓	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•	•
Fast-Tronic	•	•	•
Kit 4.0 - Telemetry and remote diagnostics (only with Fast-tronic command)	•	•	•




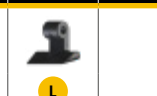




✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE




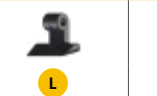

DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
	C G B M			P Q		L		T
MODELS								
4.4	•	✓	•	•	•	•	•	•
4.4 SX	•	✓	•	•	•	•	•	•
4.4 FRONTAL	•	✓	•	•	•	•	•	•

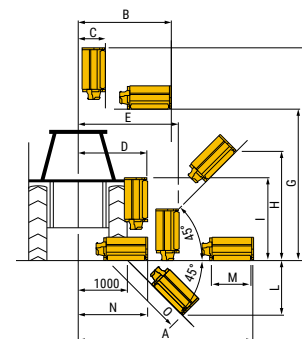
BELTS TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
	C G B M			P Q		L		T
MODELS								
4.4	•	•	•	•	•	•	•	•
4.4 SX	•	•	•	•	•	•	•	•
4.4 FRONTAL	•	•	•	•	•	•	•	•

TP HARDOX BELTS TRANSMISSION

CUTTING HEAD	125	125	125	125
				
	C G B M		P Q	L T
MODELS				
4.4	•	•	•	•
4.4 SX	•	•	•	•
4.4 FRONTAL	•	•	•	•

WORKING WIDTH



cm / inch	4.4	4.4 SX	4.4 FRONTAL
A	435 cm / 171"	435 cm / 171"	435 cm / 171"
B	240 cm / 94"	240 cm / 94"	240 cm / 94"
C	190 cm / 75"	190 cm / 75"	190 cm / 75"
D	110 cm / 43"	110 cm / 43"	110 cm / 43"
E	140 cm / 55"	140 cm / 55"	140 cm / 55"
F	525 cm / 207"	525 cm / 207"	525 cm / 207"
G	396 cm / 156"	396 cm / 156"	396 cm / 156"
H	300 cm / 118"	300 cm / 118"	300 cm / 118"
I	195 cm / 77"	195 cm / 77"	195 cm / 77"
L	200 cm / 79"	200 cm / 79"	200 cm / 79"
M	125 cm / 49"	125 cm / 49"	125 cm / 49"
N	121 cm / 48"	121 cm / 48"	121 cm / 48"
O	282 cm / 111"	282 cm / 111"	282 cm / 111"

ACROBAT

509 | 609 | **KOMPRESSOR 509K | 609K**

PARALLELOGRAM

VERSION ONLY
KOMPRESSOR
ENGINE WITH
SAUER DANFOSS
AXIAL PISTON PUMP

80 - 160 HP



MY INNER +
STRENX®



MODEL						CAT.			rpm / min
509 / 509 SX	3500 kg / 7716 lbs	70HP/52 kW	200 cm / 79"	510 cm / 201"	1410 kg / 3108 lbs	II	540	-	3150
609 / 609 SX	4000 kg / 8819 lbs	80HP/59 kW	200 cm / 79"	585 cm / 230"	1510 kg / 3329 lbs	II	540	-	3150
509K / 509K SX	3500 kg / 7716 lbs	70HP/52 kW	200 cm / 79"	510 cm / 201"	1410 kg / 3108 lbs	II	1000	750	3000
609K / 609K SX	4000 kg / 8819 lbs	80HP/59 kW	200 cm / 79"	585 cm / 230"	1510 kg / 3329 lbs	II	1000	750	3000

ACROBAT / ACROBAT <i>KOMPRESSOR</i>	509 / 509 <i>K</i>	509 SX / 509 <i>K</i> SX	609 / 609 <i>K</i>	609 SX / 609 <i>K</i> SX
MACHINE				
Recommended use / till - hours/year	1550	1550	1550	1550
Cast iron main frame	✓	-	✓	-
2nd arm terminal and joint assembly in cast iron	✓	✓	✓	✓
Bumper with lights a led	✓	✓	✓	✓
Hydraulic shock absorber on the rotation, with automatic return to an advanced position, which can be disabled with a mechanical (classic) or electrical valve (Smart-tronic and Fast-tronic). Available starting from the 1/1/2023	✓	✓	✓	✓
Blower	•	•	•	•
Hydraulic hours counter (<i>NOT with Fast-tronic</i>)	•	•	•	•
HYDRAULIC SYSTEM				
Oil tank capacity	190 lt	190 lt	190 lt	190 lt
Arm movements oil flow rate	40 lt/min / 240 bar <i>K</i> 40 lt/min / 220 bar	40 lt/min / 240 bar <i>K</i> 40 lt/min / 220 bar	40 lt/min / 240 bar <i>K</i> 40 lt/min / 220 bar	40 lt/min / 240 bar <i>K</i> 40 lt/min / 220 bar
Arm movements oil flow rate (<i>only with Fast-tronic command</i>)	60 lt/min / 240 bar <i>K</i> 40 lt/min / 220 bar	60 lt/min / 240 bar <i>K</i> 40 lt/min / 220 bar	60 lt/min / 240 bar <i>K</i> 40 lt/min / 220 bar	60 lt/min / 240 bar <i>K</i> 40 lt/min / 220 bar
Cutting head oil flow rate	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar
Hp / kW head rotor	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW
19 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (<i>only with Smart-tronic and Fast-tronic command</i>)	•	•	•	•
TRANSMISSION				
Hydraulic motor Hydraulic motor (<i>KOMPRESSOR SAUER DANFOSS</i>)	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons
Hydraulic pumps Hydraulic pumps (<i>KOMPRESSOR SAUER DANFOSS</i>)	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons
Multiplier	Cast iron	Cast iron	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓	✓	✓
PTO 750 rpm <i>version only kompressor</i>	•	•	•	•
SAFETY				
105° hydraulic rotation with safety valve	✓	✓	✓	✓
HITCH				
Stabilizers	✓	✓	✓	✓
Bracket (NOT with stabilizers hitch plate)	•	•	•	•
Stabilizers hitch plate	•	•	•	•
Fix mounted frame <i>RAPID LINK</i>	•	•	•	•
CONTROLS				
Classic	✓	✓	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•	•	•
Fast-Tronic	•	•	•	•
<i>Kit 4.0 - Telemetry and remote diagnostics (only with Fast-tronic command)</i>	•	•	•	•

DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
	 C	 G	 B	 M	 P	 Q	 L	 T
MODELS								
509 / 509 SX	•	✓	•	•	•	•	•	•
609 / 609 SX	•	✓	•	•	•	•	•	•

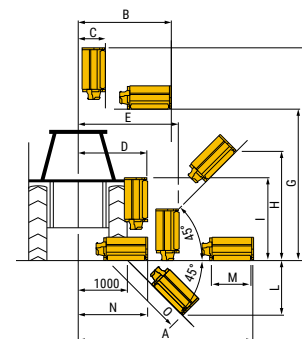
BELTS TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
	 C	 G	 B	 M	 P	 Q	 L	 T
MODELS								
509 / 509 SX 509 <i>K</i> / 509 <i>K</i> SX	•	✓ <i>K</i>	•	•	•	•	•	•
609 / 609 SX 609 <i>K</i> / 609 <i>K</i> SX	•	✓ <i>K</i>	•	•	•	•	•	•

TP HARDOX
BELTS TRANSMISSION

CUTTING HEAD	125	125	125	125
	 C	 G	 B	 M
	 P	 Q	 L	 T
MODELS				
509 / 509 SX 509 <i>K</i> / 509 <i>K</i> SX	•	•	•	•
609 / 609 SX 609 <i>K</i> / 609 <i>K</i> SX	•	•	•	•

WORKING WIDTH



cm / inch	509 / 509 <i>K</i>	609 / 609 <i>K</i>
A	510 cm / 201"	585 cm / 230"
B	247 cm / 97"	260 cm / 102"
C	220 cm / 87"	230 cm / 90"
D	154 cm / 61"	160 cm / 63"
E	137 cm / 54"	140 cm / 55"
F	570 cm / 224"	650 cm / 256"
G	430 cm / 169"	510 cm / 201"
H	360 cm / 142"	430 cm / 169"
I	215 cm / 85"	230 cm / 90"
L	250 cm / 98"	325 cm / 128"
M	125 cm / 49"	125 cm / 49"
N	210 cm / 83"	210 cm / 83"
O	355 cm / 140"	435 cm / 171"

ACROBAT VISUAL

509 | 609

KOMPRESSOR 509K | 609K

**PARALLELOGRAM
SEMI-ADVANCED**

VERSION ONLY
KOMPRESSOR

ENGINE WITH

**SAUER
DANFOSS**
AXIAL PISTON PUMP

80 - 180 HP



MY INNER +
STRENX®












MODEL		hp/kW			kg lbs	CAT.		optional	rpm / min
509	3500 kg / 7716 lbs	70HP/52 kW	200 cm / 79"	510 cm / 201"	1435 kg / 3164 lbs	II	540	-	3150
609	4000 kg / 8819 lbs	80HP/59 kW	200 cm / 79"	585 cm / 230"	1740 kg / 3836 lbs	II	540	-	3150
509K	3500 kg / 7716 lbs	70HP/52 kW	200 cm / 79"	510 cm / 201"	1435 kg / 3164 lbs	II	1000	750	3000
609K	4000 kg / 8819 lbs	80HP/59 kW	200 cm / 79"	585 cm / 230"	1740 kg / 3836 lbs	II	1000	750	3000










ACROBAT VISUAL / VISUAL <i>KOMPRESSOR</i>	509 / 509 <i>K</i>	609 / 609 <i>K</i>
MACHINE		
Recommended use / till - hours/year	1550	1550
Cast iron main frame	✓	✓
2° Arm terminal and joint assembly in cast iron	✓	✓
Bumper with lights a led	✓	✓
Hydraulic shock absorber on the rotation, with automatic return to an advanced position, which can be disabled with a mechanical (classic) or electrical valve (Smart-tronic and Fast-tronic). Available starting from the 1/1/2023	✓	✓
Blower	•	•
Hydraulic hours counter (<i>NOT with Fast-tronic</i>)	•	•
HYDRAULIC SYSTEM		
Oil tank capacity lt	190 lt	190 lt
Arm movements oil flow rate	40 lt/min / 240 bar	40 lt/min / 240 bar
Arm movements oil flow rate (<i>only with Fast-tronic command</i>)	60 lt/min / 240 bar	60 lt/min / 240 bar
Cutting head oil flow rate	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar
Hp / kW head rotor	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW
19 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (<i>only with Smart-tronic and Fast-tronic command</i>)	•	•
TRANSMISSION		
Hydraulic motor	Cast iron Gr. 3 HT	Cast iron Gr. 3 HT
Hydraulic motor <i>(KOMPRESSOR SAUER DANFOSS)</i>	<i>K</i> Axial pistons	<i>K</i> Axial pistons
Hydraulic pumps	Cast iron Gr. 3 HT	Cast iron Gr. 3 HT
Hydraulic pumps <i>(KOMPRESSOR SAUER DANFOSS)</i>	<i>K</i> Axial pistons	<i>K</i> Axial pistons
Multiplier	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓
PTO 750 rpm <i>version only kompressor</i>	•	•
SAFETY		
105° hydraulic rotation with safety valve	✓	✓
HITCH		
Stabilizers	✓	✓
Bracket (NOT with stabilizers hitch plate)	•	•
Stabilizers hitch plate	•	•
Fix mounted frame <i>RAPID LINK</i>	•	•
CONTROLS		
Classic	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•
Fast-Tronic	•	•
Kit 4.0 - Telemetry and remote diagnostics (<i>only with Fast-tronic command</i>)	•	•

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE






DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
MODELS								
509	•	✓	•	•	•	•	•	•
609	•	✓	•	•	•	•	•	•

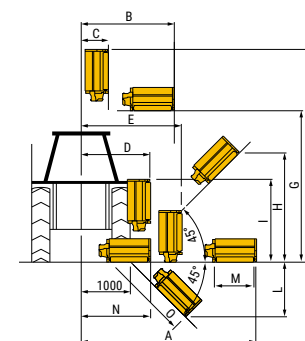
BELTS TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
MODELS								
509 / 509 <i>K</i>	•	✓ <i>K</i>	•	•	•	•	•	•
609 / 609 <i>K</i>	•	✓ <i>K</i>	•	•	•	•	•	•

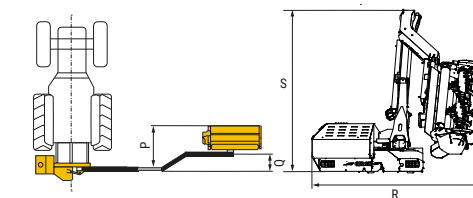
TP HARDOX BELTS TRANSMISSION

CUTTING HEAD	125	125	125	125
				
MODELS				
509 / 509 <i>K</i>	•	•	•	•
659 / 659 <i>K</i>	•	•	•	•

WORKING WIDTH



cm / inch	509 / 509 <i>K</i>	609 / 609 <i>K</i>
A	510 cm / 201"	585 cm / 230"
B	247 cm / 97"	260 cm / 102"
C	220 cm / 87"	230 cm / 90"
D	154 cm / 61"	160 cm / 63"
E	137 cm / 54"	140 cm / 55"
F	570 cm / 224"	650 cm / 256"
G	430 cm / 169"	510 cm / 201"
H	360 cm / 142"	430 cm / 169"
I	215 cm / 85"	230 cm / 90"
L	250 cm / 98"	325 cm / 128"
M	125 cm / 49"	125 cm / 49"
N	210 cm / 83"	210 cm / 83"
O	355 cm / 140"	435 cm / 171"



cm / inch	P (PD)	P (PS)	Q (PD)	R (PD)	R (PS)	S
509	1300 / 511"	780 / 307"	400 / 157"	2425 / 954"	1895 / 746"	3055 / 1203"
609	1450 / 570"	930 / 366"	550 / 216"	2250 / 885"	2025 / 797"	3375 / 1329"

WWW.ORSIGROUP.IT

ACROBAT VENTRAL

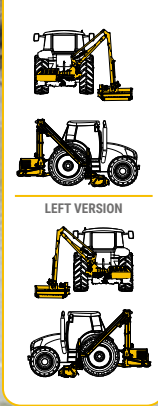
555 **KOMPRESSOR 555 K**

PARALLELOGRAM ADVANCED

VERSION ONLY
KOMPRESSOR
ENGINE WITH
SAUER DANFOSS
AXIAL PISTON PUMP

90 - 160 HP










MY INNER +
STRENX












MODEL	hp/kW	mm	mm	mm	kg/lbs	CAT.	optional	rpm / min
555	5000kg / 11023 lbs	70HP/52 kW	210 cm / 83"	560 cm / 220"	1830 / 4034 lbs	II	540	3150
555 SX	5000kg / 11023 lbs	70HP/52 kW	210 cm / 83"	560 cm / 220"	1830 / 4034 lbs	II	540	3150
555 K	5000kg / 11023 lbs	70HP/52 kW	210 cm / 83"	560 cm / 220"	1830 / 4034 lbs	II	1000	3000
555 K SX	5000kg / 11023 lbs	70HP/52 kW	210 cm / 83"	560 cm / 220"	1830 / 4034 lbs	II	1000	3000

ACROBAT VENTRAL / VENTRAL <i>KOMPRESSOR</i>	555 / 555 <i>K</i>	555 SX / 555 <i>K</i> SX
MACHINE		
Recommended use / till - hours/year	1550	1550
2nd arm terminal and joint assembly in cast iron	✓	✓
Bumper with lights a led	✓	✓
Blower	•	•
Hydraulic hours counter (<i>NOT with Fast-tronic</i>)	•	•
HYDRAULIC SYSTEM		
Oil tank capacity	230 lt <i>K</i> 105 lt	230 lt <i>K</i> 105 lt
Arm movements oil flow rate	40 lt/min / 230 bar <i>K</i> 40 lt/min / 220 bar	40 lt/min / 230 bar <i>K</i> 40 lt/min / 220 bar
Arm movements oil flow rate (<i>only with Fast-tronic command</i>)	60 lt/min / 230 bar <i>K</i> 60 lt/min / 220 bar	60 lt/min / 230 bar <i>K</i> 60 lt/min / 220 bar
Cutting head oil flow rate	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar	118 lt/min / 220 bar <i>K</i> 115 lt/min / 320 bar
Hp / kW head rotor	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW	65 hp / 48,5 kW <i>K</i> 75 hp / 56 kW
19 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (<i>only with Smart-tronic and Fast-tronic command</i>)	•	•
TRANSMISSION		
Hydraulic motor Hydraulic motor <i>(KOMPRESSOR SAUER DANFOSS)</i>	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons
Hydraulic pumps Hydraulic pumps <i>(KOMPRESSOR SAUER DANFOSS)</i>	Cast iron Gr. 3 HT <i>K</i> Axial pistons	Cast iron Gr. 3 HT <i>K</i> Axial pistons
Multiplier	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓
PTO 750 rpm <i>version only kompressor</i>	•	•
SAFETY		
90° Hydraulic rotation with safety valve	✓	✓
HITCH		
Stabilizers	✓	✓
Stabilizers hitch plate	•	•
Fix mounted frame <i>RAPID LINK</i>	•	•
CONTROLS		
Classic	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•
Fast-Tronic	•	•
<i>Kit 4.0 - Telemetry and remote diagnostics</i> (<i>only with Fast-tronic command</i>)	•	•






DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
MODELS								
555 / 555 <i>K</i>	•	✓	•	•	•	•	•	•
555 SX / 555 <i>K</i> SX	•	✓	•	•	•	•	•	•

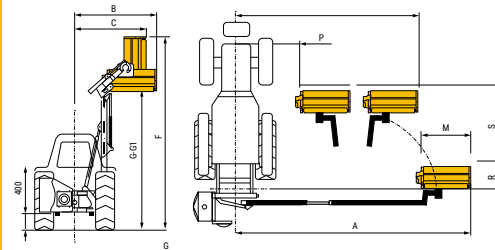
BELTS TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
								
MODELS								
555 / 555 <i>K</i>	•	✓ <i>K</i>	•	•	•	•	•	•
555 SX / 555 <i>K</i> SX	•	✓ <i>K</i>	•	•	•	•	•	•

TP HARDOX BELTS TRANSMISSION

CUTTING HEAD	125	125	125	125
				
MODELS				
555 / 555 <i>K</i>	•	•	•	•
555 SX / 555 <i>K</i> SX	•	•	•	•

WORKING WIDTH



cm / inch	555 / 555 <i>K</i>	555 SX / 555 <i>K</i> SX
A	560 cm / 220"	560 cm / 220"
B	250 cm / 98"	250 cm / 98"
C	230 cm / 90"	230 cm / 90"
F	510 cm / 201"	510 cm / 201"
G	490 cm / 193"	490 cm / 193"
G1	400 cm / 157"	400 cm / 157"
M	125 cm / 49"	125 cm / 49"
P	150 cm / 59"	150 cm / 59"
Q	400 cm / 157"	400 cm / 157"
R	80 cm / 31"	80 cm / 31"
S	135 cm / 53"	135 cm / 53"
T	210 cm / 83"	210 cm / 83"

ACROBAT

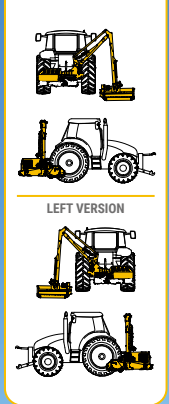
5.5 | 6.6 | 6.5T | 7.6T

KOMPRESSOR 5.5K | 6.6 K | 6.5T K | 7.6T K

PARALLELOGRAM




VERSION ONLY
KOMPRESSOR
ENGINE WITH
SAUER DANFOSS
AXIAL PISTON PUMP

90 - 180 HP



MY INNER +
STRENX



MODEL	 	 hp/kw	 mm	 mm	 mm	 kg lbs	CAT.	 optional	rpm / min
5.5 / 5.5 SX	4500 kg / 9920 lbs	70HP/52 kW	210 cm / 83"	560 cm / 220"	1550 / 3417 lbs	II	540	-	3150
6.6 / 6.6 SX	5500 kg / 12125 lbs	70HP/52 kW	210 cm / 83"	655 cm / 258"	1650 / 3638 lbs	II	540	-	3150
6.5T / 6.5T SX	5500 kg / 12125 lbs	70HP/52 kW	210 cm / 83"	651 cm / 256"	1650 / 3638 lbs	II	540	-	3150
7.6T / 7.6T SX	6000 kg / 13228 lbs	70HP/52 kW	210 cm / 83"	750 cm / 295"	1750 / 3858 lbs	II	540	-	3150
5.5 K / 5.5 K SX	4500 kg / 9920 lbs	70HP/52 kW	210 cm / 83"	560 cm / 220"	1550 / 3417 lbs	II	1000	750	3150
6.6 K / 6.6 K SX	5500 kg / 12125 lbs	70HP/52 kW	210 cm / 83"	655 cm / 258"	1650 / 3638 lbs	II	1000	750	3150
6.5T K / 6.5T K SX	5500 kg / 12125 lbs	70HP/52 kW	210 cm / 83"	651 cm / 256"	1650 / 3638 lbs	II	1000	750	3150
7.6T K / 7.6T K SX	6000 kg / 13228 lbs	70HP/52 kW	210 cm / 83"	750 cm / 295"	1750 / 3858 lbs	II	1000	750	3150

ACROBAT / ACROBAT <i>KOMPRESSOR</i>	5.5 / 5.5K 5.5 SX / 5.5K SX	6.6 / 6.6K 6.6 SX / 6.6K SX	6.5T / 6.5TK 6.5T SX / 6.5TK SX	7.6T / 7.6TK 7.6T SX / 7.6TK SX
MACHINE				
Recommended use / till - hours/year	1550	1550	1550	1550
2nd arm terminal and joint assembly in cast iron	✓	✓	✓	✓
Bumper with lights a led	✓	✓	✓	✓
Blower	✓	✓	✓	✓
Hydraulic hours counter (<i>NOT with Fast-tronic</i>)	•	•	•	•
HYDRAULIC SYSTEM				
Oil tank capacity	230 lt	230 lt	230 lt	230 lt
Arm movements oil flow rate	40 lt/min / 220 bar	40 lt/min / 220 bar	40 lt/min / 220 bar	40 lt/min / 220 bar
Arm movements oil flow rate (<i>only with Fast-tronic command</i>)	60 lt/min / 220 bar	60 lt/min / 220 bar	60 lt/min / 220 bar	60 lt/min / 220 bar
Cutting head oil flow rate	118 lt/min / 220 bar K 115 lt/min / 320 bar	118 lt/min / 220 bar K 115 lt/min / 320 bar	118 lt/min / 220 bar K 115 lt/min / 320 bar	118 lt/min / 220 bar K 115 lt/min / 320 bar
Hp / kW head rotor	65 hp / 48,5 kW K 75 hp / 56 kW	65 hp / 48,5 kW K 75 hp / 56 kW	65 hp / 48,5 kW K 75 hp / 56 kW	65 hp / 48,5 kW K 75 hp / 56 kW
12 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (<i>only with Smart-tronic and Fast-tronic command</i>)	•	•	•	•
TRANSMISSION				
Hydraulic motor Hydraulic motor (<i>KOMPRESSOR SAUER DANFOSS</i>)	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons
Hydraulic pumps Hydraulic pumps (<i>KOMPRESSOR SAUER DANFOSS</i>)	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons
Multiplier	Cast iron	Cast iron	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓	✓	✓
PTO 750 rpm <i>version only kompressor</i>	•	•	•	•
SAFETY				
90° Hydraulic rotation with safety valve	✓	✓	✓	✓
HITCH				
Stabilizers	✓	✓	✓	-
3 point hitch with "quick release"	✓	✓	✓	✓
Bracket (NOT with stabilizers hitch plate)	•	-	-	-
Stabilizers hitch plate	•	•	•	-
Fix mounted frame <i>RAPID LINK</i>	•	•	•	•
CONTROLS				
Classic	✓	✓	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•	•	•
Fast-Tronic	•	•	•	•
Kit 4.0 - Telemetry and remote diagnostics (<i>only with Fast-tronic command</i>)	•	•	•	•

DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
MODELS								
5.5T / 5.5TK / 5.5T SX / 6.5K SX	•	✓	•	•	•	•	•	•
6.6T / 6.6TK / 6.6T SX / 6.6K SX	•	✓	•	•	•	•	•	•
6.5T / 6.5TK / 6.5T SX / 6.5K SX	•	✓	•	•	•	•	•	•
7.6T / 7.6TK / 7.6T SX / 7.6K SX	•	✓	•	•	•	•	•	•

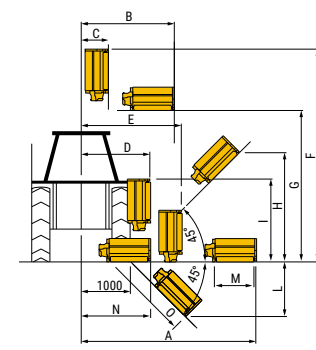
BELTS TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180
MODELS								
5.5T / 5.5TK / 5.5T SX / 6.5K SX	•	✓K	•	•	•	•	•	•
6.6T / 6.6TK / 6.6T SX / 6.6K SX	•	✓K	•	•	•	•	•	•
6.5T / 6.5TK / 6.5T SX / 6.5K SX	•	✓K	•	•	•	•	•	•
7.6T / 7.6TK / 7.6T SX / 7.6K SX	•	✓K	•	•	•	•	•	•

TP HARDOX
BELTS TRANSMISSION

CUTTING HEAD	125	125	125	125				
MODELS								
5.5T / 5.5TK / 5.5T SX / 6.5K SX	•	•	•	•	•	•	•	•
6.6T / 6.6TK / 6.6T SX / 6.6K SX	•	•	•	•	•	•	•	•
6.5T / 6.5TK / 6.5T SX / 6.5K SX	•	•	•	•	•	•	•	•
7.6T / 7.6TK / 7.6T SX / 7.6K SX	•	•	•	•	•	•	•	•

WORKING WIDTH



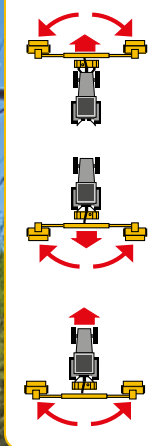
	5.5 / 5.5K 5.5 SX / 5.5K SX	6.6 / 6.6K 6.6 SX / 6.6K SX	6.5T / 6.5TK 6.5T SX / 6.5TK SX	7.6T / 7.6TK 7.6T SX / 7.6TK SX
A	560 cm / 220"	655 cm / 258"	651 cm / 256"	750 cm / 295"
B	250 cm / 98"	280 cm / 110"	250 cm / 98"	280 cm / 110"
C	230 cm / 90"	260 cm / 102"	230 cm / 90"	260 cm / 102"
D	155 cm / 61"	170 cm / 67"	155 cm / 61"	170 cm / 67"
E	150 cm / 59"	163 cm / 64"	150 cm / 59"	163 cm / 64"
F	662 cm / 263"	768 cm / 302"	746 cm / 293"	851 cm / 335"
G	620 cm / 244"	715 cm / 281"	630 cm / 248"	710 cm / 279"
H	396 cm / 156"	470 cm / 49"	463 cm / 182"	460 cm / 181"
I	215 cm / 85"	245 cm / 96"	215 cm / 85"	245 cm / 96"
L	275 cm / 108"	339 cm / 133"	341 cm / 134"	404 cm / 159"
M	125 cm / 49"	125 cm / 49"	125 cm / 49"	125 cm / 49"
N	200 cm / 79"	200 cm / 79"	200 cm / 79"	200 cm / 79"
O	390 cm / 153"	478 cm / 188"	483 cm / 190"	571 cm / 224"














ROYAL

550 | 660 | 650T | 760T

PARALLELOGRAM

100 - 120 HP

MODEL			hp/kW				kg/lbs	CAT.			rpm / min
550			70 HP/52 kW	210 cm/83"	545 cm/214"	1450 kg/3196 lbs	II	540	1000*	3150	
			70 HP/52 kW	210 cm/83"	640 cm/251"	1550 kg/3417 lbs	II	540	1000*	3150	
650T			70 HP/52 kW	210 cm/83"	636 cm/250"	1550 kg/3417 lbs	II	540	1000*	3150	
760T			70 HP/52 kW	210 cm/83"	735 cm/289"	1650 kg/3637 lbs	II	540	1000*	3150	

* with frontal hitch

VERSION AVAILABLE TO BE MOUNTED:
 REAR RIGHT | REAR LEFT
 FRONT RIGHT | FRONT LEFT
 REVERSE DRIVE RIGHT | REVERSE DRIVE LEFT

ROYAL	550	660	650T	760T
MACHINE				
Recommended use / till - hours/year	1550	1550	1550	1550
Cast iron main frame and column	✓	✓	✓	✓
2° Arm terminal and joint assembly in cast iron	✓	✓	✓	✓
Blower	✓	✓	✓	✓
Hydraulic hours counter (NOT with fast-tronic)	•	•	•	•
HYDRAULIC SYSTEM				
Oil tank capacity	230 lt	230 lt	230 lt	230 lt
Arm movements oil flow rate	40 lt/min / 220 bar	40 lt/min / 220 bar	40 lt/min / 220 bar	40 lt/min / 220 bar
Arm movements oil flow rate (only with fast-tronic command)	60 lt/min / 220 bar	60 lt/min / 220 bar	60 lt/min / 220 bar	60 lt/min / 220 bar
Cutting head oil flow rate	118 lt/min / 220 bar	118 lt/min / 220 bar	118 lt/min / 220 bar	118 lt/min / 220 bar
Hp / kW head rotor	65 hp / 48,5 kW	65 hp / 48,5 kW	65 hp / 48,5 kW	65 hp / 48,5 kW
12 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	•	•	•	•
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (only with smart-tronic and fast-tronic command)	•	•	•	•
TRANSMISSION				
Hydraulic motor	Cast iron Gr. 3 HT	Cast iron Gr. 3 HT	Cast iron Gr. 3 HT	Cast iron Gr. 3 HT
Hydraulic pumps	Cast iron Gr. 3 HT	Cast iron Gr. 3 HT	Cast iron Gr. 3 HT	Cast iron Gr. 3 HT
Multiplier	Cast iron	Cast iron	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓	✓	✓
SAFETY				
110° Hydraulic rotation with safety valve	✓	✓	✓	✓
HITCH				
Stabilizers	✓	✓	✓	-
Frontal mounted supplement price	•	•	•	•
Bracket (NOT with stabilizers hitch plate)	•	-	-	-
Stabilizers hitch plate	•	•	•	-
Fix mounted frame RAPID LINK	•	•	•	•
CONTROLS				
Classic	✓	✓	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•	•	•
Fast-Tronic	•	•	•	•
Kit 4.0 - Telemetry and remote diagnostics (only with fast-tronic command)	•	•	•	•



WORKING WIDTH

TP HARDOX
BELTS TRANSMISSION

BELTS TRANSMISSION

DIRECT TRANSMISSION

CUTTING HEAD	105	125	150	105	125	150	125	180

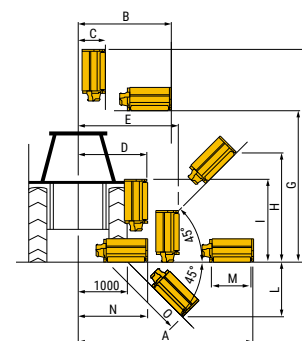
MODELS	105	125	150	105	125	150	125	180
550	•	✓	•	•	•	•	•	•
660	•	✓	•	•	•	•	•	•
650T	•	✓	•	•	•	•	•	•
760T	•	✓	•	•	•	•	•	•

CUTTING HEAD	105	125	150	105	125	150	125	180

MODELS	105	125	150	105	125	150	125	180
550	•	•	•	•	•	•	•	•
660	•	•	•	•	•	•	•	•
650T	•	•	•	•	•	•	•	•
760T	•	•	•	•	•	•	•	•

CUTTING HEAD	125	125	125	125

MODELS	125	125	125	125
550	•	•	•	•
660	•	•	•	•
650T	•	•	•	•
760T	•	•	•	•



cm / inch	550	660	650T	760T
A	545 cm / 214"	640 cm / 251"	636 cm / 250"	735 cm / 289"
B	235 cm / 92"	265 cm / 104"	235 cm / 92"	265 cm / 104"
C	215 cm / 85"	245 cm / 96"	215 cm / 85"	245 cm / 96"
D	140 cm / 55"	155 cm / 61"	140 cm / 55"	155 cm / 61"
E	150 cm / 59"	163 cm / 64"	150 cm / 59"	163 cm / 64"
F	662 cm / 260"	768 cm / 302"	746 cm / 293"	851 cm / 335"
G	620 cm / 244"	715 cm / 281"	630 cm / 248"	710 cm / 279"
H	386 cm / 152"	460 cm / 181"	453 cm / 178"	450 cm / 177"
I	215 cm / 85"	245 cm / 96"	215 cm / 85"	245 cm / 96"
L	275 cm / 108"	338 cm / 133"	341 cm / 134"	404 cm / 159"
M	125 cm / 49"	125 cm / 49"	125 cm / 49"	125 cm / 49"
N	185 cm / 73"	185 cm / 73"	185 cm / 73"	185 cm / 73"
O	375 cm / 148"	463 cm / 182"	468 cm / 184"	556 cm / 219"

POWER

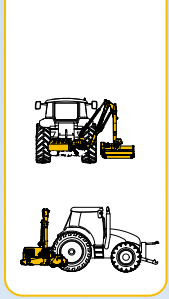
800T | 930T | 10500T

KOMPRESSOR 800TK | 930TK | 10500TK

COMPASS

VERSION ONLY
KOMPRESSOR
ENGINE WITH
SAUER
DANFOSS
AXIAL PISTON PUMP

130 - 250 HP



MY INNER +
STRENX®



MODEL		hp/kW	mm	mm	kg/lbs	CAT.		optional	rpm / min
800T	6000 kg/13228 lbs	70HP/52 kW	220 cm / 87"	780 cm / 307"	1400 kg/ 3086 lbs	II	540	-	3150
930T	7500 kg/16535 lbs	70HP/52 kW	220 cm / 87"	930 cm / 366"	1650 kg/ 3638 lbs	II	540	-	3150
10500T	8000 kg/17637 lbs	70HP/52 kW	220 cm / 87"	1020 cm / 401"	1650 kg/ 3638 lbs	II	540	-	3150
800T K	6500 kg/14330 lbs	70HP/52 kW	220 cm / 87"	780 cm / 307"	1400 kg/ 3086 lbs	II	1000	750	3150
930T K	7500 kg/16535 lbs	70HP/52 kW	220 cm / 87"	930 cm / 366"	1650 kg/ 3638 lbs	II	1000	750	3150
10500T K	8000 kg/17637 lbs	70HP/52 kW	220 cm / 87"	1020 cm / 401"	1650 kg/ 3638 lbs	II	1000	750	3150

POWER / POWER KOMPRESSOR	800T / 800T K	930T / 930T K	10500T / 10500 K
MACHINE			
Recommended use / till - hours/year	1100 / K 1550	1100 / K 1550	1100 / K 1550
Group in cast iron	✓	✓	✓
Strenx 700 steel column	✓	✓	✓
First arm in Strenx 700 steel	✓	✓	✓
Second arm in Strenx 700 steel	-	✓	✓
Connecting rod system for crossing road signs	✓	✓	✓
Bumper with lights a led	✓	✓	✓
Blower	✓	✓	✓
Hydraulic hours counter (not with Fast-Tronic)	•	•	•
HYDRAULIC SYSTEM			
Oil tank capacity	230 lt / K 105 lt	230 lt / K 105 lt	230 lt / K 105 lt
Arm movements oil flow rate	40 lt/min / 220 bar K 50 lt/min / 220 bar	40 lt/min / 220 bar K 50 lt/min / 220 bar	40 lt/min / 220 bar K 50 lt/min / 220 bar
Arm movements oil flow rate (only with fast-tronic command)	60 lt/min / 220 bar	60 lt/min / 220 bar	60 lt/min / 220 bar
Cutting head oil flow rate	118 lt/min / 220 bar K 115 lt/min / 320 bar	118 lt/min / 220 bar K 115 lt/min / 320 bar	118 lt/min / 220 bar K 115 lt/min / 320 bar
Hp / kW head rotor	65 hp / 48,5 kW K 75 hp / 56 kW	65 hp / 48,5 kW K 75 hp / 56 kW	65 hp / 48,5 kW K 75 hp / 56 kW
12 kW oil cooler with auto-reverse fan with automatic variable speed and integrated by-pass valve	✓	✓	✓
Electric vertical floating on the first arm (suspension by a nitrogen accumulator) (only with smart-tronic and fast-tronic command)	•	•	•
TRANSMISSION			
Hydraulic motor Hydraulic motor (KOMPRESSOR SAUER DANFOSS)	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons
Hydraulic pumps Hydraulic pumps (KOMPRESSOR SAUER DANFOSS)	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons	Cast iron Gr. 3 HT K Axial pistons
Multiplier	Cast iron	Cast iron	Cast iron
Cardan shaft 5x700	✓	✓	✓
PTO 750 rpm version only kompressor	•	•	•
SAFETY			
115° Hydraulic rotation with safety valve	✓	✓	✓
HITCH			
3 point hitch with "quick release"	✓	✓	✓
Stabilizers	✓	✓	✓
Stabilizers hitch plate	•	•	•
Fix mounted frame RAPID LINK	•	•	•
CONTROLS			
Classic	✓	✓	✓
Smart-tronic out of production from the 31/12/2022	•	•	•
NEW Smart-tronic V2.1 available starting from the 1/1/2023	•	•	•
Fast-Tronic	•	•	•
Kit 4.0 - Telemetry and remote diagnostics (only with fast-tronic command)	•	•	•










✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE










DIRECT TRANSMISSION










BELTS TRANSMISSION

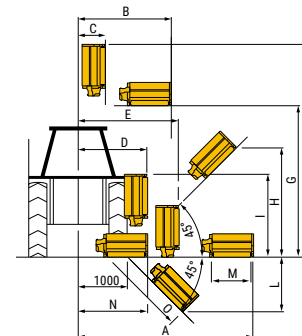
TP HARDOX
BELTS TRANSMISSION

WORKING WIDTH

CUTTING HEAD	105	125	150	105	125	150	125	180
	   	 						
MODELS								
800T / 800T K	•	✓	•	•	•	•	•	•
930T / 930T K	•	✓	-	•	•	•	•	•
10500T / 10500T K	•	✓	-	•	•	•	•	•

CUTTING HEAD	105	125	150	105	125	150	125	180
	   	 						
MODELS								
800T / 800T K	•	✓ K	•	•	•	•	•	•
930T / 930T K	•	✓ K	-	•	•	•	•	•
10500T / 10500T K	•	✓ K	-	•	•	•	•	•

CUTTING HEAD	125	125	125	125
	   	 		
MODELS				
800T / 800T K	•	•	•	•
930T / 930T K	•	•	•	•
10500T / 10500T K	•	•	•	•



cm / inch	800T / 800T K	930T / 930T K	10500T / 10500T K
A	780 cm / 307"	930 cm / 366"	1020 cm / 401"
B	665 cm / 262"	855 cm / 337"	855 cm / 337"
C	230 cm / 90"	250 cm / 98"	250 cm / 98"
D	190 cm / 75"	190 cm / 75"	190 cm / 75"
E	160 cm / 63"	160 cm / 63"	160 cm / 63"
F	795 cm / 313"	870 cm / 342"	975 cm / 384"
G	570 cm / 224"	635 cm / 250"	700 cm / 275"
H	560 cm / 220"	640 cm / 252"	720 cm / 283"
I	170 cm / 67"	170 cm / 67"	170 cm / 67"
L	430 cm / 169"	480 cm / 189"	550 cm / 216"
M	125 cm / 49"	125 cm / 49"	125 cm / 49"
N	250 cm / 98"	250 cm / 98"	250 cm / 98"
O	665 cm / 262"	750 cm / 295"	855 cm / 337"

DITCH CLEANER

ON ALL MODELS

Ditch cutter, ideal for the maintenance and cleaning of ditches, also perfect for mud-removal.



HARDOX
IN MY BODY

MODEL	max Ø	KG lbs
Ø 50 cm	50 cm / 20"	130 kg / 186 lbs
Ø 65 cm	65 cm / 26"	190 kg / 418 lbs
Ø 80 cm	80 cm / 32"	230 kg / 507 lbs
Ø 100 cm	100 cm / 40"	270 kg / 595 lbs

⚠ FLOW DIVIDER SUGGESTED ON HYDRAULIC SYSTEMS WITH FLOW RATE:
> 90 lt/min Ø 50 cm (20") / Ø 65 cm (25")
> 120 lt/min Ø 80 cm (31") / Ø 100 cm (39")

BRANCH CUTTER

ON ALL MODELS

A high-performance branch-cutter, fully built in HARDOX®. Ideal if you want to prune trees, hedges, bushes etc., in particular for those with a high trunk. Up to 10 cm / 4" of cutting Ø.



HARDOX
IN MY BODY

MODEL	max Ø	↔	KG lbs
155 HARDOX	10 cm / 4"	155 cm / 61"	200 kg / 441 lbs
225 HARDOX	10 cm / 4"	225 cm / 87"	230 kg / 507 lbs

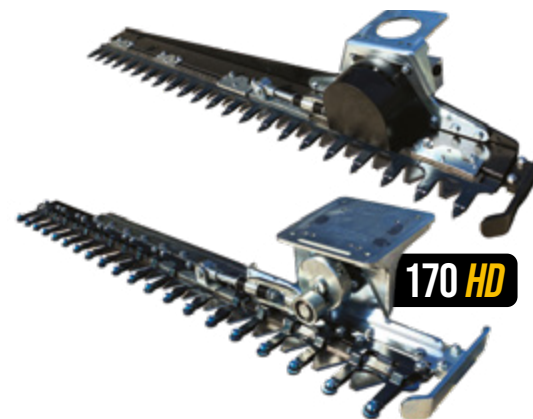
NO on machines with piston system

⚠ FLOW DIVIDER SUGGESTED ON HYDRAULIC SYSTEMS WITH FLOW RATE:
> 60 lt/min

HEDGE BAR

NO VERSION KOMPRESSOR

deal to prune or trim hedges and bushes. Equipped with strong blades for a fine and precise cut result. It can cut up to 5 cm / 2".



170 HD

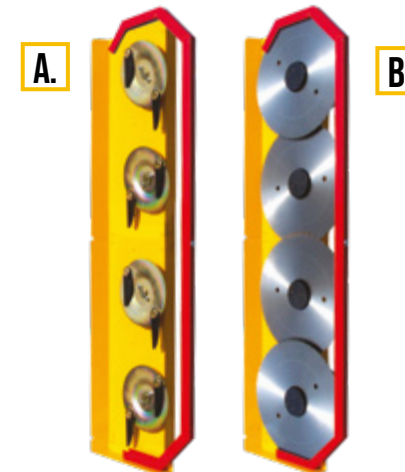
MODEL	max Ø	↔	KG lbs
125 cm	3 cm / 1,2"	125 cm / 49"	46 kg / 101 lbs
166 cm	3 cm / 1,2"	166 cm / 65"	58 kg / 128 lbs
200 cm	3 cm / 1,2"	200 cm / 79"	68 kg / 150 lbs
HD 170 cm	5 cm / 2"	170 cm / 67"	68 kg / 150 lbs

⚠ FLOW DIVIDER SUGGESTED ON HYDRAULIC SYSTEMS WITH FLOW RATE:
> 40 lt/min

DISC CUTTING BAR

NO VERSION KOMPRESSOR

Rotary hedge cutter with discs or blades. Ideal to regularly prune little green areas. Light and practical.



MODEL	max Ø	↔	KG lbs
A. 165	2 cm / 0,8"	165 cm / 65"	150 kg / 331 lbs
B. 165 optional	4 cm / 1,6"	165 cm / 65"	150 kg / 331 lbs

NO on machines with piston system

⚠ FLOW DIVIDER SUGGESTED ON HYDRAULIC SYSTEMS WITH FLOW RATE:
> 40 lt/min





DISC CUTTING BAR PROF

ON ALL MODELS

Rotary hedge cutter for a professional or forestry use. Designed for the maintenance of trunks and trees, with a maximal diameter up to 15/17 cm (5,9"/6,7").

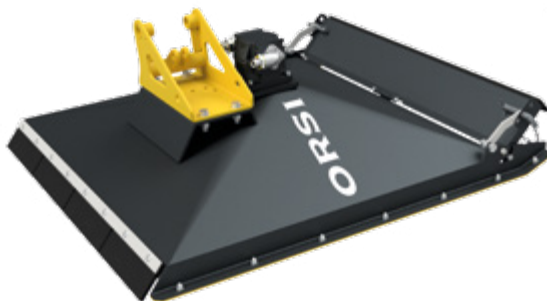




MODEL	max Ø 	←→	
200	15 / 17 cm 5,9" / 6,7"	200 cm / 79"	250 kg / 551 lbs

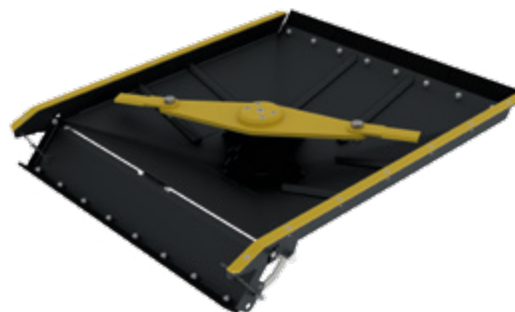
TOPPER PFC 105

MODEL ONLY LEADER PLUS

Rotary head with rotating blades, for cutting grass, shrubs, hedges and vegetation with diameters up to 5 cm/2". Designed for an excellent fine cut. This not only ensures a fine finish, but also retains most of the debris within the hedge for healthy growth and a tidy finish when used in this kind of job. Features and benefits: extremely durable, hydraulic front hood equally adept at cutting grass and hedges.



MODEL	max Ø 	←→	
105	5 cm / 2"	105 cm / 41"	140÷150 kg 309÷331 lbs





TOPPER PFC 1350

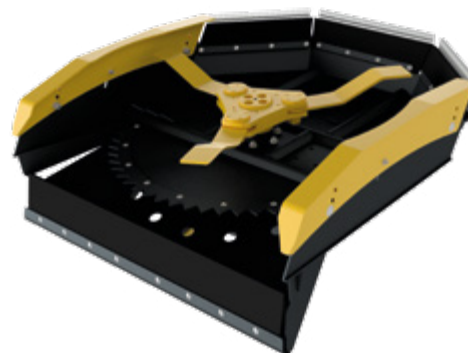
NO MOD. LEADER PLUS / ACROBAT / ACROBAT **KOMPRESSOR** / ROYAL

Rotary Head rugged build quality, with high performance, available with blades or chains. It combines high cutting capacity, for material 6/10 cm (3,3"/4") in diameter, at the highest quality of fine cut. Features and benefits: extremely durable, hydraulic front hood equally adept at cutting grass and hedges. (max Ø 10 cm / 4")



HARDOX
IN MY BODY

MODEL	max Ø 	←→	
CHAINS	6 cm / 2,5"	135 cm / 54"	515÷585 kg 1135÷1290 lbs
PISTON CHAINS K	10 cm / 4"	65 cm / 26"	525÷595 kg 1158÷1312 lbs
BLADES	6 cm / 2,5"	80 cm / 32"	515÷585 kg 1135÷1290 lbs
PISTON BLADES K	10 cm / 4"	100 cm / 40"	525÷595 kg 1158÷1312 lbs




SNOW BLOWER


ON ALL MODELS

Snow clearing machine, ideal for removing large quantities of snow, in conditions of high snowfall.



MODEL	←→	
100 cm	100 cm / 40"	270 / 310 kg 595 / 683 lbs

 * Rotary Heads are not compatible with telescopic arm machines.

 The boom mower MUST BE EQUIPPED WITH AN ATTACHEMENT in order to be supplied (cutting head or any other attachment among the ones offered for the gamma).



« The first Orsi Mulcher was purchased by my family about 25 years ago. The main quality we were looking for was reliability and performance of the machines in very difficult field conditions. The ORSI machines we have had are as reliable as possible, and have always done the work in the fields very well and importantly, we are extremely happy with the service. »

Azienda Agricola Boselli
Daniele e Filippo (BOLOGNA) Italia



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