

KRM



Flail Collectors

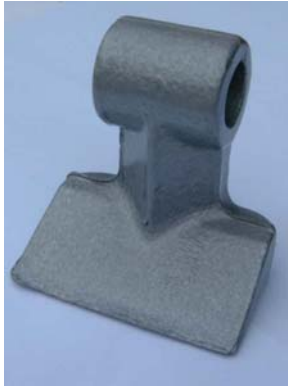
Mowing + Collection in One Pass

Flail Collector

KRM Flail Collectors 1.2m – 2.1m Working Widths

The Flail Collector versatility offers year round use and is ideal for cutting and collecting grass, brambles, pruning's, brush gorse, scrub and for autumn leaf collecting. The Collector range is available in five working widths, and in three model sizes to suit both small and medium sized tractors.

Cutting edge standard features for long life, cost effective performance



Heavy Duty Hammer Flails for a Clean Cut

Specially developed, forged steel hammer blades are designed to cut short, fine grass cleanly, yet be robust enough to slice through the heaviest residue . . . even bush or saplings up to 75mm diameter. The flail design features a self sharpening profile for long life and a clean cutting performance. The heavy duty rotor shaft on which the flails are mounted, is dynamically balanced to ensure smooth, vibration free running. Overlap between flails prevents “misses” and the special shaped flails combined with a rotor speed of up to 2268 rpm, 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, 3 on the Jolly and 4 on the Solex and Vortex. The belts act as a safety overload to absorb shock loads when working in the toughest conditions ensuring long life reliability. An external easy grease system is provided for lubricating the end rotor bearing behind the drive belt.

Heavy Duty Gearbox

The special gearbox fitted to KRM Flail Collectors incorporates an internal, maintenance free overrun clutch for safety protection when switching off the tractor pto.

Full Width Rear Roller

Standard on all KRM flail collectors is a full width rear roller to accurately follow ground contours. The large diameter ensures positive rotation in the most difficult terrain. Heavy duty steel bearings are mounted externally for easy maintenance and to be clear of crop residue. Simple adjustment of the roller sets the cutting height and a full width scraper is incorporated.

Side Skids

Replacement skids at each end of the flail mower prevent damage to the rotor when working in uneven conditions. Optional front wheels can also be added to carry the machine over undulating ground without the risk of scalping the ground.



One pass mowing and collection

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 an over 2m tipping height, material can be dropped either in heaps, or conveniently tipped directly into an awaiting trailer.

The Flail Collector can be used for a range of jobs from mowing fine grass on playing fields, parkland, golf courses and conservation areas etc to maintenance of overgrown areas including ferns and gorse and the collecting of leaves, horse manure etc



The Jolly Range



The Jolly range of flail collectors is available in 1.2, 1.35 and 1.65m working widths and is suitable for use with compact and small agricultural tractors. Fitted as standard with hammer blades, the Jolly offers year round use mowing, shredding, collecting and rolling in one pass. The heavy duty hammer blades ensure a clean cut of grassland, but are robust to handle thistles, gorse, brambles and ferns. For fine mowing of grassland areas, the Jolly Garden has a rotor with paddle flails which create a positive suction effect for a cleaner cut and transfer to the collector. This rotor can also be fitted with scarifying blades to collect and remove thatch and moss and aerate the grass surface.

The Solex Range

The heavy duty Solex range of flail collectors is available in 1.8 and 2.1m widths for the maintenance and clearance of larger areas. Fitted with the forged steel hammer flails, the Solex will slice through and remove the heaviest residue including gorse, ferns and even saplings up to 75mm thick.

The high capacity collector has a discharge height of over 2m for emptying into a trailer or heaps. Fine cut of the material aids rapid breakdown and rotting.



KRM Flail Collector : Technical Specification

Jolly	1200	1350	1650		
Working Width m	1.2	1.3	1.6		
Rotor Speed	1290	1290	1290		
No V Belts	3	3	3		
No Flails	16	18	22		
Weight (kg)	610	650	730		
Tractor Size (hp)	40-70	40-70	40-70		
PTO (rpm)	540	540	540		
Collector m3	0.90	1.00	1.20		
Solex			1500	1800	2100
Working Width m			1.5	1.8	2.1
Rotor Speed			2250	2250	2250
No V Belts			4	4	4
No Flails			20	24	28
Weight (kg)			970	1090	1200
Tractor Size (hp)			70-90	80-90	80-90
PTO (rpm)			540	540	540
Collector m3			1.56	1.86	2.16
Vortex					2100
Working Width m					2.1
Rotor Speed					2268
No V Belts					4
No Flails					22
Weight (kg)					1430
Tractor Size (hp)					100-140
PTO (rpm)					540
Collector m3					2.33

Standard Specification

Heavy duty hammer flails
Full width rear roller
PTO drive
Integral overrun clutch
Skids
High tip collector

Optional Equipment

Front support wheels
Front guide plates
Rear rake
Grass Flail rotor - Jolly
Scarifying Blades - Jolly
Semi Mounted kit - Jolly



For compact and lighter weight tractors the Jolly Semi Mounted kit adds a pair of rear castor wheels to the chassis so the mower is trailed in operation. The kit also incorporates 2 hydraulic rams to raise the collector for emptying, so the full weight of the loaded machine is not the tractor linkage.



Heavy duty steel front guards protect from stones or other material being thrown forward from the rotor and help feed taller material into the high speed rotor.