



LUMA
Implementos Agrícolas

**General
Equipaments
Catalog**

LUMA-4000 / LUMA-5000

Small in size but giant in working capacity, the LUMA-4000 and LUMA-5000 trailers are versatile and robust, designed to offer maximum durability. Equipped with a tilting body with hydraulic drive, they discharge with maximum speed, saving time and manpower in day-to-day tasks. They have hinged, removable and modulated sides, as well as tilting back covers with self-locking system.

The LUMA-4000 is available in single or double wheeled versions. The LUMA-5000 can be purchased with a double wheel, tandem or two-axle wheel. Both the 4000 and 5000 have a brake option* and a special header for a stationary forage harvester*.

*optional items

Technical Characteristics

	LUMA-4000	LUMA-500
Load capacity	4 ton	5 ton
Volumetric capacity	4 m ³	5 m ³
Number of pistons	1	1
Tires	7.50 x 16 or 11L 15	7.50 x 16 or 11L 15
Rim	15 or 16	15 or 16
Length (floor)	2.900 mm	2.950 mm
Width (floor)	1.500 mm	1.770 mm
Height (floor)	950 mm	1.000 mm

Choose the color of your trailer: green, black, red, blue or yellow



LUMA-4000



LUMA-5000

LUMA-6000 / LUMA-6700 / LUMA-9000

With excellent load capacity, LUMA trailers are sized for transportation and other operations in the culture of coffee, grains in general, fruits, forage and other products. They have a steel body and hinged sides, removable and a side and rear opening system. They have a super-reinforced chassis, with tubular stringers that make up a solid structure, more resistant and durable.

The tipper body, with hydraulic drive, discharges with maximum speed, saving time and manpower in day-to-day tasks. The LUMA-6000, LUMA-6700 and LUMA-9000 trailers are available with double wheel, tandem or two axles.

Technical Characteristics

	LUMA 6000	LUMA 6700	LUMA 9000
Load capacity	5 ton	6 ton	8 ton
Volumetric capacity	6 m ³	7 m ³	9 m ³
Number of pistons	1	1	1
Tires	7.50 x 16 or 11L 15	7.50 x 16 or 11L 15	7.50 x 16 or 11L 15
Rim	15 or 16	15 or 16	15 or 16
Length (floor)	2.950 mm	3.470 mm	3.470 mm
Width (floor)	1.770 mm	2.000 mm	2.000 mm
Height (floor)	1.250 mm	1.000 mm	1.250 mm

Choose the color of your trailer: green, black, red, blue or yellow



LUMA-6700



LUMA-9000

LUMA-3000 LUMA-5300

The LUMA-3000 and LUMA-5300 trailers are made up of the forage tipper line specially developed for silage storage and transport. With enormous agility and volumetric capacity, they operate in conjunction with the forage harvester, storing and transporting to the silo the harvested fodder. They are equipped with hydraulic drive tilting system. In this way, they quickly discharge directly into the silo, which represents time and labor savings. They have steel body with hinged sides, removable and modulated.

The back covers open sideways and upwards. The LUMA-3000 trailer is available with double wheel or tandem while the LUMA-5300 model offers dual wheel, tandem or two-axle options.

Technical Characteristics

	LUMA-3000	LUMA-5300
Load capacity	5 ton	5 ton
Volumetric capacity	3 m ³	5,3 m ³
Number of pistons	1	1
Tires	7.50 x 16 or 11L 15	7.50 x 16 or 11L 15
Rim	15 or 16	15 or 16
Length (floor)	3.000 mm	3.000 mm
Width (floor)	2.000 mm	2.000 mm
Height (floor)	750 mm	950 mm

Choose the color of your trailer: green, black, red, blue or yellow



LUMA-5300



LUMA-3000

LUMA-7500

LUMA-10000

Much more robust, the LUMA-7500 and LUMA-10000 trailers have been sized to offer greater volumetric capacity in silage storage and transport operations. Like the other models of the line, they act with great agility in day-to-day tasks and also operate in conjunction with forage harvester. Among other features are the hydraulic drive tilting system - with 'lock-unlock' by springs - rear door with opening totally to the side or up and body with articulated sides, removable and modulated.

The monoblock bucket is structured with 'U' profile beams. Sized to provide maximum productivity and agility, the LUMA-7500 and LUMA-10000 are available in tandem, dual and two-axle versions.

Technical Characteristics

	LUMA-7500	LUMA-10000
Load capacity	6 ton	8 ton
Volumetric capacity	7,5 m3	10 m3
Number of pistons	1	1
Tires	7.50 x 16 or 11L 15	7.50 x 16 or 11L 15
Rim	15 or 16	15 or 16
Length (floor)	3.000 mm	3.600 mm
Width (floor)	2.000 mm	2.000 mm
Height (floor)	1.360 mm	1.360 mm

Choose the color of your trailer: green, black, red, blue or yellow



LUMA-7500



LUMA-10000

LUMA-4.0

Robustness, agility and quality. The renowned LUMA trailer line is ideal for the management and transport of fertilizers, grains, fruits, silages and various products – dry, moist, light or heavy. The LUMA 4.0 and LUMA 4.0 TIPPER also highlight the option of floors, guards and overguards in Marine Plywood.

The chassis are fully metallic, composed of reinforced beams and header with rotating coupling, which represents maximum safety in operation. The body work is dismountable, with guards made of sheet metal with folded profile.

The LUMA 4.0 model is available in single two-axle wheeled or spring beam suspension (11 blades) versions. The LUMA 4.0 tipper has a single wheel.

Technical Characteristics

	LUMA 4.0 TIPPER	LUMA 4.0	LUMA 4.0 IN MARINE PLYWOOD*
Length	4.300 mm	4.500 mm	4.500 mm
Width	1.900 mm	1.900 mm	1.900 mm
Height	1.800 mm	1.800 mm	1.800 mm
Load capacity	4 ton	4 ton	4 ton
Tires	6.50 x 16	6.50 x 16	6.50 x 16
Rim	16	16	16

* Also option of model 4.0 WITH OVERGUARD in MARINE PLYWOOD.
Choose the color of your trailer: green, black, red, blue or yellow



LUMA-4.0 TIPPER



LUMA-4.0
Floor and Guards in Marine Plywood

LUMA-6.0

Ideal for the management and transport of fertilizers, grains, fruits, silages and various products of the agro universe, the LUMA 6.0 line also has as a differential the option of floor, guards and overguards in Marine Plywood.

This material provides enormous advantages, such as high performance in sun and rain exposure; reduction of the weight of the trailer, which requires less of the tractor; ensuring greater rigidity to the body-floor assembly; and greater body seal.

Models LUMA 6.0 and LUMA 6.0 WITH OVERGUARD are available with single two-axis wheel or spring beam suspension (11 blades).

Technical Characteristics

	LUMA 6.0 WITH OVERGUARD	LUMA 6.0	LUMA 6.0 IN MARINE PLYWOOD*
Length	5.700 mm	5.700 mm	5.700 mm
Width	1.900 mm	1.900 mm	1.900 mm
Height	1.950 mm	1.950 mm	1.950 mm
Load capacity	6 ton	6 ton	6 ton
Tires	7.50 x 16	7.50 x 16	7.50 x 16
Rim	16	16	16

* Also option of model 4.0 WITH OVERGUARD in MARINE PLYWOOD.

Choose the color of your trailer: green, black, red, blue or yellow



LUMA-6.0
Metal spring beam and floor
suspension and overguard



LUMA-6.0
Suspension by spring beam and floor
and guards in Marine Plywood

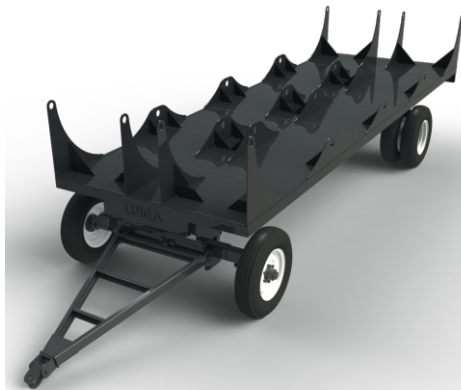
LUMA-36000

The LUMA-36000 hay bale trailer is available in two models: round bales and rectangular bales. It features hinged front wheel and double rear for greater stability and ease of turning in any terrain condition. The platform is reinforced with metallic floor made with folded plates.

Technical Characteristics

	LUMA-36000
Load capacity:	
- Rectangular bale	400 (approximately)
- Round bale	8
Platform length	6.000 mm
Platform width	2.000 mm or 2.500 mm
Rim	8 LB or 5.5 F16
Tires	7.50x16 or 11L15

Choose the color of your trailer: green, black, red, blue or yellow



LUMA-36000



LUMA-36000

LUMA-2000

Versatile and robust, the LUMA-2000 agricultural trailer is ideal for transporting fruit loads. It is available with tandem wheel and has load capacity for up to 2 tons. The chassis are fully metallic and with reinforced beams.

The header has coupling with height regulator, which offers maximum safety in operation. The rear coupling allows work also on the train system.

The LUMA-2000 is equipped with a jack to facilitate hitching and triping on the tractor. The floor is composed of folded profile steel plates, reinforced with stringers.

Technical Characteristics

	LUMA-2000
Floor width (mm)	1.800
Floor length (mm)	3.300
Full length with header (mm)	4.600
Height from ground to floor (mm)	760
Tires	185/70/R-14
Rim	14
Abiliy (kg)	2.000

Choose the color of your trailer: green, black, red, blue or yellow



LUMA-2000



LUMA-2000

RAPTOR-3000

The LUMA RAPTOR-3000 has a hydraulic cutting unit with circular saws of 650 mm diameter. The implement was developed to perform side and top pruning. Thanks to the lightweight and articulated structure, driven by hydraulic pistons, it cuts in vertical, horizontal or inclined positions. The model is equipped with directional valve and cable control, allowing the operator to trigger and move the cutting units (saws or bars) directly from the tractor cab, providing greater ease of operation and safety in the use of the pruner.

The RAPTOR 3000 oil tank has a capacity of 200 liters. It is easily coupled to the tractor's three-point hydraulic lift system. It is also equipped with oil cooling changer and pressure regulator valve to regulate the speed of the cutting unit.

Technical Characteristics

RAPTOR-3000

Cutting diameter	3.000 mm
Diameter of the saw	650 mm
Maximum lateral cutting height	6.700 mm
Maximum height - top cut 90°	3.700 mm
Maximum height - top cut 30°	5.000 mm
Approximate weight without oil	1.350 kg
Power required	65 cv
Number of saws	3



RAPTOR
3000



RAPTOR-2500 TT

RAPTOR-2500 DT

The Raptor-2500 line is perfect for top and side pruning of citrus and coffee plantation, shrubs, among others. It has versions with two or three saw discs with a diameter of 650 mm. The rear coupling to the tractor hydraulic system is simple and fast.

The models are equipped with easy-to-maintain oil tank and hydraulic-driven cutting units. The remote hydraulic control allows the operator to control the cutting unit directly from the tractor cab, providing greater safety and ease of operation.

Technical Characteristics

	RAPTOR 2500 DT	RAPTOR 2500 TT
Maximum top cutting height	3.000 mm	3.000 mm
Minimum top cutting height	1.000 mm	1.000 mm
Maximum lateral cutting height	5.000 mm	5.000 mm
Minimum side cutting height	400 mm	400 mm
Saw cutting diameter	2.500 mm	2.500 mm
Minimum power required	65 cv	65 cv



RAPTOR-2500 TT



RAPTOR-2500 DT

RAPTOR FT-3600

RAPTOR FF-3600

The LUMA RAPTOR-3600 features a hydraulic cutting bar cutting unit with serrated knives in the front and rear options. All models are equipped with directional valve and cable control, which allow the operator to trigger and move the cutting units (saws or bars) directly from the tractor cab. This system provides greater ease of operation and safety in the use of the pruner.

Technical Characteristics

	Rear		Front
	Mobile Column	Fixed Column	Mobile Column
Bar type	3.600 mm	3.600 mm	3.600 mm
Horizontal cutting height	4.000 mm	-	4.600 mm
Vertical cutting height	7.500 mm	4.000 mm	8.000 mm
Vertical tilt angle	-	34	-
Cutting height at 30° top	5.800 mm	-	6.500 mm
Side shift	785 mm	785 mm	785 mm
Minimum vertical cutting height	-	400 mm	-
Number of cylinders	3	2	3



RAPTOR FT-3600



RAPTOR FF-3600

RAPTOR DUO FS-3600

RAPTOR DUO FF-3600

The LUMA RAPTOR-3600 DUO features dual hydraulic cutting unit, cutting bar with front and rear serrated knives or front cutting disc and rear bar. All models are equipped with directional valve and cable control, allowing the operator to trigger and move the cutting units (saws or bars) directly from the tractor cab. This system provides greater ease of operation and safety in the use of the trimper.

Technical Characteristics

	Rear		Front
	Mobile Column	Fixed Column	Mobile Column
Bar type	3.600 mm	3.600 mm	3.600 mm
Horizontal cutting height	4.000 mm	-	4.600 mm
Vertical cutting height	7.500 mm	4.000 mm	8.000 mm
Vertical tilt angle	-	34	-
Cutting height at 30° top	5.800 mm	-	6.500 mm
Side shift	785 mm	785 mm	785 mm
Minimum vertical cutting height	-	400 mm	-
Number of cylinders	3	2	3

RAPTOR DUO FF-3600



RAPTOR DUO FS-3600

T-REX 3500

The LUMA T-REX 3500 has a hydraulic cutting unit with four circular saws of 650 mm in diameter. The arm is fully articulated, driven by hydraulic cylinders. Prunes side and top in vertical, horizontal or sloping positions. It has an independent oil tank, with capacity for 400 liters. The LUMA T-REX 3500 is equipped as standard with heat exchanger for oil cooling. The cutting unit has oil flow regulator valve, which allows you to easily control the cutting speed according to the need of planting.

Technical Characteristics

	T-REX 3500
Cutting diameter	3.500 mm
Diameter of the saw	650 mm
Maximum lateral cutting height	8.050 mm
Maximum height - top cut 90°	5.050 mm
Maximum height - top cut 30°	6.450 mm
Approximate weight (without oil)	3.400 kg
Power required	75 cv
Number of saws	4



T-REX 3500



T-REX 3500

RAPTOR FF-2400

The LUMA RAPTOR FF-2400 front pruner, pruning side and top pruning. Cuts in vertical, horizontal or inclined positions, easily adapting to the most varied operating conditions, promoting a pruning of the highest quality in coffee plantation, hedges and orchards. It has a light and articulated structure, driven by hydraulic cylinders, a smooth and silent operation cutting bar, extraordinary stability, high efficiency and low power consumption, enabling use on smaller tractors.

Technical Characteristics

	RAPTOR FF-2400
Cutting range (mm)	2.400
Cutting diameter (mm)	35
Full width (mm)	1.000
Length (mm)	2.000
Total height (mm)	3.000
Approximate weight (kg)	470
Minimum power (cv)	40
Maximum horizontal cut height (mm)	3.100
Minimum horizontal cut height (mm)	1.600
Vertical cutting height (mm)	3.000
Minimum oil flow (l/min)	30
Valve command tractor	4-way



RAPTOR
FF-2400



RAPTOR
FF-2400

SD-280 / SD-280 II

The top pruners SD-280 and SD-280 II provide excellent results in pruning the coffee pointer (canopy) and the like. They have a simple and robust saw drive system, which uses only the tractor's power outlet.

They have a ratchet cutting height adjustment system, which provides greater agility and ease of operation. The SD-280 has a saw blade and the SD-280 II has two discs with diameters of 800 mm.

Technical Characteristics

	SD-280	SD-280 II
Number of cutting discs	1	2
Full width (mm)	2.210	2.210
Length (mm)	1.140	1.140
Height total (mm)	3.740	3.740
Approximate weight (kg)	510	630
Minimum cutting height (mm)	350	350
Maximum cutting height (mm)	2.850	2.850
Power required (cv)	35	40



SD-280 II



SD-280

PL-250

The PL-250 pruner performs side pruning in coffee crops and the like. It promotes greater aecization and illumination between the lines of the crop, facilitating operational processes such as spraying, mowing and mechanized harvesting, among others.

Easy to engage to the tractor's three-point system, it adapts to the most varied crops. It is equipped with two or three circular saws with a diameter of 650 mm. The pruning angle is adjustable from -5° to 20° , using hydraulic piston.

Technical Characteristics

	PL-250
Number of cutting discs	2 or 3
Full width (mm)	1.720
Length (mm)	1.450
Total height (mm)	2.200
Approximate weight (kg)	580
Minimum cutting height (mm)	250
Maximum cutting height (mm)	2.900
Cutting diameter	2.400
Cutting angle	-5° to 20°
Power required (cv)	35



PL-250



PL-250

RR-2300 / RR-2600

LUMA Mounting Cutters provide high performance in cleaning coffee stakes, citrus orchards and the like. They are robust and easy to handle brushcutters, equipped with a swivel-free system, which maintains the integrity of the equipment and also of the tractor in cases of overload. They assist in the preservation of the environment, acting in the reduction of herbicide application.

REVERSIBLE BRUSH CUTTERS

With exclusive cutting reversal system, which ensures greater ease, speed and safety in operation. Less time lost with hitch and trip, more agility and gain of operational efficiency.

EQUIPPED WITH 4 WHEELS

All LUMA brush cutters are available with 4 wheels.

Technical Characteristics

	RR-2300	RR-2600
Full width (mm)	2.450	2.450
Total length (mm)	2.100	2.100
Minimum cutting height (mm)	880	880
Approximate weight (kg)	675	712
Perimeter cutting (mm)	1.400	2.200
Power required (cv)	60	75
Cutting width (mm)	2.300	2.600



RR-2300



RR-2600

RR-2600 FLEX

The RR-2600 FLEX model has a cutting system with articulation, to monitor the irregularities of the terrain perfectly. Robust and easy-to-handle brush cutter, it is equipped with a swivel-free system, which maintains the integrity of the equipment and also of the tractor in cases of overload. They assist in the preservation of the environment, acting in the reduction of herbicide application.

REVERSIBLE BRUSH CUTTERS

With exclusive cutting reversal system, which ensures greater ease, speed and safety in operation. Less time lost with hitch and trip, more agility and gain of operational efficiency.

EQUIPPED WITH 8 WHEELS

Available with solid rubber wheels, more resistant and durable.

Technical Characteristics

	RR-2600 FLEX
Full width (mm)	2.780
Total height (mm)	2.470
Minimum cutting height (mm)	30 to 160
Approximate weight (kg)	1.100
Cutting perimeter (mm)	1.360
Power required (cv)	75
Cutting width (mm)	2.600



RR-2600 FLEX

VS-EVOLUTION VS-EVOLUTION DUAL

They promote complete cleaning of coffee, removing leaves and other organic residues. They have a sweeping system with articulated structure, blowers with high power turbine and sweepers driven by hydraulic engines. They blow the coffee stem region, throwing the 'hidden' beans into the area to be swept away. Equipped with flow regulator valve that allows you to control the speed of sweepers.

Available in two versions: VS-EVOLUTION with a sweeper and VS-EVOLUTION DUAL with two sweepers.

Technical Characteristics

	VS EVOLUTION	VS EVOLUTION DUAL
Number of cutting discs	2	1
Full width (mm)	2.345	3.900
Total length (mm)	2.050	2.700
Total height (mm)	1.700	1.700
Approximate weight (kg)	650	950
Valves required (tractor)	1	1
Number of sweepers	1	2
Required power (cv)	55	65



VS-EVOLUTION



VS-EVOLUTION DUAL

TP-140 NG / TPH-140 NG / TP-160 NG TPH-160 NG / TP-200 NG

The New Generation of the TP crusher line is even more robust, developed to handle the heavy work in the field. Larger in size, the models are indicated for the crushing of pruning debris with branches up to 15 cm in diameter, preferably in a green state.

In addition to the mechanical version for the entire line, the TP-140 and TP-160 crushers are also produced in the hydraulic displacement version, equipped for work in the central position or shifted to the side - ideal in the side mowing in orchards, as well as fence eaves.

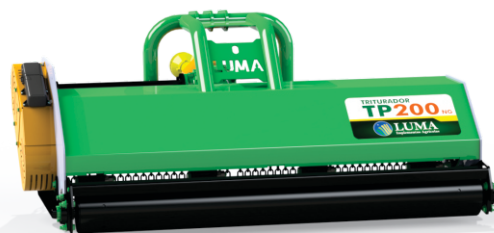
The 10 hammers incorporated in the TP-140 and TP-160 models, and the 16 in the TP-200 line, are larger, which allows you to grind large volumes of branches. They also have side shoes, which facilitate the adjustment of the height of the cut. Without opening in the back cover, the material resulting from the crushing is recycled evenly.

Technical Characteristics

	TP-140 NG	TP-160 NG	TP-200 NG
Full width (mm)	1.560	1.760	2.260
Length (mm)	1.500	1.500	1.500
Full height (mm)	950	950	950
Weight (kg)	620	650	750
Cutting perimeter (mm)	1.400	1.600	2.200
Power required (cv)	60	60	75
Number of hammers	10	10	16



TPH-160 NG



TP-200 NG

TL-100H / TR-2200

The TL-100H model is equipped for exclusively side jobs and with lateral hydraulic displacement. Ideal in side swiddens of orchards, as well as aceiros and fence eaves.

The TR-2200 model has a smaller height and side baffles that allow the crusher to enter under the coffee skirt, promoting the cleaning of the streets without causing abrasions on branches or leaves.

Technical Characteristics

	TL-100H	TR-2200
Full width (mm)	1.300	1.500
Length (mm)	2.000	2.400
Total height (mm)	810	800
Weight (kg)	539	620
Cutting perimeter (mm)	1.000	2.200
Required power (cv)	45	75



TL-100H



TR-2200

TL-140 / 160 / 180 / 140H / 160H / 180H TL-200 / 220 / 240 / 260 / 280

LUMA Crushers are used in coffee crops, fruit crops, landscaping and road and highway conservation. Robust and efficient, they were developed to grind pruning remains of various crops, preferably in a still green state.

They have a powerful rotor that ensures a quick and uniform grinding, creating a vegetable protection bed that retains moisture and is easily incorporated into the soil. They are equipped with a compactor roller that realizes gradual leveling of the soil.

The TL-140H, TL-160H and TL-180H models are equipped with hydraulic piston for work in the central position or shifted to the side, ideal in side mowing in orchards, as well as acaches and fence eaves.

Technical Characteristics

	TL 140	TL 160	TL 180	TL 140H	TL 160H	TL 180H
Full width (mm)	1.600	1.800	2.000	1.600	1.800	2.000
Length (mm)	1.180	1.180	1.180	1.180	1.180	1.180
Total height (mm)	900	900	900	900	900	900
Weight (kg)	637	677	736	735	776	736
Cutting perimeter (mm)	1.400	1.600	1.800	1.400	1.600	1.800
Power required (cv)	60	60	75	60	60	75



TL-140



TL-160H



TL-280

Technical Characteristics

	TL 200	TL 220	TL 240	TL 260	TL 280
Full width (mm)	2.200	2.400	2.600	2.800	3.000
Length (mm)	1.180	1.180	1.180	1.180	1.180
Total height (mm)	900	900	900	900	900
Weight (kg)	778	841	896	917	983
Cutting perimeter (mm)	2.000	2.200	2.400	2.600	2.800
Power required (cv)	75	75	80	80	80

TP-300 / TP-400

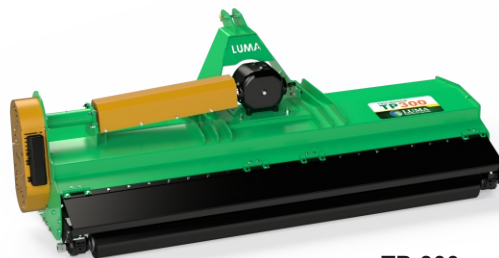
The heavy line of LUMA Crushers is composed of robust and efficient models, developed to grind pruning debris from various crops, preferably in a green state. They have a powerful rotor that ensures a fast, uniform and effective grinding, creating a good layer of plant protection that retains moisture and is easily incorporated into the soil.

They also have a compactor roller for the gradual leveling of the soil. LUMA crushers are applicable for crushing residues, such as maize straw, and also landscapes.

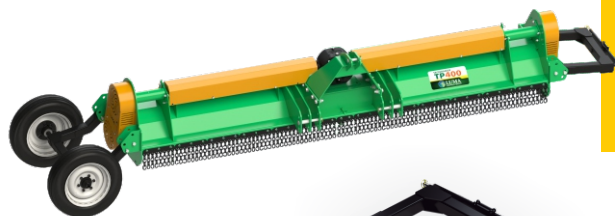
The TP-400 line is even more robust, composed of two interconnected rotors and consisting of hammers with teeth, which offer greater efficiency in the service performed. It also has an optional exclusive charging system in places with difficult access.

Technical Characteristics

	TP-300	TP-400 (no kit)	TP-400 (with kit)
Full width (mm)	3.200	4.400	5.700
Working width (mm)	3.000	4.000	4.000
Rotation in TDP (rpm)	540	540	540
Minimum power (cv)	90	120	120
Hitch Category	II and III	II and III	II and III
Number of hammers (standard)	36	32	32
Number of knives (optional)	72	64	64



TP-300



TP-400 WITH KIT



TP-600 / TP-800

The heavy line of LUMA crushers was developed to grind pruning debris from various crops, preferably in a green state. The TP-600 and TP-800 models feature a powerful rotor that ensures fast, uniform and effective grinding, creating a good layer of plant protection.

They also have a compactor roller for the gradual leveling of the soil. They are applicable for crushing waste in fruit crops - such as corn, cotton, wheat, pasture, among others - and also landscapes.

More robust and larger in size, the TP-600 and TP-800 models reach much wider areas during operation, with proven cost and time reduction. The line also has an optional system exclusive to loading locations with difficult access.

Also noteworthy is the single belt system formed by five conjugated channels, which provides greater performance and durability.

Technical Characteristics

	TP-600	TP-800
Full width (mm)	6.400	8.400
Working width (mm)	6.000	8.000
Rotation in TDP (rpm)	1.000	1.000
Minimum power (cv)	120	140
Type of hitch	Drag	Drag
Number of knives (standard)	196	260
Number of rollers	2	2
Cutting height (mm)	25-450	25-450



TP-600



TP-800

MC-50 / MSR-50 / MSC-50 / MSR-30

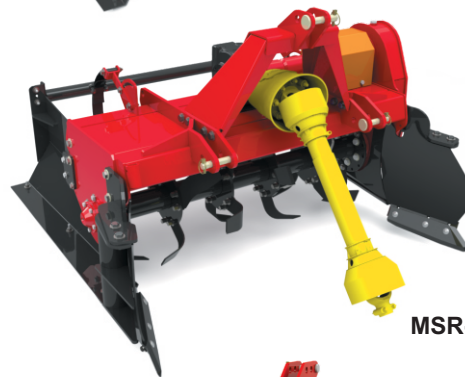
The LUMA ROTARY TILLER is used in the formation of intensive horticulture, floriculture and fruit growing beds. Leaves the bed level and ready for planting. Its structure is reinforced and independent of the Rotavator. The blades work at the full width of the bed, eliminating the proliferation of bush on the sides. LUMA rotary tiller feature a rotor with three blades pairs per flange, cardan with disc clutch and easy-to-adjust rear skirt.

Technical Characteristics

	MC-50	MSR-50	MSC-50	MSR-30
Width of the top bed max. (mm)	1.100	1.100	1.100	700
Width of the base bed (mm)	1.500	1.500	1.500	900
Height of the bed max. (mm)	350	350	350	350
Number of blades	30	30	30	18
Weight (kg)	554	526	526	350
Power required (cv)	55	55	55	30



MC-50



MSR-50



MSR-30

MC-60 / MSR-60 / MSC-60

The LUMA ROTARY TILLER is used in the formation of intensive horticulture, floriculture and fruit growing beds. Leaves the bed level and ready for planting. Its structure is reinforced and independent of the Rotavator. Its blades work at the full width of the bed, eliminating the proliferation of bush on the sides. LUMA rotary tiller feature a rotor with three blades pairs per flange, cardan with disc clutch and easy-to-adjust rear skirt.

Technical Characteristics

	MC-60	MSR-60	MSC-60
Width of the top bed max. (mm)	1.350	1.350	1.350
Width of the base bed (mm)	1.750	1.750	1.750
Height of the bed max. (mm)	350	350	350
Number of blades	36	36	36
Weight (kg)	584	556	556
Power required (cv)	65	65	65



MC-60



MSR-60

MC-70 / MSR-70 / MSC-70

The LUMA ROTARY TILLER is used in the formation of intensive horticulture, floriculture and fruit growing beds. Leaves the bed level and ready for planting. Its structure is reinforced and independent of the Rotavator. Its blades work at the full width of the bed, eliminating the proliferation of bush on the sides. LUMA rotary tiller feature a rotor with three blades pairs per flange, cardan with disc clutch and easy-to-adjust rear skirt.

Technical Characteristics

	MC-70	MSR-70	MSC-70
Width of the top bed max. (mm)	1.600	1.600	1.600
Width of the base bed (mm)	2.000	2.000	2.000
Height of the bed max. (mm)	350	350	350
Number of blades	42	42	42
Weight (kg)	614	586	586
Power required (cv)	75	75	74



MC-70



MSR-70

MSP-3500

The **ROTOCANTEIRADOR LUMA MSP-3500** is used in the formation of beds for the production of crops such as potatoes, cassava, etc. The blades work in the total width of the bed, eliminating the proliferation of weeds on the sides. LUMA rotary cutters have a rotor with three pairs of blades per flange, cardan with disc clutch and rear skirt for easy adjustment.

The front furrowers are adjustable, while the rear cover has adjustable guides for the formation of two, three or four beds when carrying out work in the field.

The **ROTAVATOR LUMA MSP-3500** version works in soil preparation for sowing. With countless applications, it has an exclusive rotor equipped with blades designed with special angles to destroy clods without compacting the soil and providing better germination and plant development.

Technical Characteristics

	MSP-3500 Rotocanteirador			MSP-3500 Rotavator
	2 beds	4 beds	6 beds	
Width of the top bed max. (mm)	1.400	600	300	-
Width of the base bed max. (mm)	1.750	870	580	
Number of blades	78			78
Approximate weight (kg)	1.750			1.470
Minimum power (cv) 540 RPM	200			140
Full width (mm)	3.800			3.800
Cutting width (mm)	3.500			3.500
Number of subsolators	5			-



**MSP-3500
ROTAVATOR**



**MSP-3500
ROTOCANTEIRADOR**

MS-50 / MS-60 / MS-70

LUMA ROTARY TILLER was specially developed to work in soil preparation for sowing. It has an exclusive rotor equipped with blades designed with special angles to destroy the roasts without compacting the soil and provide better germination and plant development.

With numerous applications, it can be used to incorporate remains of various crops, straws, organic matter, limestone and fertilizers, in the preparation of floodplains under water slide, in the renewal of pastures, to lower vegetation in the control of the bush and weeds, etc.

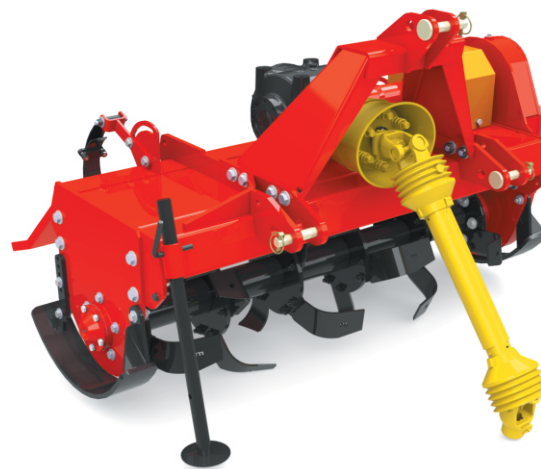
Equipped with side skates to support the machine on the ground, with height adjustment that allows the control of the working depth up to 20 cm on soils previously mobilized with phigh, grill or subsolator.

Technical Characteristics

	MS-50	MS-60	MS-70
Full width (mm)	1.570	1.830	2.080
Cutting width (mm)	1.220	1.470	1.730
Depth cut (cm)	0 to 20	0 to 20	0 to 20
Number of blades	30	36	42
Weight (kg)	412	426	447
Power required (cv)	35	45	60



MS-50



MS-50

MS-80 / MS-90

LUMA ROTARY TILLER was specially developed to work in soil preparation for sowing. It has an exclusive rotor equipped with blades designed with special angles to destroy the roasts without compacting the soil and provide better germination and plant development.

With numerous applications, it can be used to incorporate remains of various crops, straws, organic matter, limestone and fertilizers, in the preparation of floodplains under water slide, in the renewal of pastures, to lower vegetation in the control of the bush and weeds, etc.

Equipped with side skates to support the machine on the ground, with height adjustment that allows the control of the working depth up to 20 cm on soils previously mobilized with phigh, grill or subsolator.

Technical Characteristics

	MS-80	MS-90
Full width (mm)	2.330	2.690
Cutting width (mm)	1.980	2.250
Depth cut (cm)	0 to 20	0 to 20
Number of blades	48	54
Weight (kg)	462	550
Power required (cv)	70	85



MS-80



MS-80

MS-100 / MS-120 / MS-140 / MS-160

ROTAVATOR LUMA was specially developed to work in soil preparation for sowing. It has an exclusive rotor equipped with blades designed with special angles to destroy the roasts without compacting the soil and provide better germination and plant development.

With numerous applications, it can be used to incorporate remains of various crops, straws, organic matter, limestone and fertilizers, in the preparation of floodplains under water slide, in the renewal of pastures, to lower vegetation in the control of the bush and weeds, etc.

Equipped with side skates to support the machine on the ground, with height adjustment that allows the control of the working depth up to 20 cm on soils previously mobilized with phigh, grill or subsolator.

Technical Characteristics

	MS-100	MS-120	MS-140	MS-160
Full width (mm)	2.840	3.340	3.840	4.340
Cutting width (mm)	2.500	3.000	3.500	4.000
Depth cut (cm)	0 to 20	0 to 20	0 to 20	0 to 20
Number of blades	60	78	78	90
Weight (kg)	581	626	696	766
Power required (cv)	95	100	110	120



MS-100



MS-100

BCA-1200 / BCA-1500

Models LUMA BCA-1200 and BCA-1500 revolve and hit the aviary bed. They provide greater comfort and sanity for birds, ensuring lots with high performance and excellent cost benefit.

The excellent crushing increases the life of the bed, allowing its use in a larger number of lots, besides producing a composting with high organic value, ideal for later use in the crop.

The BCA-1200 and BCA-1500 are factory equipped with a back cover with adjustable opening; rubber parades; dual current transmission; and ultra resistant gearbox, which ensures continuous work without the need for followed stops for maintenance.

The rotor mounted with 30 hammers, in the BCA-1500, and 24 hammers, in the BCA-1200, beats and grinds, accelerating the drying of the aviary bed, avoiding diseases of birds such as calluses in the breasts and feet (pododermatites), common in situations of high humidity of the bed.

Technical Characteristics

	BCA-1200	BCA-1500
Working width	1,20 m	1,50 m
Rotation in TDP	540 rpm	540 rpm
Number of hammers	24	30
Depth of work	25 cm	25 cm
Approximate weight	310 kg	340 kg
Power required	40 cv	45 cv



BCA-1200



BCA-1500

COMPOST BARN ROTARY TILLER

ROTOPEC-2000

Only the ROTOPEC-2000 provides complete revolving of the composting bed in the COMPOST BARN system. Scarifies and grind in a single operation, ensuring better composting, greater comfort for animals and greater gains with increased milk production.

It has 4 or 6 front groovers with height adjustment, to reach the ideal depth and promote the afforeb of the bed. It also has a rotor roller equipped with 32 curved blades arranged in the roller in helical shape.

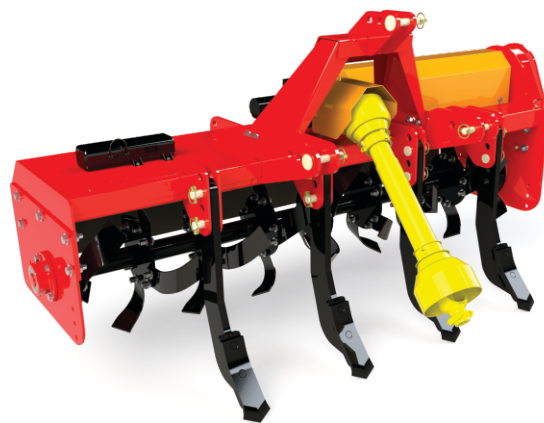
The blades of the efficient destroyer roller break the lumps leaving them in ideal sizes for oxygen infiltration into the bed. The ROTOPEC-2000 is equipped with a cardan factory; rubber back sider; scarifiers with replaceable tips; and dual current transmission.

Technical Characteristics

	ROTOPEC-2000 4 SULCERS	ROTOPEC-2000 6 SULCERS
Working width	2 meters	2 meters
Number of scarifiers	4	6
Number of knives	32	32
Number of flanges	9	9
Depth	10 to 45 cm	10 to 45 cm
Power required (cv)	65	70
Approximate weight	570 kg	630 kg



**ROTOPEC-2000
(6 SULCERS)**



**ROTOPEC-2000
(4 SULCERS)**

BC-30

LUMA CEREAL THRESHER were developed to beat, shake and bag cereals, such as: dry corn with straw and cob, beans, soybeans, rice and the like.

All versions are equipped with double bagger, for greater agility and ease of operation; air suction system with high capacity fan, for cereal cleaning and total straw disposal; automatic feeder with roller equipped with retractable pins, which provide uniform and constant feeding.

The BC-30 has versions for electric engine, diesel/gasoline or tractor power outlet. It is available in models with shaft; with engine accessory; with platform; with platform and elevator; universal; animal traction; and based on diesel or gasoline.

Technical Characteristics

	Models	Driven By	Power Required	Production (bag 60 Kg)			
				Bean	Corn	Rice	Soybean
BC-30	ENGINE	ELECTRIC ENGINE	10 to 12 cv	16 to 22	25 to 45	15 to 20	15 to 20
		GASOLINE/DIESEL	15 cv	16 to 22	25 to 45	15 to 20	15 to 20
	UNIVERSAL	Tractor PTO 540 RPM	From in 35 cv	15 to 35	60 to 80	15 to 25	15 to 35

*Variations may occur depending on the type of product, grain moisture, degree of impurity and machine adjustment.

**To beat rice, cut the branches to an approximate length of 40 cm.



BC-30 UNIVERSAL



BC-30 WITH PLATFORM AND LIFT



BC-30 BASED ON DIESEL OR GASOLINE

BC-80

LUMA CEREAL THRESHER were developed to beat, shake and bag cereals, such as: dry corn with straw and cob, beans, soybeans, rice and the like.

All versions are equipped with double bagger, for greater agility and ease of operation; air suction system with high capacity fan, for cereal cleaning and total straw disposal; automatic feeder with roller equipped with retractable pins, which provide uniform and constant feeding.

The BC-80 has versions for electric engine, diesel/gasoline or tractor power outlet. It is available in diesel or gasoline-based models; with electric base and elevator; with standard platform; with platform and elevator; and universal.

Technical Characteristics

Models	Driven By	Power Required	Production (bag 60 Kg)				
			Bean	Corn	Rice	Soybean	
BC-80	UNIVERSAL	Tractor PTO 540 RPM	From in 35 cv	15 to 35	60 to 80	15 to 25	15 to 35
	PLATFORM STANDARD						
	PLATFORM ELEVATOR						
	ENGINE	ELECTRIC ENGINE	15 cv				
		GASOLINE/DIESEL	15 cv				

*Variations may occur depending on the type of product, grain moisture, degree of impurity and machine adjustment.

**To beat rice, cut the branches to an approximate length of 40 cm.



BC-80 UNIVERSAL



BC-80 WITH PLATFORM AND LIFT



BC-80 WITH ELECTRICAL BASE AND ELEVATOR

B7 MAXI

The B7 MAXI RICE MILL is a machine specially designed and developed for small and medium producers. It has a compact unit, which presents all the processing operations of rice husk in a single machine: sorting, peeling, polishing and selection.

The LUMA B7 MAXI is a rice processor that in addition to polishing and classifying, also has an output of by-products such as bran, a very rich component for animal feed. Compact and modern machine, which has its own support for electric engine assembly or base for placement of diesel or gasoline engine.

Technical Characteristics

	B7 MAXI
Electric engine power (cv)	7,5
Diesel/gasoline engine power (cv)	8
Production (kg/hour)	200 to 270
Rotation on the steering wheel	760
Weight (kg)	220
Length (mm)	1.600
Width (mm)	950
Height (mm)	1.800



B7 MAXI



B7 MAXI

LUMA-1200

Indispensable in its property, crane LUMA-1200 faces any task with agility: it loads and unloads machines and implements, supplies fertilizer distributors and planters, moves and transports cargo in general safely. Ideal for use with big-bag in coffee, fruit, cereals, potatoes, cassava, etc. It has two double-action hydraulic pistons and retractable arm. In the extended position, his arm reaches the length of 3.50 meters. Standing, it reaches 4.50 meters high.

Technical Characteristics

	LUMA-1200
Maximum load indented arm	1.200
Maximum extended arm load	800 kg
Maximum arm length	3,5 m
Maximum lifting height	4,5 m
Pressure required (bar)	170 to 190
Weight (kg)	235



LUMA-1200



LUMA-1200

LUMA-2000

The CRANE LUMA-2000 is indispensable for your property, since it faces any task with great agility and power. Loads and unloads big bags used in the supply of planting and fertilizing machines, always with enormous security. It has two double-action hydraulic pistons. In the collected position, the crosshead or hook is at a height of 0.65 meters from the ground. In the extended position, the crosshair or hook is at a height of 6 meters from the ground. The equipment also allows turning up to 100° and supports load of up to 2,000 kilos.

Technical Characteristics

	LUMA-2000
Tower height (mm)	3.500
Minimum tractor power (cv)	100
Tires	15-11 L15
Height in the collected position (mm)	650
Height in extended position (mm)	6.000
Arm turning	100°
Load for lifting (kg)	2.000



LUMA-2000





LUMA

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