

ROTARY CULTIVATORS



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Rigid and Hydraulic Folding



MASCHIO ROTARY CULTIVATORS *...give you more*

The Rotary Cultivator or "Rotavator" is synonymous with the name Maschio. As one of the first and now largest producers of rotary cultivators worldwide Maschio lead the way in the technology involved in producing strong reliable machines which will work in any situation. The Maschio range of rotary cultivators covers virtually all agricultural and horticultural applications and offers machines suitable for use on tractors from 15 to 380hp.

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STRENGTH

Each model of Maschio rotary cultivator has been designed with its hp rating and application in mind. However, whilst drive line protection is included on all machines the nature of work that a rotary cultivator does dictates that additional robustness needs to be incorporated into the designs. From the drive line to the chassis and hood, larger Maschio rotary cultivators are built to withstand the rigorous job they do and the unsuspected obstacles they come into contact with under the soil surface.



TRANSMISSION

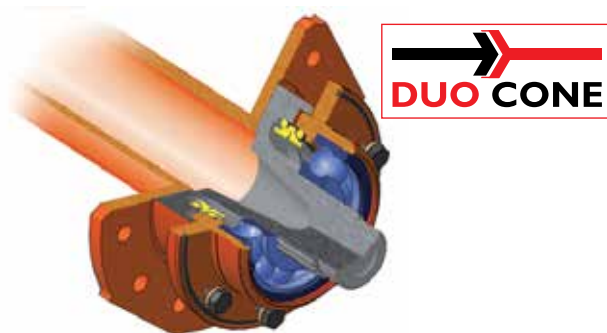
Whether shaft and gear or chain driven the drive lines are over-engineered and high quality components are used throughout to ensure longevity and reliability.



DUO-CONE & O-RING SEALING SYSTEM

The Duo-Cone sealing system guarantees reliability without the need for maintenance. It is possible to achieve up to 50% longer life from the Duo-Cone system compared to standard systems in the most demanding working environments.

The sealing system is completely water and dust proof, allowing the rotor to work reliably in the dustiest of environments or even immersed in water without any ingress into the rotor and hubs. The rotor is supported by oversized SKF roller bearings.



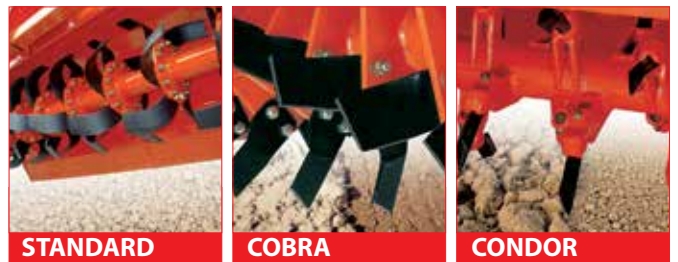
BALANCED ROTORS

Rotors on all Maschio rotary cultivators are digitally balanced before the machine is assembled. Whilst it is still important to check blades and maintain machines due to wear and tear, this ensures minimal vibration and improves long term reliability.



BLADES AND ROTORS

Whether you're working in extremely stony or very hard soil types Maschio rotary cultivators offer three blade options to suit the job in hand. All blades are made from the highest quality materials, with the standard and Cobra rotors using Swedish boron steel blades and the Condor rotor utilising cast steel knife blades for very stony conditions.



BUILD AND FINISH

Maschio's attention to detail in production and extremely modern production facilities ensure that products are built and tested to the highest standards both in terms of robustness to do the job and finish to stand the test of time.

LARGE RANGE

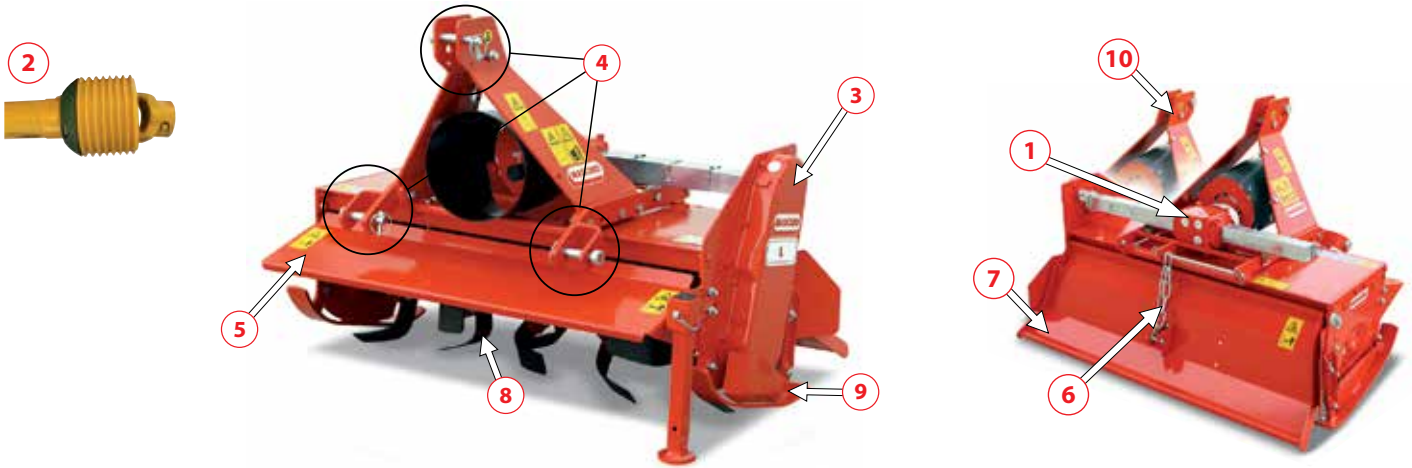
The Maschio rotary cultivator range includes machines suitable for light gardening applications and horticultural usage through to heavy agricultural use with optional extras to adapt machines for most applications.



RIGID ROTARY CULTIVATORS

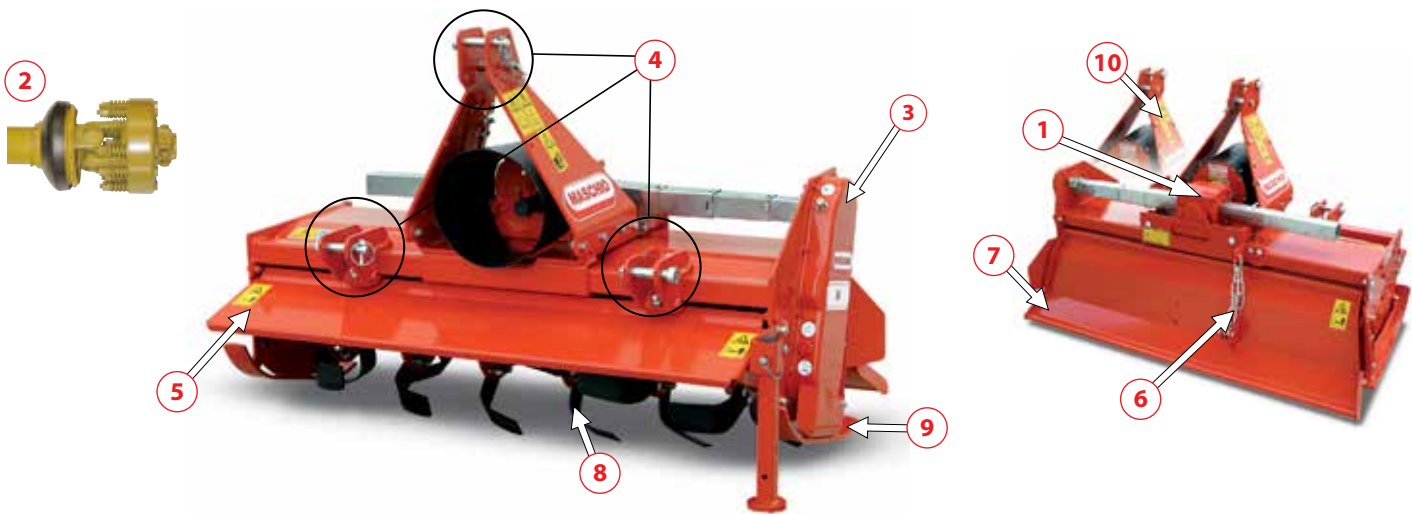
L TYPE 15 - 25 hp

"L" type Maschio rotary cultivators are designed for use on compact tractors from 15 to 25hp and are typically used for amenity, horticultural and market gardening work.



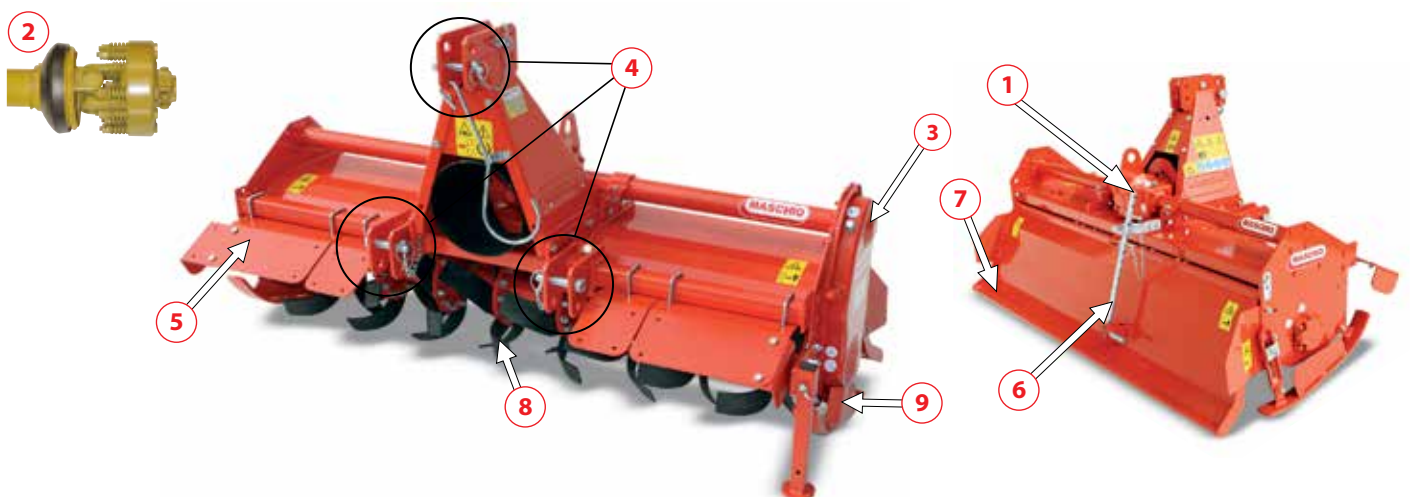
W TYPE 15 - 40 hp

"W" type Maschio rotary cultivators are designed for use on compact tractors from 15 to 40hp and are typically used for amenity, horticultural and market gardening work.



A TYPE 30 - 60 hp

"A" type Maschio rotary cultivators are designed for use on compact and small agricultural tractors from 30 to 60hp and are typically used for amenity, horticultural and market gardening work.





- ① **Gearbox** single speed gearbox running at 540 rpm.
 - L type: 254 rotor rpm
 - W and A types: 208 rotor rpm
- ② **PTO Shaft** 1 3/8", 6 spline tractor side yoke.
 - L type: shearbolt protected
 - W and A types: slip clutch protected
- ③ **Side Chain Drive** heavy duty greased chain drive as standard.



- ④ **Linkage Mounting** universal CAT I three point hitch as standard. (CAT II on A160 and A180).
- ⑤ **Safety Guards** CE safety guards as standard.
- ⑥ **Anti Rollover System** prevents the rotary cultivator from rolling over when the machine is being detached from the tractor.
 - L and W types: safety rod can be placed in the locked position
 - A type: uses a pin on the pressure rod that is connected to the rear bonnet



- ⑦ **Levelling Bonnet** fixing chain as standard (pressure rod on the A type to hold the bonnet open if required).
- ⑧ **Blades** 4 blades per flange, ensuring a fine tilth is produced.
- ⑨ **Adjustable Side Skids** protective skid on either side of the machine controls the working depth and protects the main transmission cover from wear.



- ⑩ **Manual Offset** machines can be used in-line or offset from the tractor. (See specification table below for offset details).



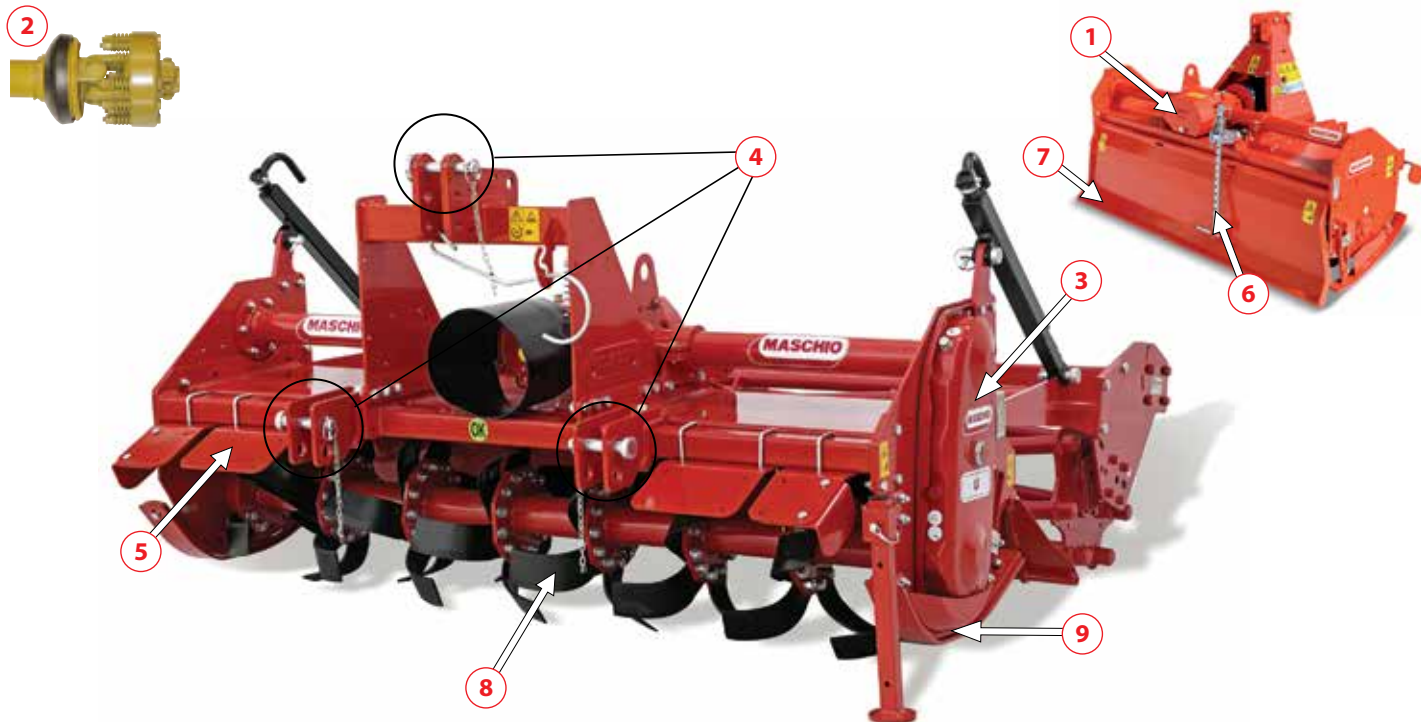
MODEL SPECIFICATIONS

	Models	HP	Working width (m)	Total width (m)	Machine centre cm <-> cm	Machine Offset cm <-> cm	No. of blades	Working depth (cm)	Weight (kg)	Side drive	PTO/RPM
L TYPE	105	15-25	1.05	1.17	52.5<->52.5	32.5<->72.5	20	16	132	CHAIN	540 / 254
	115	18-25	1.15	1.37	57.5<->57.5	27.5<->87.5	20	16	140	CHAIN	540 / 254
	125	20-25	1.25	1.57	62.5<->62.5	32.5<->92.5	24	16	148	CHAIN	540 / 254
W TYPE	105	15-40	1.05	1.17	52.5<->52.5	22<->83	20	18	170	CHAIN	540 / 208
	125	23-40	1.25	1.37	62.5<->62.5	22<->103	24	18	194	CHAIN	540 / 208
	145	25-40	1.45	1.57	72.5<->72.5	22<->123	28	18	218	CHAIN	540 / 208
	165	30-40	1.65	1.77	82.5<->82.5	22<->143	32	18	242	CHAIN	540 / 208
A TYPE	100	30-60	1.05	1.17	52.5<->52.5	.	20	20	230	CHAIN	540 / 208
	120	35-60	1.25	1.37	62.5<->62.5	.	24	20	250	CHAIN	540 / 208
	140	40-60	1.45	1.57	72.5<->72.5	.	28	20	275	CHAIN	540 / 208
	160	45-60	1.65	1.77	82.5<->82.5	.	32	20	285	CHAIN	540 / 208
	180	50-60	1.85	1.97	92.5<->92.5	.	36	20	310	CHAIN	540 / 208

RIGID ROTARY CULTIVATORS

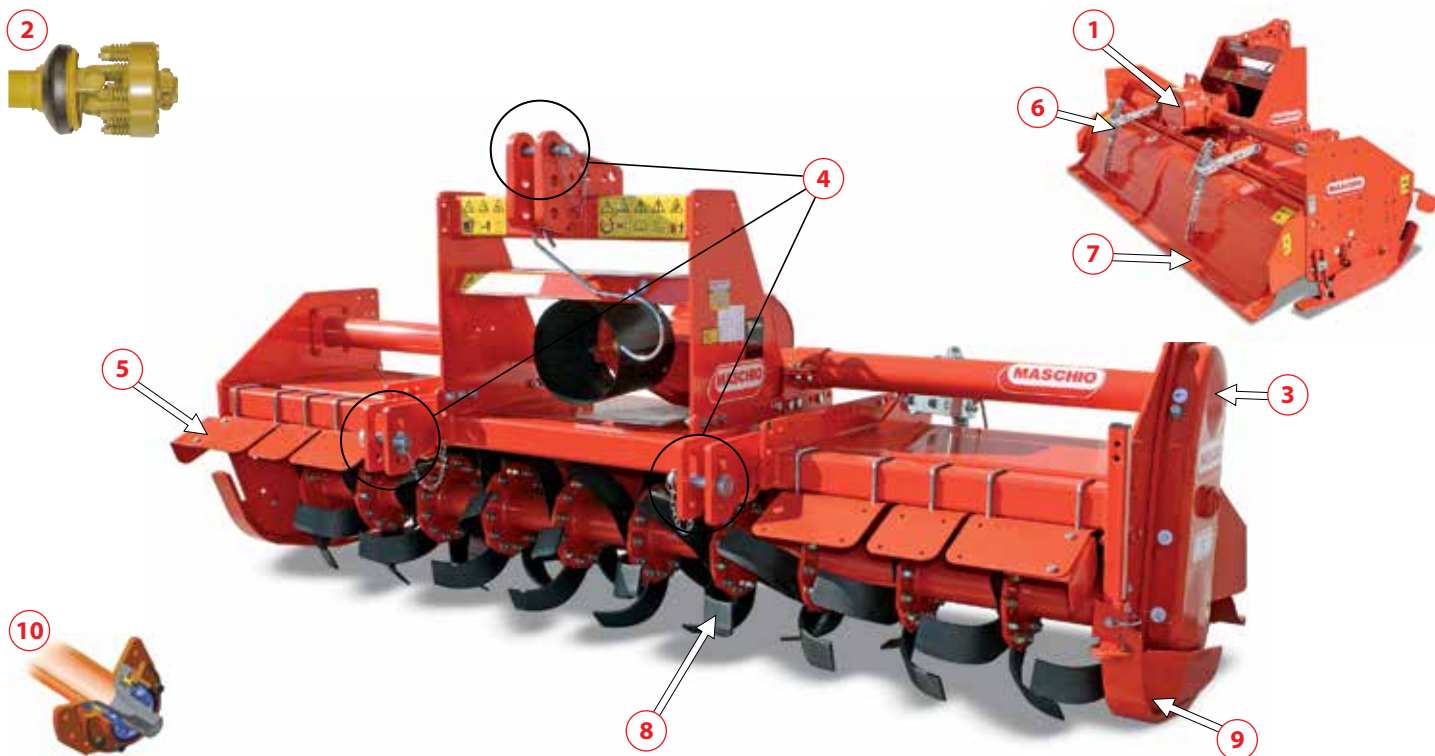
U TYPE 40 - 80 hp

"U" type Maschio rotary cultivators are designed to work on small agricultural tractors from 40 to 80hp and are typically used for horticultural, market gardening and agricultural work.



C TYPE 60 - 130 hp

"C" type Maschio rotary cultivators are designed to work on small to medium sized agricultural tractors from 60 to 130hp and are typically used for horticultural and agricultural work.





- ① **Gearbox** multi speed PTO gearbox running at 540 or 1000 rpm gives selectable rotor speeds, (see specification table below).
- ② **PTO Shaft** slip clutch protection, 1 3/8", 6 spline tractor side yoke.
- ③ **Side Gear Drive in Oil Bath** heavy duty gear drive running in a sealed oil bath to give constant lubrication during work.

- ⑧ **Blades** 6 blades per flange ensuring a fine tilth is produced.
- ⑨ **Adjustable Side Skids** a protective skid on either side of the machine controls the working depth and protects the main transmission cover from wear.



- ④ **Linkage Mounting** universal CAT II three point hitches.
- ⑤ **Safety Guards** CE safety guards as standard.
- ⑥ **Anti Rollover System** prevents the rotary cultivator from rolling over when the machine is being detached from the tractor.
 - C type: safety rod can be placed in the locked position
 - U type: uses a pin on the pressure rod that is connected to the rear bonnet

- ⑩ **Duo-Cone & O-Ring Sealing System (C- type only)** guarantees reliability without the need for maintenance. It is possible to achieve up to 50% longer life from the Duo-Cone system compared to standard systems in the most demanding working environments.

The sealing system is completely water and dust proof, allowing the rotor to work reliably in the dustiest of environments or even immersed in water without any ingress into the rotor and hubs. The rotor is supported by oversized SKF roller bearings.



Rear Roller Options (see page 15 for more information).

Add an Air Seeder to a C type Rotavator and turn it into a Rota-Seeder (see page14).

- ⑦ **Levelling Bonnet** comes as standard complete with a sprung mechanical rod that puts constant downward pressure on the bonnet and acts as a shock absorber protecting the bonnet from damage, whilst working in stony conditions.

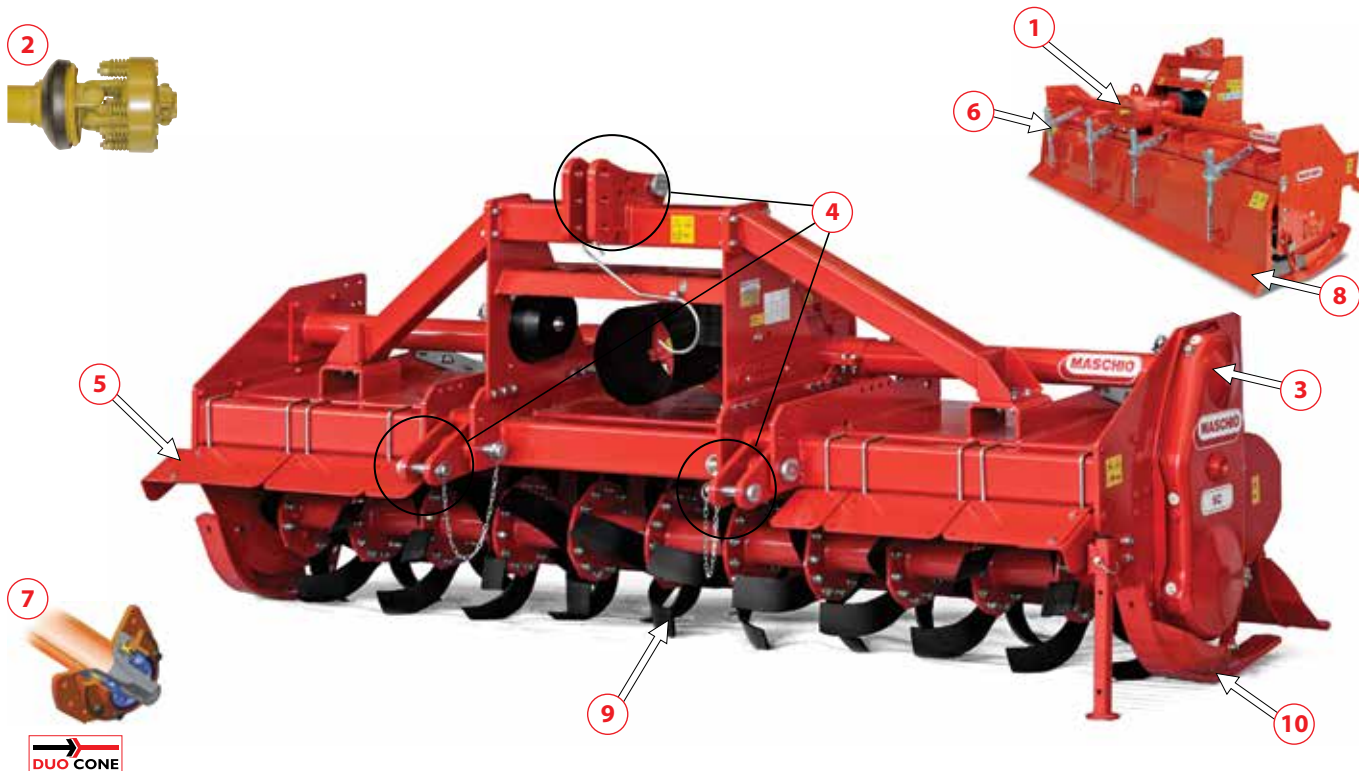
MODEL SPECIFICATIONS

	Models	HP	Working width (m)	Total width (m)	Machine centre cm <- ->	No. of blades	Working depth (cm)	Weight (kg)	Weight + Cage (kg)	Weight + Packer (kg)	Side drive	PTO/RPM
U TYPE	140	40-80	1.45	1.56	72.5<- ->72.5	33	22	400	•	•	GEARS	540/178-201-227-256
	155	45-80	1.6	1.71	80<- ->80	36	22	420	•	•	GEARS	540/178-201-227-256
	180	50-80	1.85	1.96	92.5<- ->92.5	42	22	480	589	647	GEARS	540/178-201-227-256
	205	60-80	2.1	2.21	105<- ->105	48	22	500	643	707	GEARS	540/178-201-227-256
	230	70-80	2.35	2.46	117.5<- ->117.5	54	22	550	704	778	GEARS	540/178-201-227-256
C TYPE	205	60-130	2.1	2.23	105<- ->105	48	27	720	879	964	GEARS	540/175-214-262-143 1000/324-356
	230	70-130	2.35	2.48	117.5<- ->117.5	54	27	778	993	1080	GEARS	540/175-214-262-143 1000/324-356
	250	80-130	2.6	2.73	130<- ->130	60	27	829	1075	1179	GEARS	540/175-214-262-143 1000/324-356
	280	85-130	2.85	2.98	142.5<- ->142.5	66	27	925	1152	1248	GEARS	540/175-214-262-143 1000/324-356
	300	100-130	3.1	3.23	155<- ->155	72	27	940	1211	1338	GEARS	540/175-214-262-143 1000/324-356

RIGID ROTARY CULTIVATORS

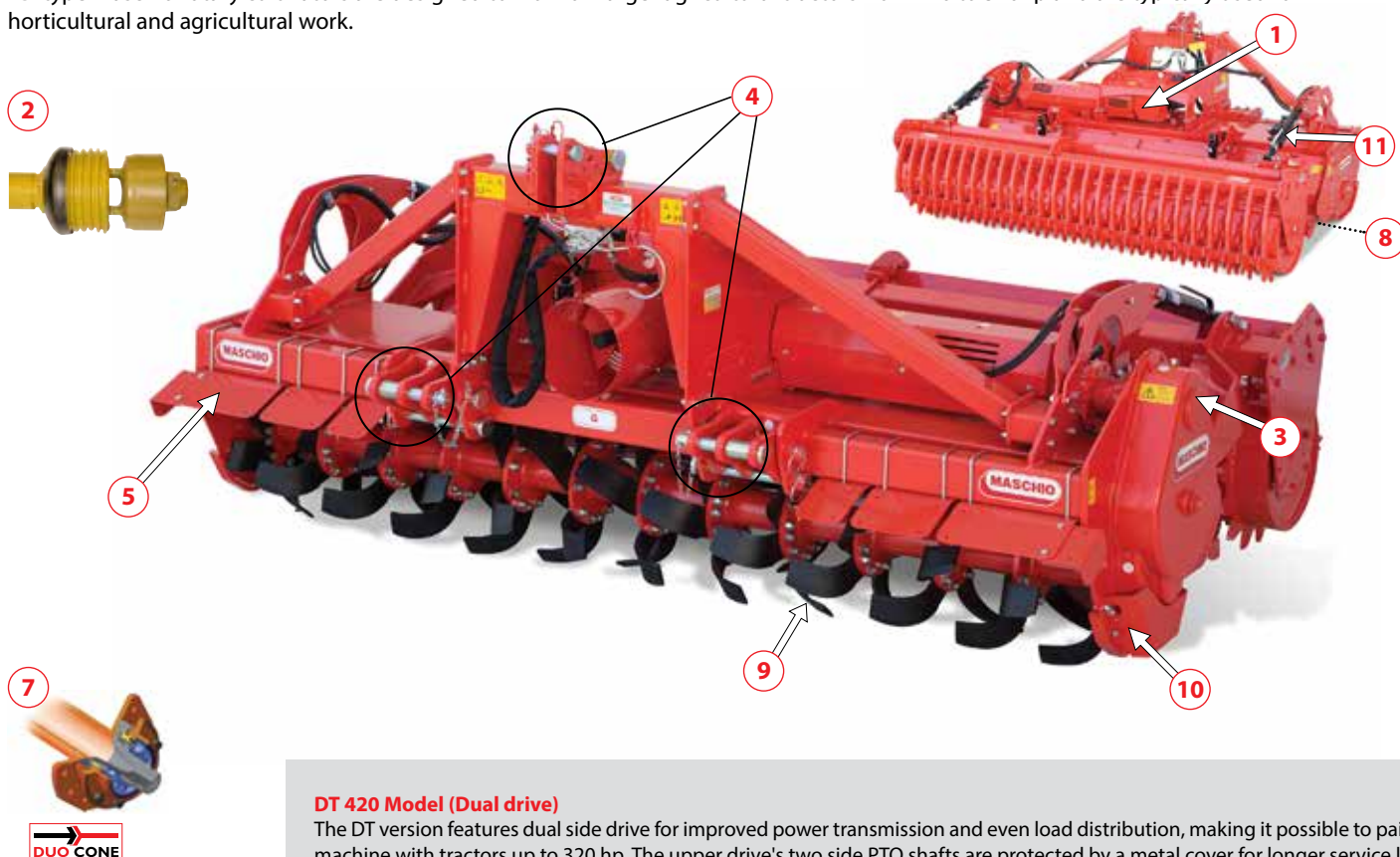
SC TYPE 90-170hp

"SC" type Maschio rotary cultivators are designed to work on medium sized agricultural tractors from 90 to 170hp and are typically used for horticultural and agricultural work.



G TYPE 120-320hp

"G" type Maschio rotary cultivators are designed to work on larger agricultural tractors from 120 to 320hp and are typically used for horticultural and agricultural work.



DT 420 Model (Dual drive)

The DT version features dual side drive for improved power transmission and even load distribution, making it possible to pair the machine with tractors up to 320 hp. The upper drive's two side PTO shafts are protected by a metal cover for longer service life.



- ① **Gearbox** front or rear input multi-speed gearbox
 - SC type: PTO speeds of 540/1000rpm
 - G type: integrated gearbox fan running at 1000rpm (See PTO/RPM on the specification table below for rotor speeds).
- ② **PTO Shaft** 1 3/8", 6 spline tractor side yoke.
 - SC type: slip clutch protected
 - G type: cam clutch protected

③ **Side Gear Drive** heavy duty gear drive running in a sealed oil bath to give constant lubrication during work (synthetic oil on G type).



④ **Linkage Mounting** three point swinging hitches allow the machine to follow the contours on undulating ground.

- SC type: universal CAT II/III
- G type: universal CAT III/IV

⑤ **Safety Guards** CE safety guards as standard.

⑥ **Anti Rollover System** the lower spring on the pressure rod is connected to the rear levelling bonnet to prevent the rotary cultivator from rolling over when the machine is being detached from the tractor if the machine is not fitted with a rear roller.



⑦ **Duo-Cone & O-Ring Sealing System** guarantees reliability without the need for maintenance. It is possible to achieve up to 50% longer life from the Duo-Cone system compared to standard systems in the most demanding working environments.

The sealing system is completely water and dust proof, allowing the rotor to work reliably in the dustiest of environments or even immersed in water without any ingress into the rotor and hubs. The rotor is supported by oversized SKF roller bearings.

⑧ **Levelling Bonnet** comes as standard complete with a sprung mechanical rod that puts constant downward pressure on the bonnet and acts as a shock absorber protecting the bonnet from damage, whilst working in stony conditions. (There is a double rear bonnet on G type for a finer finish).

⑨ **Blades** 6 blades per flange ensuring a fine tilth is produced.

⑩ **Adjustable Side Skids** a protective skid on either side of the machine controls the working depth and protects the main transmission cover from wear.



⑪ **Rear Roller Adjuster** depth adjustment.

- SC type: two mechanical adjusters
- G type: hydraulic depth control

Rear Roller Options (See page 15).

Blade Options the SC and G type come with standard blades or with a choice of additional rotor types. (See page 14 for further information).



Barrel Roller Bearings The SC and G type rotary cultivators utilise "BEARING" barrel roller bearings; each bearing has a double rail consisting of two rows of spherical or barrel bearings to cope with heavy workloads and ensure years of trouble-free use. (Up to 30% longer life than traditional bearings).



Add an Air Seeder to a SC type or G type Rotavator and turn it into a Rota-Seeder (see page 14).

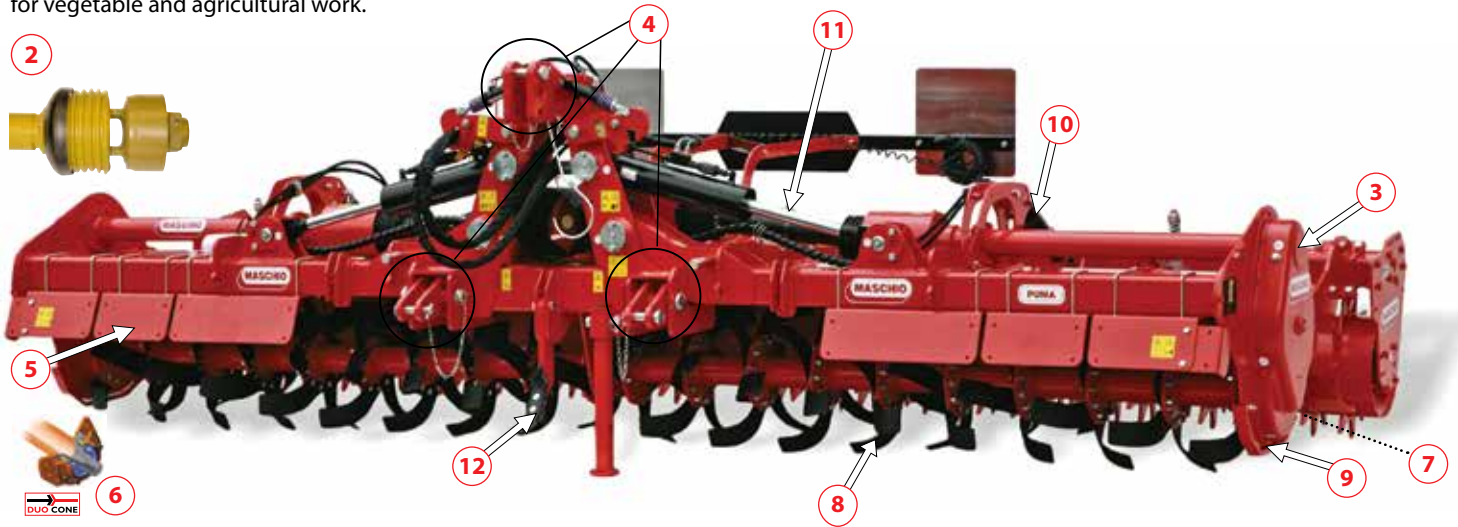
MODEL SPECIFICATIONS

	Models	HP	Working width (m)	Total width (m)	Machine centre cm <- -> cm	No. of blades	Working depth (cm)	Weight (kg)	Weight + Cage (kg)	Weight + Packer (kg)	Side drive	PTO/RPM
SC TYPE	230	90-170	2.35	2.48	117.5<- ->117.5	54	28	900	1115	1202	GEARS	540/133-162-220 1000/181-246-300
	250	100-170	2.6	2.73	130<- ->130	60	28	960	1206	1310	GEARS	540/133-162-220 1000/181-246-300
	280	110-170	2.85	2.98	142.5<- ->142.5	66	28	1030	1297	1393	GEARS	540/133-162-220 1000/181-246-300
	300	130-170	3.1	3.23	155<- ->155	72	28	1100	1371	1498	GEARS	540/133-162-220 1000/181-246-300
G TYPE	275	120-275	2.75	3.00	137<- ->137	66	29	1365	1635	1810	GEARS	1000/161-178-196 1000/216-238-263
	300	150-270	3.1	3.35	155<- ->155	72	29	1450	1735	1930	GEARS	1000/161-178-196 1000/216-238-263
	350	170-270	3.6	3.85	187<- ->187	84	29	1550	1870	2095	GEARS	1000/161-178-196 1000/216-238-263
	420 DT	200-320	4.25	4.60	212<- ->212	96	29	2050	2430	2685	GEARS	1000/161-178-196 1000/216-238-263

HYDRAULIC FOLDING ROTARY CULTIVATORS

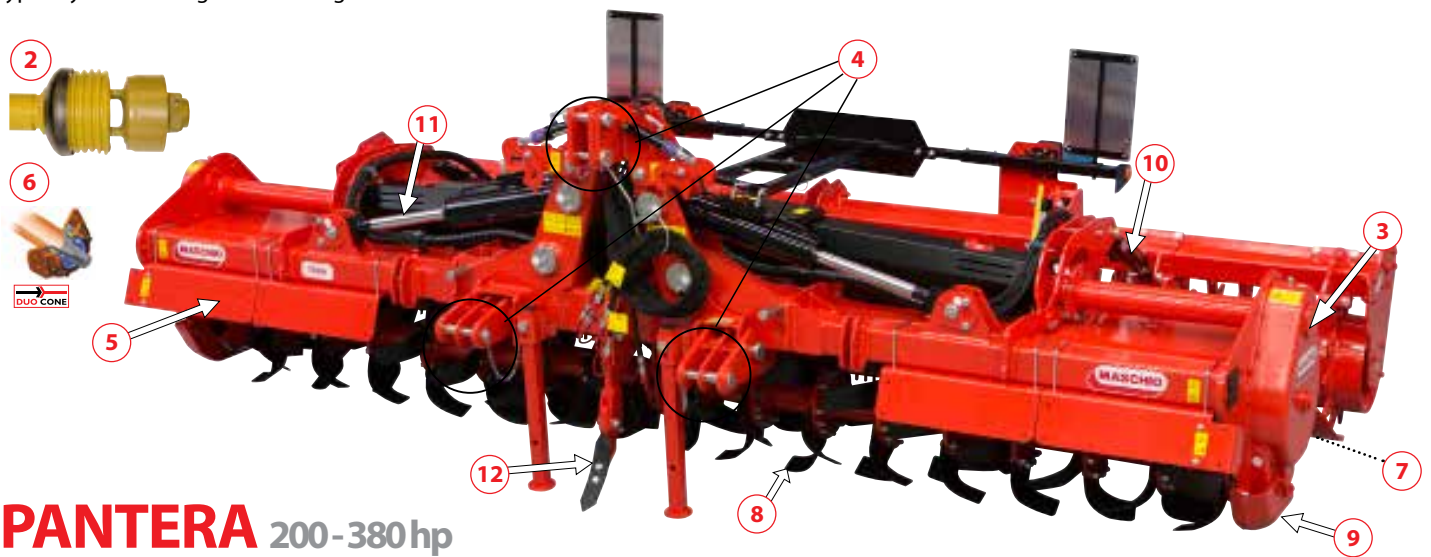
PUMA 120-240hp

"Puma" type Maschio rotary cultivators are designed to work on medium sized agricultural tractors from 120 to 240hp and are typically used for vegetable and agricultural work.



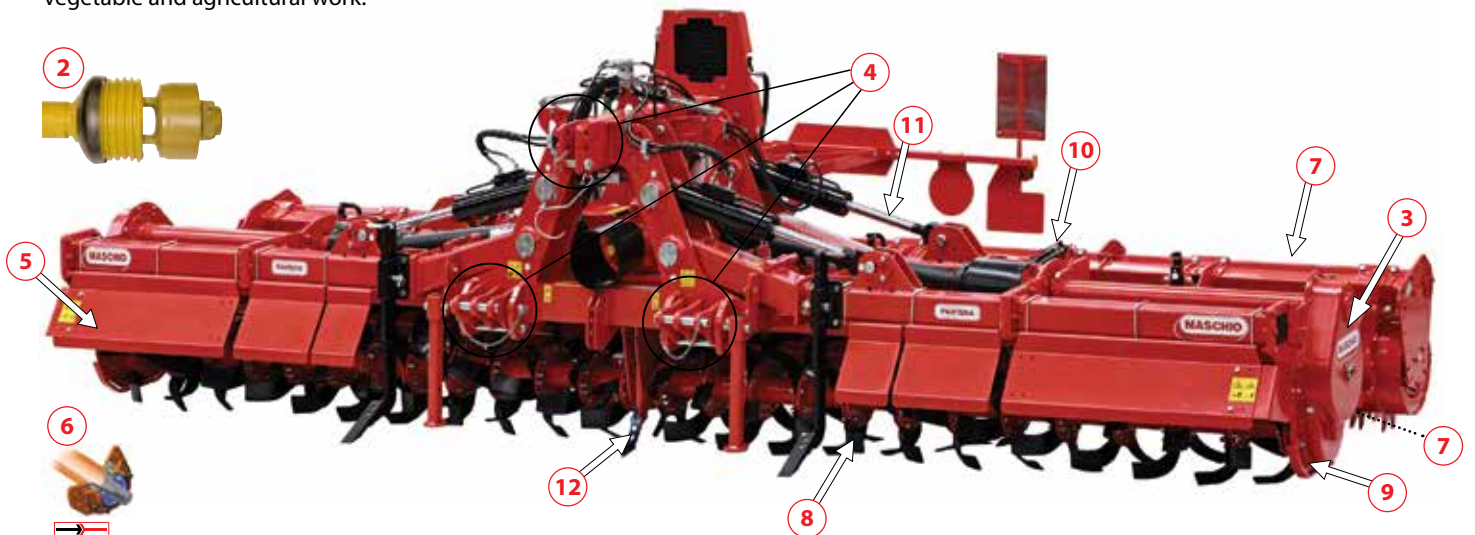
PANTERA L 170-320hp

"Pantera L" type Maschio rotary cultivators are designed to work on medium to large sized agricultural tractors from 170 to 320hp and are typically used for vegetable and agricultural work.



PANTERA 200-380hp

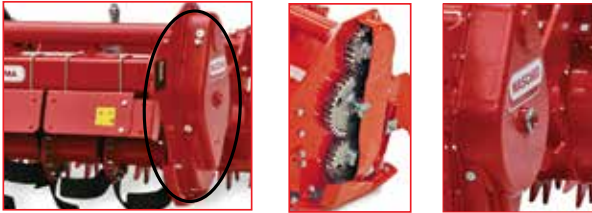
"Pantera" type Maschio rotary cultivators are designed to work on large sized agricultural tractors from 200 to 380hp and are typically used for vegetable and agricultural work.



① **Gearbox** single speed gearboxes come as standard, PUMA, PANTERA L and PANTERA models run at a PTO speed of 1000rpm. (See PTO/RPM on the specification table below).

② **PTO Shaft** with central direct drive and cam clutches on side PTO shafts.
 • PUMA and PANTERA L : 21 spline
 • PANTERA: 20 spline

③ **Side Gear Drive** heavy duty gear drive running in a sealed oil bath to give constant lubrication during work. A shaped ductile steel cover improves oil circulation keeping the gears lubricated for longevity. The shaped cover and seal enables narrower side skids to prevent smearing of the soil.



④ **Linkage Mounting** three point swinging hitches allow the machine to follow the contours on undulating ground.
 • PUMA: universal CAT II, PANTERA L universal CAT II/III
 • PANTERA: universal CAT III/IV, comes with pin locks allowing the machine to be locked to the three point linkage of the tractor.

⑤ **Safety Guards** CE safety guards as standard.

⑥ **Duo-Cone & O-Ring Sealing System** guarantees reliability without the need for maintenance. It is possible to achieve up to 50% longer life from the Duo-Cone system compared to standard systems in the most demanding working environments.

The sealing system is completely water and dust proof, allowing the rotor to work reliably in the dustiest of environments or even immersed in water without any ingress into the rotor and hubs. The rotor is supported by oversized SKF roller bearings.

⑦ **Levelling Bonnet** come as standard (x2) complete with a sprung mechanical rod that puts constant downward pressure on the bonnet and acts as a shock absorber protecting the bonnet from damage, whilst working in stony conditions.

⑧ **Blades** The PUMA, PANTERA L and PANTERA type rotary cultivators have 6 blades per flange ensuring a fine tilth is produced.

⑨ **Adjustable Side Skids** protective skid on either side of the machine controls the working depth and protects the main transmission cover from wear.



⑩ **Rear Roller Adjuster** standard with hydraulic depth adjustment on the rear roller if one is fitted.

⑪ **Hydraulic Folding** hydraulic rams are used to fold for road transportation. The folding system also incorporates an automatic transport lock so there is no need for the driver to leave the tractor cab to unfold.
 • PUMA and PANTERA L: fold to 2.15m
 • PANTERA: folds to 2.63m

⑫ **Central Eradicator** ensures the soil is cultivated between the two folding sections.

Rear Roller Options (See page 15 for more information).

Blade Options both are fitted with standard blades and rotor. Alternative blade and rotor types can be specified at time of ordering.
 PUMA: standard or COBRA blades and rotor
 PANTERA L: standard, COBRA or CONDOR blades and rotor
 PANTERA: standard, COBRA or CONDOR blades and rotor (See page 14 for further information on blade types).



Barrel Roller Bearings each bearing has a double rail consisting of two rows of spherical or barrel bearings to cope with heavy workloads and ensuring years of trouble-free use. (Up to 30% longer life than traditional bearings).



Rear Transport Lights rear lights as standard for safe road transport.

The PANTERA is the base rotary cultivator used by the JANE bed tiller (see page 12).

MODEL SPECIFICATIONS

	Models	HP	Working width (m)	Total width (m)	Machine centre cm <- -> cm	Transport width (m)	No. of blades	Working depth (cm)	Weight + Cage (kg)	Weight + Packer (kg)	Side drive	PTO/RPM
PUMA	320	120-240	3.28	3.53	164<->164	2.15	72	25	2150	2295	GEARS	1000/256 - (345)*
	370	140-240	3.78	4.03	189<->189	2.15	84	25	2520	2485	GEARS	1000/256 - (345)*
	420	160-240	4.28	4.53	214<->214	2.15	96	25	2490	2685	GEARS	1000/256 - (345)*
	470	180-240	4.78	5.00	239<->239	2.15	108	25	2730	2965	GEARS	1000/256 - (345)*
PANTERA L	370	170-320	3.76	4.10	188<->188	2.15	84	27	2715	2980	GEARS	1000/258 - (330)*
	420	190-320	4.26	4.60	213<->213	2.15	96	27	2915	3190	GEARS	1000/258 - (330)*
	470	210-320	4.78	5.10	238<->238	2.15	108	27	3095	3390	GEARS	1000/258 - (330)*
PANTERA	420	200-380	4.28	4.58	214<->214	2.63	96	29	3200	3560	GEARS	1000/258
	470	220-380	4.78	5.08	239<->239	2.63	108	29	3480	3780	GEARS	1000/258
	520	240-380	5.28	5.58	264<->264	2.63	120	29	3720	4050	GEARS	1000/258
	570	260-380	5.78	6.08	289<->289	2.63	132	29	3970	4330	GEARS	1000/258
	620	280-380	6.28	6.60	314<->314	2.63	144	29	4250	4640	GEARS	1000/258

*1000/345 RPM Gearbox available for PUMA model on request. 1000/330 RPM Gearbox available for PANTERA L model on request.

OPTIONS - ACCESSORIES



COUNTER FLANGES



SIDE DISC



6 BLADES PER FLANGE



PAIR OF DEPTH WHEELS



TRACK ERADICATORS



HYDRAULIC ROLLER ADJUSTMENT



ANTI CLOGGING DEVICE



QUICK FIT BLADES

	W TYPE	A TYPE	U TYPE	C TYPE	S CTYPE	G TYPE	PUMA	PANTERA L	PANTERA
COUNTER FLANGES				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SIDE DISCS				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
6 BLADES PER FLANGE	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
PAIR OF DEPTH WHEELS		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
TRACK ERADICATORS			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HYDRAULIC ROLLER ADJUSTMENT				<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
ANTI CLOGGING DEVICE						<input type="radio"/>		<input type="radio"/>	
QUICK FIT BLADES						<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
TUNGSTEN COATED STANDARD BLADES						<input type="radio"/>		<input type="radio"/>	<input type="radio"/>

STANDARD ● OPTIONAL ○



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JANE BED TILLER



JANE 200-380hp

Designed to meet the demands of medium to large farms, the Jane Bed Tiller is the latest evolution of the Maschio rotavator, targeting root crop, vegetable, fruit and flower growers to intensively till soils and form beds prior to establishment of the crop. It is ideal for forming seedbeds for vegetable plants, both in greenhouses and in the open field.

The Jane is based around Maschio's range-topping PANTERA rotary cultivator (see page 10 -11) and is designed for use on high horsepower tractors (between 200-380hp) in arduous conditions. The robust double 'A' frame headstock, heavily built chassis and twin folding rams come into their own when the Jane is used for bed forming. They ensure the working sections of the machine are held precisely in place and allow firm downward pressure to be exerted by the machine's rear hoods to create the beds.

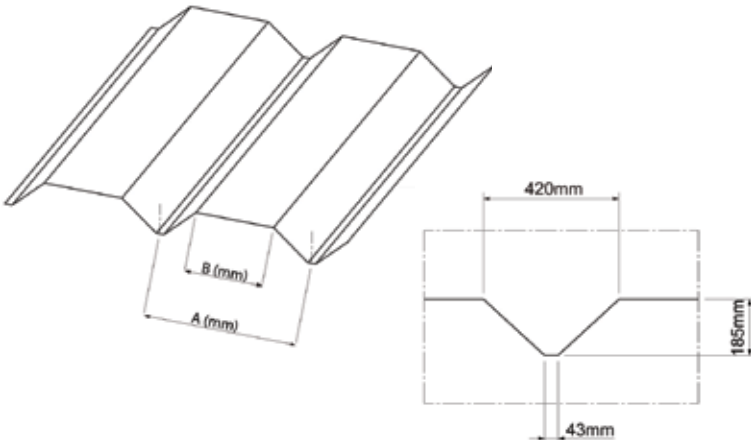
The maximum working depth of the Jane is 27cm and depth is adjusted by means of a series of adjustable rods located on the rear of the bed forming hood, thus ensuring that the resulting shape and depth of the bed formed are constant during the pass.

The Jane bed tiller is offered in a range of working widths from 4.28m to 6.28m.



① **Pantera Body** (see page 10 - 11) for PANTERA rotary cultivator features.

② **Bed Forming Wedge Kits** the width of the beds produced is specified at the time of order but can be adjusted by removing or fitting additional wedge kits as necessary. It can be specified to form 3, 4, 6 or 8 beds by adjusting the wedge bed formers, which gives a range of bed widths between 130mm (8 bed, 420 model) and 1680mm (3 bed, 620 model). (See table below).



③ **Adjustable Pressure Rods** keep the shape and depth of the bed constant during the pass.

BED FORMING WEDGE KITS

Models	3 Wedges	4 Wedges	5 Wedges	6 Wedges
420	A: 1400 mm, B: 980 mm	A: 1100 mm, B: 680 mm	A: 700 mm, B: 280 mm	A: 550 mm, B: 130 mm
470	A: 1600 mm, B: 1180 mm	A: 1200 mm, B: 780 mm	A: 800 mm, B: 380 mm	A: 600 mm, B: 130 mm
520	A: 1800 mm, B: 1380 mm	A: 1300 mm, B: 880 mm	A: 900 mm, B: 480 mm	A: 650 mm, B: 230 mm
570	A: 1900 mm, B: 1530 mm	A: 1400 mm, B: 980 mm	A: 950 mm, B: 530 mm	A: 710 mm, B: 290 mm
600	A: 2000 mm, B: 1580 mm	A: 1500 mm, B: 1080 mm	A: 1000 mm, B: 580 mm	A: 750 mm, B: 330 mm
620	A: 2100 mm, B: 1680 mm	A: 1550 mm, B: 1130 mm	A: 1050 mm, B: 630 mm	A: 800 mm, B: 380 mm

SPECIFICATIONS

Models	HP	Working width (m)	Total width (m)	Machine centre cm <- -> cm	Transport width (m)	No. of blades	Max working depth (cm)	Weight	Side drive	PTO/RPM
420	200-380	4.28	4.58	214<- ->214	2.63	96	27	2870	GEARS	1000/258
470	220-380	4.78	5.08	239<- ->239	2.63	108	27	3010	GEARS	1000/258
520	240-380	5.28	5.58	264<- ->264	2.63	120	27	3200	GEARS	1000/258
570	260-380	5.78	6.08	289<- ->289	2.63	132	27	3440	GEARS	1000/258
600	280-380	6.08	6.32	300<- ->300	2.63	144	27	3600	GEARS	1000/258
620	280-380	6.28	6.60	314<- ->314	2.63	144	27	3700	GEARS	1000/258

ADD AN AIR SEEDER...

and turn your rotary cultivator into a Rota-Seeder.

The Maschio Rota-Seeder enables one-pass seeding on land unsuitable for ploughing, i.e. where soils are shallow or stony. The combination of a Maschio rotavator fitted with appropriate blades to create a shallow tilth, together with an air seeder allows rota-seeding straight into burnt-off leys or stubble. A lower cost option than a traditional plough system that also provides an alternative in catchy weather.



For each Rota-Seeder, the choice of rotary cultivator (C type, SC type or G type) and blade design are selected according to the ground conditions in which it will be working, and the available tractor hp. In addition to the standard blades both the Cobra, with its high number of vertical blades ensures a good tilth in hard dry conditions, and the Condor, with its aggressive steel spikes with wide staggered placement for stony soils, are available (see below).

OPTIONS - BLADES

READY FOR ANY CHALLENGE

An important feature of the MASCHIO rotary tillers is their versatility and ability to adapt. With an extensive range of blades to choose from, farmers will always find the right answer to their tillage needs.

STANDARD



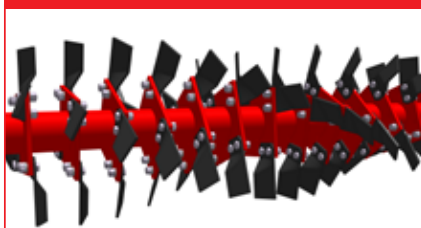
UNIVERSAL USE

The Standard blade rotor can accommodate 2 types of blades, C-shaped and L-shaped, designed for ultimate soil finishing and working crop residue into the ground.



Blades are arranged helically around the rotor, resulting in the blades entering the soil progressively and thus reducing power requirement.

COBRA



HARD DRY SOILS

The Cobra blade is used for work in hard, dry conditions, following ploughing or on compact soil.

The closely packed blades on the rotor ensure clods are broken down perfectly to a fine tilth, creating an excellent seedbed.

(Available on SC, PUMA, PANTERA L, PANTERA).

CONDOR



STONY GROUND

The Condor blade caters to the requirements of all those farmers dealing with very stony ground as the special shape of the tools prevents the sort of damage the blades would normally be exposed to, minimising the downtime that comes with replacing broken blades.

(Available on SC, G, PANTERA L, PANTERA).

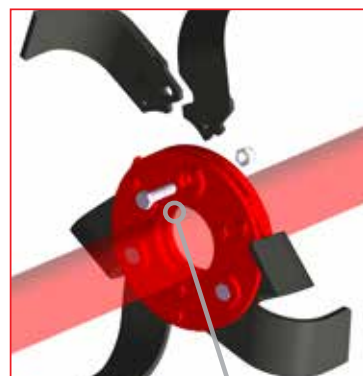
QUICK RELEASE BLADES - A PERFECT FIT

The patented MASCHIO quick-release system allows you to replace blades in a quarter of the time it would take using the classic twin-bolt release system.

The system works by having two blades slotted together and held in place with two reinforced counter-flanges. Thus, the first blade will have a bolt for its release while the second, slotted into the first, cannot move until the first blade is released. This means just one bolt needs to be released to remove 2 blades.



Available on models:
G, PANTERA L, PANTERA AND JANE



1 bolt for 2 blades

The job of replacing the blades is speeded up as it involves releasing just one bolt.

Standard
12 bolts



Quick-fit
3 bolts



REAR ROLLER

The right roller every time...

The purpose of a rear roller is to consolidate the seedbed for future operations, to ensure moisture retention and to promote speedy residue breakdown. On larger machines, the roller becomes a must-have component for maintaining a consistent working depth.



CAGE ROLLER

Ø 370 mm – 450mm – 550mm

Used on soil with a medium consistency and when moisture conditions are not excessive. Ensures optimal consolidation without producing an overly fine surface to prevent the risk of capping.



PACKER ROLLER

Ø 450mm – 500mm – 600mm

The toothed packer roller works well breaking up any remaining surface clods and at the same time leaving an excellent finish ready for seeding. This roller also comes with TUNGSTEN coated scrapers as standard.



PNEUMATIC REAR WHEEL KIT

The pneumatic wheel kit allows the rotary cultivators the ability to work at shallow depths and to incorporate the top surface of soil with plant residue. Mostly used prior to deeper cultivation for cover crops or residue vegetable land.

- 2 wheel option for rigid machines
- 4 wheel option for hydraulic machines



ROLLER & PNEUMATIC REAR WHEEL KIT APPLICATIONS

	Model	W TYPE	A TYPE	U TYPE	C TYPE	S C TYPE	G TYPE	PUMA	PANTERA L	PANTERA
CAGE ROLLER	370	N/A	N/A	●						
	450	N/A	N/A	●	●	●	●	●	●	●
	550	N/A	N/A				●		●	●
PACKER ROLLER	450	N/A	N/A	●	●	●				
	500	N/A	N/A				●	●	●	●
	600	N/A	N/A				●			●
REAR WHEEL KIT	2 wheel	N/A	N/A		●	●				
	4 wheel	N/A	N/A					●	●	●