KRM

FLAIL MOWERS

TOP PERFORMANCE

RELIABLE EFFICIENCY

NEXT 0.8m to 2.1m widths

The KRM NEXT is a versatile flail mower for pasture topping, parks and gardens. Low weight and power requirements make the NEXT range of flail mowers ideal for use with a small or compact tractor.

The main rotor bearings are an all-steel construction to cope with impact loading and are mounted inside the rotor to prevent damage from dirt ingress. The standard counter blade ensures all material is shredded prior to being discharged beneath the large diameter rear roller. Skids prevent the hammer blades contacting the ground in uneven working conditions.

Ideal for maintaining long or short grass, for cutting light vegetation and for shredding small woody material, the NEXT model is available with a 2 position fixed headstock or with a hydraulic side shift headstock which can be offset by 400mm (1350 and above only). The NEXT AVANT comes with a double headstock for front and rear mounting which incorporates 400mm of hydraulic offset (1350 and above only).

MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
800	0.80	2250 / 50	3	10	245	20HP
1000	1.00	2250 / 50	3	10	275	20HP
1200	1.20	2250 / 50	3	16	300	20HP
1350	1.35	2250 / 50	3	15	330	20HP
1500	1.50	2250 / 50	3	20	360	30HP
1800	1.80	2250 / 50	3	24	400	40HP
2100	2.10	2250 / 50	4	28	510	40HP

GRIFUS 1.4m to 2.7m widths

The KRM GRIFUS is a heavy duty flail mower for maintaining pastures or for clearing overgrown areas with woody growth and light scrub. Robust construction makes the GRIFUS ideal for every day, versatile use.

As standard, a hydraulic side shift is incorporated to operate the GRIFUS in line with the tractor or offset up to 400mm to work around poles, trees or other obstructions. Shredded material is discharged above the rear roller for unimpeded material flow.

The solid construction of the GRIFUS ensures a long working life with minimal maintenance. The opening to the cutting flails is protected by steel flaps to prevent stones being thrown forward. Side skids help prevent the hammer blades contacting the ground in uneven working conditions.

MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
1400	1.40	2250/50	3	14	480	50 HP
1600	1.60	2250 / 50	3	16	520	50 HP
1800	1.80	2250 / 50	4	18	560	50HP
2100	2.10	2250 / 50	4	22	610	50HP
2300	2.30	2250 / 50	4	24	660	50HP
2500	2.50	2250 / 50	4	26	710	50 HP
2700	2.70	1875 / 41	4	28	760	60HP

ICON

2.3m to 3.0m widths

The KRM ICON is a very heavy duty flail mower for large areas of pasture topping, roadside verges, amenity areas, orchards and bridleways etc. The 600mm hydraulic side shift and compact design allows the ICON to cut close to field boundaries and around obstructions.

The heavy duty construction with double skin protection and steel housed rotor and roller bearings, prevent the risk of accidental damage for long-life reliability and performance. Ideal for grass, rushes, scrub and saplings.

The standard single headstock can be reversed for front mounting, as pictured above. For those regularly using the machine both front and rear mounted, a double headstock is also available. Both arrangements benefit from 600mm of hydraulic side shift for negotiating obstacles. 540/1000 PTO is achieved by reversing the pulleys.

The Icon is able to handle large volumes of material thanks to its efficient design with a tall aperture at the front and the discharge of shredded material over the rear roller.

MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
2300	2.30	2250 / 54	5	24	864	50HP
2500	2.50	1822 / 44	5	26	908	70HP
2700	2.70	1822 / 44	5	28	999	80HP
3000	3.00	1822 / 44	5	32	1088	90HP

UNIKA 2.3m to 3.0m widths

The KRM UNIKA is for farmers and contractors requiring a high capacity, multi-purpose, heavy duty flail mower capable of handling higher volumes of material and is ideal for pasture topping, set-aside, verge mowing or for the maintenance of field margins.

The Unika is double skinned and the inner skin is a replaceable, bolt in wear and tear sheet. This increases the service life of the machine and prevents damage to the outer skin from stones and other foreign objects. The 150mm deep opening to the cutting flails is protected by steel flaps to prevent stones being thrown forward.

The bolt on headstock can be positioned at the front or rear of the Unika to allow either front or rear mounted operation, alternatively a double headstock is available. The heavy duty headstock incorporates hydraulic side shift to offset up to 500mm to aid cutting around obstacles.

MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
2300	2.30	1875 / 60	5	24	887	65 HP
2500	2.30	1875 / 60	5	26	926	75 HP
2700	2.70	1875 / 60	5	28	968	85HP
3000	3.00	1875 / 60	5	32	1075	95HP

AGILA

5m width

The KRM AGILA is a 5m hydraulic folding flail mower which can be quipped with either castor wheels or a rear roller. This extra heavy duty flail mower for farmers and contractors with large areas to cover. This multi-purpose machine can handle large volumes of material making it ideal for a variety of tasks.

To ensure a clean cut with no misses between the two halves of the machine, the end plates are smooth allowing them to sit flat together. A small dividing blade pushes material to either side.

Two hydraulic cylinders fold the wings to a transport width of 2.5m. Latches lock the wings in the transport position and are automatically released when unfolding to the work position. The wings can be set ridged or floating, allowing them to follow the contours of the ground.

MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
5000	5.00	2039 / 66	5+5	52	1830	120 HP

WIND / KRONOS 2.7m to 6.4m widths

The WIND and KRONOS are extra heavy duty flail mowers for farmers and contractors with large areas to cover. Tractor mounted with rear castor wheels or rollers for topping height control. Universal Y cutting blades with integral “ventilation” blade to lift material for an overall clean cut. Ideal for large areas or high volumes of material when green or organic crop mulching, set-aside mowing, pasture topping, straw chopping and can be used for stripped straw, rape stubble and maize stubble etc.

On hydraulic folding models, two cylinders fold the left and right wings to a transport width of 2.5m. Latches lock the wings in the transport position and are automatically released when unfolding to the work position. Castor wheels or a full width roller can be specified.

MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Y-Blades	Weight (kg)	Tractor size
WIND 2700	2.70	2058 / 72	6	56	1326	70-180 HP
WIND 3200	3.20	2058 / 72	6	68	1441	80-180 HP
WIND 3600	3.60	1744 / 61	6	80	1566	90-180 HP
WIND 4000	4.00	1744 / 61	6	88	1671	100-180HP
KRONOS 6000 Folding	6.00	1985 / 67	5+5	136	3250	150-180HP

SPRINTER 2.8m width

The KRM SPRINTER is a 2.8m front mounted topper that can be used alone, or in combination with a rear mounted unit such as the TLF, MASTER SUPER or SPRINTER 8500P. The 2800mm wide head provides an overlap with the rear machine (175mm in the case of the SPRINTER 8500P) to prevent any misses when deviating from a straight path.

Unlike other front mounted Flail Mowers, the Sprinter 2800 is pulled rather than pushed. The front headstock arches over the flail head and attaches at the front, allowing the machine to float in slots over uneven ground for a precise cutting height.

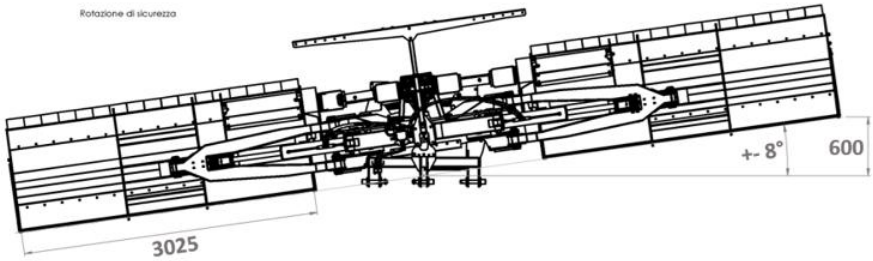
MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
2800	2.80	1875 / 60	5	28	1075	95HP

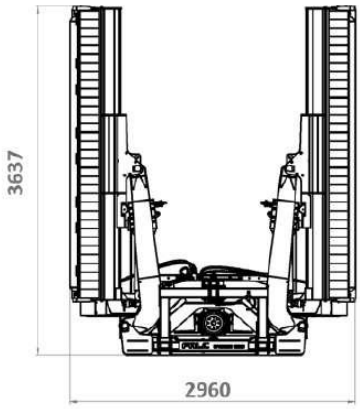
SPRINTER

8.5m width

The KRM SPRINTER 8500/P is the rear unit of a multi purpose combined shredder. A central frame carries the two 3m Flail heads and allows them to contour follow and break back. Aimed at farmers and contractors requiring a high capacity, robust machine suitable for set aside, pasture topping and the maintenance of field margins.

The Sprinter 8500/P is equipped with a crossbow safety system that absorbs knocks from struck obstacles, allowing an oscillation up to 8 degrees then automatically returning to its working position once past the obstacle.





The 8500/P hydraulically folds to aid safe transport to a width of 3m and a height of 3.8m. The newly designed double locking catch minimises movement when on the road by securing both the folding arms of the machine and the articulating flail heads with an integrated double lock system.

MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
8500	3.25 + 3.25	1875 / 60	5+5	32 + 32	3100	200HP

MASTER SPECIAL 1.6m to 2.1m widths

The KRM MASTER SPECIAL offsets to the right by either 1380mm or 1780mm and has been developed for use with smaller tractors.

Designed for smaller tractors with reduced wight n the cutting head thanks to lighter flails and single skin construction. Models with 1780mm offset come with a double wide angle PTO shaft as standard. The mechanical breakback system protects the machine if a foreign object is struck.

MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
1600	1.60	2250 / 54	4	22	600	50 - 60HP
1800	1.80	2250 / 54	4	24	620	60 - 70HP
2100	2.10	2250 / 54	4	28	660	70- 80HP

MASTER 1.6m to 2.1m widths

Machines in the KRM MASTER range all have the same offset of 1380mm and can be specified as left or right-handed.

Many farmers find a right-handed unit more convenient and natural to operate, while verge mowing contactors require a left-handed machine to travel with the traffic.

A simple mechanical break back system protects the machine and automatically returns the machine to work once an obstruction is passed.

Shredded material is discharged over the rear roller. Allowing large volumes of material to be handled.

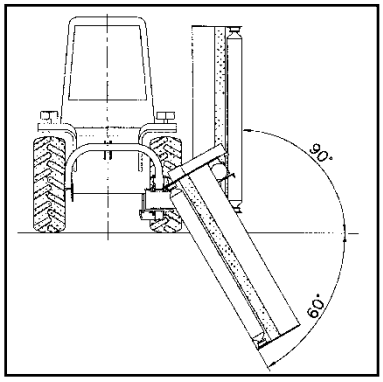
MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
1600	1.60	2250 / 54	4	16	750	80 - 90HP
1800	1.80	2250 / 54	4	18	790	80-100HP
2100	2.10	2250 / 54	4	22	900	90 – 120 HP

MASTER SUPER 1.6m to 2.5m widths

Specially designed for heavy use, the MASTER SUPER flail can be operated in line with the tractor or offset for verge maintenance and field borders.

The Master Super range is available right or left-handed and can be specified with spring or mechanical break back protection.

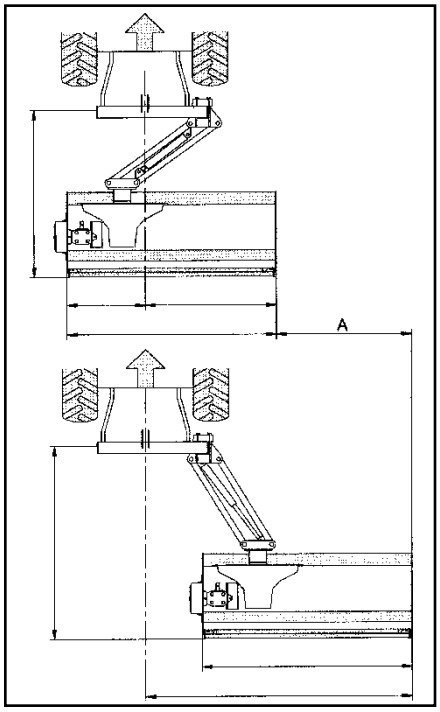
The pivoting head has a full width roller to follow ground contours and can be operated from below horizontal for banks or ditch sides, to vertical to trim overhanging hedges or small trees. A safety break-back mechanism is incorporated into the headstock to prevent damage if an obstacle is struck.



The MASTER SUPER offers an extra 400mm side shift to move the full flail head outside the tractor width, for safety, when working on soft banks or ditch sides, keeping the tractor on firm land. A double wide angle PTO shaft ensures positive, smooth drive at maximum offset or angle.

MASTER : A = 1380mm

MASTER SUPER : A = 1780mm



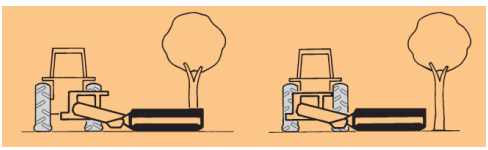
MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
1600	1.60	2250 / 54	4	16	900	80HP
1800	1.80	2250 / 54	4	18	980	80HP
2100	2.10	2250 / 54	4	22	1030	90HP
2500	2.50	2250 / 54	4	26	1180	100HP

TLF

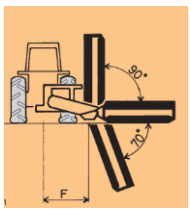
1.6m to 2.5m widths

The KRM TLF is a highly versatile range that can be specified front or rear mounted and right or left-handed making it suitable for many applications.

The TLF is a fully offset, heavy duty verge mower for the professional. Universal cutting flails are suitable for grass, brambles, saplings etc. As an option, a chain link grass flail can be supplied. A spring break back system is incorporated to prevent damage should an obstacle be encountered. The cutting head can be angled to suit the terrain and incorporates a gas accumulator to accurately follow the ground. Front or rear, right or left-handed and 540 or 1000 PTO inputs can all be accommodated.



The TLF range also incorporates 60cm of side shift for easy manoeuvring around obstacles. The head can be operated vertically, through horizontal and down to 70 degrees below.



MODEL	Cut Width m	Rotor rpm Tip m/s	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
1600	1.60	2250 / 54	4	16	990	80HP
2000	2.00	2250 / 54	4	18	1070	90HP
2500	2.50	2250 / 54	4	26	1320	120HP

Solex SPIT GREEN

Designed with orchards and vineyards in mind, the KRM SOLEX SPIT GREEN directs shredded material to the base of the growing crop.

Heavy cast flails propel the shredded material out through the discharge shutes. These can be adjusted to suit the row with either manually or hydraulically from the tractor cab. The machine is suitable for grass growing in the interrow as well as pruning's from the trees, vines or bushes. Once placed at the base of the plant the shredded material will create a mulch, retaining moisture, providing fertilisation and suppressing weeds.

MODEL	Cut Width m	Rotor rpm	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
1500	1.5	2250	4	20	680	70-120HP
1800	1.8	2250	4	24	720	70-120HP

SOLEX

1.5m to 2.1m widths

The KRM SOLEX flail collector can be used for a range of jobs from mowing fine grass on playing fields to parkland, golf courses and conservation areas. These machines are also ideal for the maintenance of overgrown areas including ferns and gorse and the collecting of leaves and horse manure etc.

The Solex range of Flail Collectors is available in widths from 1.5m through to 2.1m and is ideally suited to the maintenance and clearance of larger areas. Fitted with the forged steel hammer flails, the Solex leaves a neat finish of grass whilst also being able to handle high volumes of tougher material.

Material is flail cut to produce an even cut length, and propelled within the machine into an integrated collection bin. Once full, material can be transported within the flail collector away from the cutting area. With a discharge height of over 2m, material can be dropped either in heaps, or conveniently tipped directly into an awaiting trailer.

MODEL	Cut Width m	Rotor rpm	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
Solex 1500	1.50	2250	4	20	970	70HP
Solex 1800	1.80	2250	4	24	1090	80HP
Solex 2100	2.10	2250	4	28	1200	90HP

VORTEX

2.1m widths

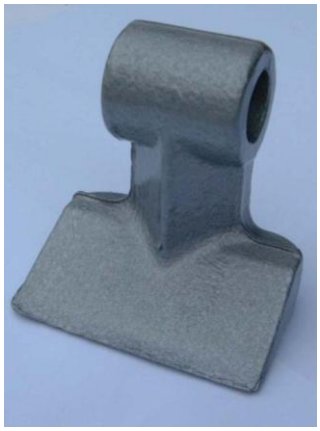
The heavy duty KRM VORTEX flail collector is a 2.1m wide machine and uses bigger heavier flails for clearing the most difficult materials. The Vortex will slice through and remove the heaviest residue including gorse, ferns and even saplings up to 75mm thick.

This high capacity collector has a discharge height of over 2 meters which allows the hopper to be emptied directly into a trailer or for the material to be heaped up. The fine cut of the material aids rapid breakdown and rotting.

With a capacity of 2.33cu.m large amounts of residue can be collected between emptying. Optional extras include front wheels for precise control of the cutting height and front guards to improve ingress of pruning's where a large volume is present.

MODEL	Cut Width m	Rotor rpm	No.of V-Belts	No.of Flails	Weight (kg)	Tractor size from
Vortex 2100	2.10	2268	4	22	1430	100HP

Standard Features



Heavy Duty Hammer Flails for a Clean Cut

Specially developed, forged steel hammer blades are designed to cut fine grass cleanly, yet be robust enough to slice through the heaviest residue . . . even brush or saplings up to 75mm in diameter. A counter blade ensures effective and thorough mulching of the residue. The heavy duty rotor shaft carrying the flails is dynamically balanced to ensure smooth, vibration-free running. Overlap between the flails prevents “misses” and the specially shaped flails, combined with rotor speeds of up to 2250rpm, creates a suction effect for a cleaner cut of laid material.

Powerful Rotor Drive

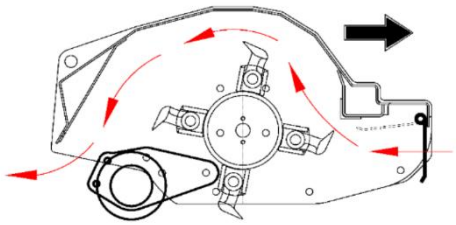
A multi V-belt drive system positively transmits power to the rotor without slip, even in the heaviest residue conditions. The belts act as a safety overload to absorb shock loads when working in the toughest conditions for long-life reliability. An external greasing system is provided for easy greasing of the end rotor bearing, without removing the guard.

Heavy Duty Gearbox

A special gearbox fitted to all KRM Flail Mowers incorporates an internal, maintenance-free overrun clutch for safety protection when switching off the tractor PTO. Double headstock models have two input shafts for a quick change between front and rear mounting.

Large Diameter Rear Roller

Standard on all models is a full width rear roller to accurately follow ground contours. The large 170mm diameter ensures positive rotation in the most difficult terrain. Heavy duty bearings are mounted externally for easy maintenance and to be clear of residue. A simple adjustment of the roller sets the cutting height, and side mounted skids prevent the flails contacting the surface on uneven ground.



Unimpeded Material Flow

The tall mouth at the front of the machine facilitates the entry of large volumes of residue. Shredded material is deposited over the rear roller.

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