



Symbol of Perfection

Rotary toppers



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Std. rear mount



Std. front and rear mount



Std. rear mount, front option



Normal topping



Heavier topping



Heavy duty shredding



0,8 kg 'grass' flails



0,8 kg/2,2 kg flails



540 Std. PTO speed



1000 Std. PTO speed

FLAIL TOPPERS AND MOWERS

Compact flail topper Series KP



Our KP series flail toppers are specially designed for topping pastures, green spaces, parks, camping sites, vineyards etc. Their compact but very strong construction allows these machines to work with tractors from 18 kW (25 HP).

All "Perfect" flail toppers are equipped with a full width self cleaning rear roller, placed close to the flail rotor for optimal terrain adjustment and to prevent unwanted ground contact causing unnecessary wear of the flails.

Also available with hydraulic offset feature or as front mounted model with a 540 or 1000 rpm gearbox that accepts either clockwise or anti-clockwise rotation.

Technical specifications		KP-150	KP-180	KP-210	KP-240
Cutting width	cm/ft	150 / 4'11"	180 / 5'11"	210 / 6'11"	240 / 7'11"
PTO speed	cm/ft	540	540	540	540
Flail rotor speed	rpm	2100	2100	2100	2100
*Power requirements, min.	kW/HP	18 / 25	21 / 28	25 / 34	30 / 41
Flails 0,8 kg = 1¾ lb each	qty	16	18	22	24
Overall width	cm/ft	172 / 5'8"	202 / 6'8"	232 / 7'8"	262 / 8'8"
Tractor 3 pt. linkage	cat.	I + II	I + II	I + II	I + II
Weight	kg/lbs	425 / 935	465 / 1025	530 / 1165	605 / 1330
Offset from tractor centreline:					
Fixed linkage (standard)	cm/ft	80 / 2'8"	110 / 3'7"	140 / 4'7"	154 / 5'1"
Hydraulic Side-Shift (optional):					
- minimum	cm/ft	55 / 1'10"	85 / 2'10"	115 / 3'9"	130 / 4'3"
- maximum	cm/ft	105 / 3'6"	135 / 4'5"	165 / 5'5"	180 / 5'11"

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection clutch must be used in case of oversized tractors. The cutting height is available from 4-10 cm (1½" to 3½")

Rear mounted flail mowers • Series KW



KW series flail mowers stand out by a straightforward yet very sturdy construction which makes them particularly suitable for heavier topping, on rough and overgrown land, fallow land etc. The standard configuration includes a headstock for tractor rear mount with manual offset possibility. Hydraulic offset is available as an option.

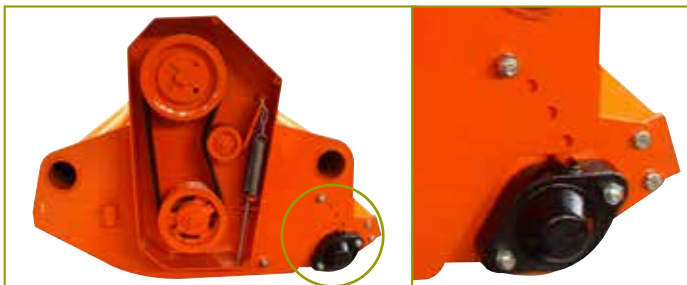
Technical specifications		KW-245	KW-270	KW-300
Cutting width	cm/ft	245 / 8'1"	270 / 8'10"	300 / 9'10"
PTO speed	rpm	540	540	540
Flail rotor speed	rpm	1890	1890	1890
*Power requirements, min. kW/HP		33 / 45	40 / 55	48 / 65
Flails 0,8 kg = 1¾ lb each	qty	24	28	32
Overall width	cm/ft	261 / 8'8"	286 / 9'5"	316 / 10'4"
Tractor 3 pt. linkage	cat.	II	II	II
Weight	kg/lbs	830 / 1825	875 / 1925	920 / 2020
Offset from tractor centreline:				
- minimum	cm/ft	88 / 2'11"	113 / 3'8"	143 / 4'8"
- maximum	cm/ft	135 / 4'5"	160 / 5'3"	190 / 6'3"

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection clutch must be used in case of oversized tractors. The cutting height is available from 4-10 cm (1½" to 3½")



The flail rotor is driven through an oil-bath gearbox. V-belts are kept at the right tension by springloaded automatic belt tensioners. This indirect flexible drive ensures maximum security and requires minimum maintenance.

To protect the bearings of the large diameter rear roller, the bearings are fitted with unique covers to prevent humidity, dust and mud from entering. Standard on all "Perfect" flail mowers.



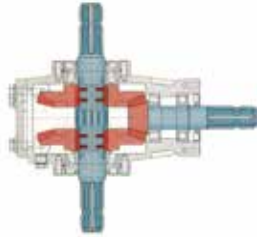
FLAIL TOPPERS AND MOWERS

Front and rear mount • Series KR



KR series flail toppers are fitted with a special headstock that fits both the tractor front- and rear linkage without any transformation.

The standard configuration includes a hydraulic side-shift of 48 cm = 19" and a unique gearbox, that accepts both RH and LH rotation, with integrated overrunning clutch.



Technical specifications		KR-245	KR-270	KR-300
Cutting width	cm/ft	245 / 8'1"	270 / 8'10"	300 / 9'10"
PTO speed	rpm	1000	1000	1000
Flail rotor speed	rpm	1890	1890	1890
*Power requirements, min. kW/HP		33 / 45	40 / 55	48 / 65
Flails 0,8 kg = 1¾ lb each	qty	24	28	32
Overall width	cm/ft	261 / 8'8"	286 / 9'5"	316 / 10'4"
Tractor 3 pt. linkage	cat.	II	II	II
Weight	kg/lbs	930 / 2045	975 / 2150	1020 / 2245
Hydr. offset from tractor centreline:				
- minimum	cm/ft	88 / 2'11"	113 / 3'8"	143 / 4'8"
- maximum	cm/ft	135 / 4'5"	160 / 5'3"	190 / 6'3"

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection clutch must be used in case of oversized tractors. The cutting height is available from 4-10 cm (1½" to 3½")



Heavy duty front and rear mount • Series KM



The KM heavy duty front and rear mount flail topper is fitted with an extra strong universal headstock.

Its versatility in combination with its robust construction makes the KM an ideal and reliable choice for professional farmers, councils, leasers, contractors and other mixed tractor fleet owners.

A hydraulic side-shift of 57 cm = 22" is standard, as well as the unique gearbox, that accepts both RH and LH rotation, with integrated overrunning clutch.

Interchangeable wearing plates in the sliding sections of the headstock ensure long life and minimal maintenance.

2,2 kg (5 lb) heavy duty flails, wich are less sensitive for obstructions are optionally available



Technical specifications		KM-220	KM-245	KM-270	KM-300
Cutting width	cm/ft	220 / 7'3"	245 / 8'1"	270 / 8'10"	300 / 9'10"
PTO speed	cm/ft	1000	1000	1000	1000
Flail rotor speed	rpm	1850	1850	1850	1850
*Power requirements, minimal	kW/HP	35 / 48	40 / 55	48 / 65	55 / 75
Flails - standard 0,8 kg = 1¾ lb each	qty	22	24	28	32
- option 2,2 kg = 5 lb each	qty	12	16	16	18
Overall width	cm/ft	247 / 8'1"	272 / 8'11"	297 / 9'9"	327 / 10'9"
Tractor 3 pt. linkage	cat.	II	II	II	II
Weight	kg/lbs	1000 / 2200	1030 / 2270	1120 / 2465	1200 / 2640
Hydr. offset from tractor centreline:					
- minimum	cm/ft	91 / 3'0"	116 / 3'10"	141 / 4'7"	123 / 4'1"
- maximum	cm/ft	148 / 4'9"	173 / 5'9"	198 / 6'6"	180 / 5'11"

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection must be used in case of oversized tractors
The cutting height is adjustable from 4 to 14 cm (1½" to 5½")



FLAIL TOPPERS AND MOWERS

Heavy duty flail topper • Series KT



Our KT heavy duty flail topplers have a more spacious and heavier body to deal with longer and/or more dense vegetation in fallow land and set-aside land, for cornstalks etc.

These machines are intended for the professional customer who needs a versatile and reliable implement that provides an excellent performance, even under heavier conditions, at very low maintenance costs.

An easily adjustable rear hood is standard. Its different positions vary the degree of debris mulching against the comb section counter knives.

For use under the toughest conditions, for example stony terrains, universal 2,2 kg/5 lbs heavy duty flails are available as an option.



Technical specifications		KT-245	KT-270	KT-300	KT2-320
Cutting width	cm/ft	245 / 8'1"	270 / 8'10"	300 / 9'10"	320 / 10'6"
PTO speed	cm/ft	1000	1000	1000	1000
Flail rotor speed	rpm	2100	2100	2100	1750
*Power requirements, minimal	kW/HP	40 / 55	48 / 65	55 / 75	62 / 85
Flails - standard 0,8 kg = 1¾ lb each	qty	24	28	32	32
- option 2,2 kg = 5 lb each	qty	16	16	20	20
Overall width	cm/ft	274 / 8'12"	299 / 9'10"	329 / 10'10"	349 / 11'6"
Tractor 3 pt. linkage: std.	cat.	II	II	II	II
Weight	kg/lbs	900 / 1980	970 / 2135	1030 / 2265	1095 / 2415
Offset from tractor centreline:					
Fixed linkage (standard)	cm/ft	143 / 4'8"	168 / 5'6"	150 / 4'11"	160 / 5'3"
Manual or Hydr. Side-Shift (optional):					
- minimum	cm/ft	115 / 3'9"	140 / 4'7"	122 / 4'0"	132 / 4'4"
- maximum	cm/ft	172 / 5'8"	197 / 6'6"	180 / 5'11"	190 / 6'3"



KT front mount

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection must be used in case of oversized tractors. The cutting height is adjustable from 4 to 10 cm (1½" to 4").

Optional extras

Parallelogram-offset

Instead of the standard fixed headstock our KT flail topplers are also available with a parallelogram that allows for 64 cm = 25" manual or hydraulic offset adjustment.

Optional on series KT.



Wheels

For certain applications the standard full width rear roller can be replaced by 2, 3 or 4 wheels 6.00 x 9 with pneumatic tyres.

Optional on series KT.



Pulled front linkage

The unique cantilever design of the parallelogram-type headstock enables the front mounted version of our "Perfect" KT topplers to be pulled rather than pushed. This protects the machine and provides a full flotation effect. By reversing the headstock the front mounted models can also be used as rear mounted machines. Manual offset is standard; hydraulic offset optional extra. Both 540 or 1000 rpm of tractor pto can be accommodated in clockwise as well as anti-clockwise rotations.

Optional on series KT.



LARGE SURFACE FLAIL TOPPERS

Variable width flail mower • Model NX-460



The overlap between the two flail mowers is easily and accurately varied by means of hydraulic cylinders. The total working width is adjustable from 290 cm (9'7") to 460 cm (15'1").



Gearboxes with spiral toothed gears and four V-belts (each mower) assure an indirect flexible drive with maximum security and minimum maintenance. Two PTO shafts, one double wide-angle and one with overrunning clutch ensure an efficient power transmission towards the mower units.



The "Perfect" NX-460 is a unique mowing device, consisting of a reinforced trailed frame section holding two flail choppers with a working width of 240 cm (7'11") each.

Its large working width and the standard 2,2 kg universal flails make this machine the ideal tool for chopping corn/sunflower stalks, rapeseed residues and other types of plant residues up to a diameter of 8 cm (3¼"). For an excellent result in parks and other green spaces this machine can be supplied with 0.8 kg / 1¾" flails.

Technical specifications		NX-460
Working width min.	cm/inch	290 / 9'6"
Working width max.	cm/inch	460 / 15'1"
Flail rotor speed	rpm	2100
*Power requirement (at 540 rpm), min.	kW/hp	81 / 105
Flails 2,2 kg = 5 lbs (0,8 kg = 1¾ lbs)	qty	32 (48)
Cutting height	cm/inch	4-10 / 1½-4"
Tractor hydraulics required		3 x double acting valve
Wheels	size	ø 515 mm B = 250 mm
Weight	kg/lbs	1950 / 4290

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection must be used in case of oversized tractors



The two flail mower units are attached to the frame with an ingenious mechanism, enabling both units to adjust flexibly and independently to the terrain contours.



For excellent handling and road transport the standard machine is equipped with an articulated drawbar. Hydraulic steering is available (option) for specific applications; this feature gives an important reduction of the turning radius.



LARGE SURFACE FLAIL TOPPERS

Triple flail topper Model KX-860



The KX-860 large surface flail topper has been specifically designed for cost-effective working of large surfaces. This very strong machine chops corn/sunflower stalks, shreds green manures, clears heavily overgrown land and so on.



Two heavy-duty mowing heads are mounted on a special frame which allows them to follow the ground contours independently.

The central mower can be mounted in the front lift or on the frame that holds the two side mowers.

The combination of 2 side mowers of 3m20 (10'6") each, and one mower of 2m70 (8'10"), results in a total cutting width of 8m60 (28'0") with a generous overlap. For maximum security the two side mowers are driven through 5-fold Powerbelts which are automatically kept at the right tension.

Available as rear mount, front- and rear mount, front mount 'pushed version' (reverse seat tractors or self propelled vehicles) or as a trailed version.



Standard configuration:

- 3 Heavy-duty "Perfect" flail mowers
- Extra strong electronically balanced vibration-free flail rotors - with large diameter and wall thickness
- 2,2 kg / 5 lbs universal flails
- Rear rollers with large diameter and unique covers over the rear roller bearings
- Side mowers hydraulically folded for transport
- Universal centre mower for use in front linkage or on the special frame frame between the two side mowers

Options

Trailed version with hydraulic or pneumatic brakes.

For road transport the two side mowers are hydraulically folded.

The unique frame construction limits the transport height to 4,0 m (13'2").



Technical specifications		KX-860
Total cutting width	cm/ft	860 / 28'0"
*Power requirements, min.	kW/HP	185 / 250
PTO speed	rpm	1000
Transport width	cm/ft	296 / 9'9"
Flails 2,2 kg = 5 lb each	qty	56
Tractor 3 pt. linkage	cat.	III / IV
Weight (3 pt. version)	kg/lbs	4130 / 9086
Weight (trailed version)	kg/lbs	5100 / 11220
Transport height (3 pt. version)	cm/ft	390 / 12'10"
Transport height (trailed version)	cm/ft	400 / 13'2"

*Power requirements depend entirely on the type of work.
The cutting height is adjustable from 4 to 10 cm (1 1/2" to 4").

Multi mowers • Series ZW



ZW multi mowers have a hydraulic offset possibility of 165 cm / 5'5" (front models 110 cm / 3'7") and can work both partially behind the tractor and fully offset. The working range of the cutting head is hydraulically adjustable from +90° to -60°.

This mower is ideal for topping, estate maintenance, field borders, ditches, embankments, hedges etc., cutting around trees and other obstacles on the verge with minimum tractor road width required because of the large offset.

The 0,8 kg (1¾ lb) special flails with single cutting edges ensure clean and finest cut of grass, rushes, reed stems, pruning etc. up to 3 cm (1½").

The clever location of the gearbox and the cutting head joint allows for maximum use of the cutting width in any working position. The reliable, powerful and flexible drive system includes a heavy oilbath gearbox and 3 or 4 V-belts.



Technical specifications		ZW-150	ZW-180	ZW-210	ZW-240
Cutting width	cm/ft	150 / 4'11"	180 / 5'11"	210 / 6'11"	240 / 7'11"
PTO speed	cm/ft	540	540	540	540
Flail rotor speed	rpm	2075	2075	2075	2010
*Power requirements, minimal	kW/HP	37 / 50	44 / 60	51 / 70	59 / 80
Flails - 0,8 kg = 1¾ lb each	qty	16	18	22	24
Overall transport width	cm/ft	140 / 4'7"	140 / 4'7"	140 / 4'7"	140 / 4'7"
Tractor 3 pt. linkage	cat.	II	II	II	II
Weight	kg/lbs	735 / 1620	780 / 1720	825 / 1820	900 / 1985
Hydr. offset from tractor centreline:					
- minimum	cm/ft	90 / 2'11"	120 / 3'11"	150 / 4'11"	180 / 5'11"
- maximum	cm/ft	255 / 8'4"	285 / 9'4"	315 / 10'4"	345 / 11'4"
Hydr. offset from centreline (front models)					
- minimum	cm/ft	115 / 3'9"	145 / 4'9"	175 / 5'9"	205 / 6'9"
- maximum	cm/ft	225 / 7'5"	255 / 8'5"	285 / 9'5"	315 / 11'6"

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection must be used in case of oversized tractors
The cutting height is adjustable from 5 to 11 cm (2" to 4")



The main body of the cutting head is fitted with a twin skin metal plate construction for utmost security and durability.

"Perfect" has designed a special heavy-duty headstock with reinforcements at key points and offset device to transmit the weight of the cutting head to the tractor.



The headstock incorporates a shearbolt protected safety breakaway system that allows the cutting head to pivot clear and reset automatically in case of a collision.

All "Perfect" multi mowers are also available as front mounted or left hand models.

Verge mowers • Series ZF2



The ZF2 is a very robust professional articular offset flail mower, designed specifically for the maintenance of roadside verges, embankments, ditch sides etc.

The pto power is transmitted to the flail rotor through a 5-fold power belt, which is automatically kept at the right tension. A flexible coupler eliminates peak strokes on the drive system.

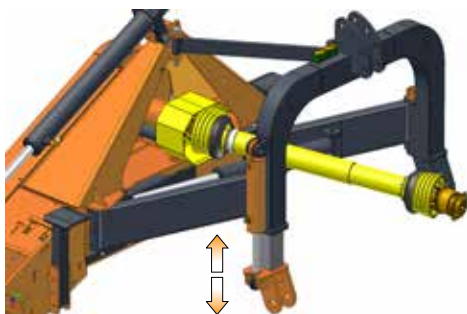
Its articulation range of 155° (+90° to -65°) and its hydraulic side-shift of 70 cm (27") give the machine utmost flexibility to work around obstacles such as poles, trees etc. and to deal with variations in ground level.

A unique large deflection breakaway device ensures maximum protection. The ZF2 can either be equipped with 0,8 kg (1¾ lb standard flails for finest cut or 2,2 kg (5 lb) heavy-duty flails.



Technical specifications		ZF2-150	ZF2-180	ZF2-210	ZF2-240
Cutting width	cm/ft	150 / 4'11"	180 / 5'11"	210 / 6'11"	240 / 7'11"
PTO speed	cm/ft	1000	1000	1000	1000
Flail rotor speed	rpm	2230	2230	2230	2230
*Power requirements, minimal	kW/HP	44 / 60	50 / 68	55 / 75	65 / 88
Flails - standard 0,8 kg = 1¾ lb each - option 2,2 kg = 5 lb each	qty	16	18	22	24
	qty	9	12	12	16
Overall width	cm/ft	187 / 6'1"	187 / 6'1"	187 / 6'1"	187 / 6'1"
Tractor 3 pt. linkage	cat.	II	II	II	II
Weight	kg/lbs	900 / 1960	950 / 2070	1020 / 2180	1080 / 2315
Hydr. offset from tractor centreline: - minimum - maximum	cm/ft	255 / 8'4"	285 / 9'4"	315 / 10'4"	345 / 11'4"
	cm/ft	325 / 10'7"	355 / 11'7"	385 / 12'7"	415 / 13'7"

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection must be used in case of oversized tractors. The cutting height is adjustable from 4 to 14 cm (1½" to 5½")



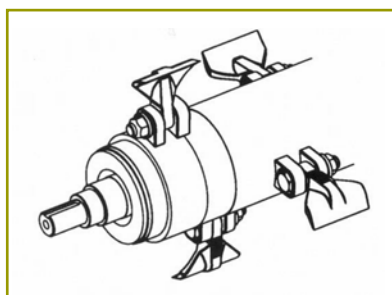
"Hydro-lift" feature:

Allows for one sided lifting of the mowing head over ± 35 cm (15½"). This makes it possible to mow shallow ditches with a (too) large mowing head.

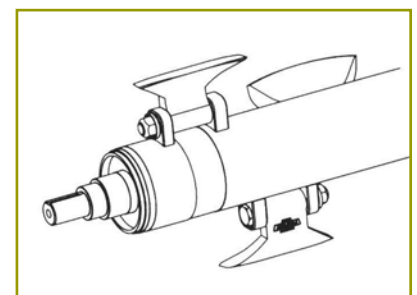
Flail rotor and flails

Most 'PERFECT' flail mowers are equipped with our special steel 0,8 kg (1¾ lb) standard flails. The flat single cutting edges provide a clean and neat cut. They are fitted to the electronically balanced vibration-free flail rotor with heavy bolts and replaceable steel bushings.

Universal 2,2 kg (5 lb) heavy-duty flails - less sensitive for obstructions - are optionally available on series KT, KM and ZF (standard on NX-460 and KX-860).



Flails 0,8 kg = 1¾ lb (width 110 mm = 4 1/8")



Flails 2,2 kg = 5 lb (width 200 mm = 8")

ROTARY TOPPERS AND MOWERS

Rotary toppers • Series LB



“Perfect” LB rotary toppers quickly, efficiently and safely clear grass, thistles, nettles, bracken etc.

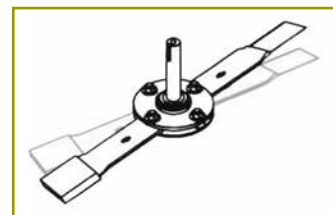
They are robustly built and have long, profiled skids to follow the ground contours easily and allow for fast working speeds up to 10 km/h = 6 1/4 mph.

Technical specifications		LB-185	LB-245V	LB-275V	LB-360
Cutting width	cm/ft	185 / 6'1"	245 / 8'1"	275 / 9'0"	360 / 11'10"
PTO speed	cm/ft	540	540	540	540
Rotor speed	rpm	1685	1685	1685	1540
*Power requirements, minimal	kW/HP	18 / 25	26 / 35	29 / 40	33 / 45
Number of blades		2	3	3	4
Overall width	cm/ft	194 / 6'4"	258 / 8'6"	284 / 9'4"	374 / 12'3"
Tractor 3 pt. linkage: std. (optional)	cat.	I + II	(I) + II	(I) + II	I + II
Weight	kg/lbs	370 / 815	435 / 960	485 / 1070	575 / 1265
Offset from tractor centreline:					
- minimum (centre mount)	cm/ft	93 / 3'1"	122 / 4'0"	138 / 4'6"	183 / 6'0"
- max. manual → (standard)	cm/ft	135 / 4'5"	205 / 6'9"	220 / 7'3"	230 / 7'7"
- max. parallelogram. ↔ (opt.)	cm/ft	135 / 4'5"	200 / 6'7"	218 / 7'2"	224 / 7'4"

*Power requirements depend entirely on the type of work. A PTO shaft with overload protection must be used in case of oversized tractors
The cutting height is adjustable from 4 to 14 cm (1 1/2" to 5 1/2")

Swing-away blades

For additional protection in rough or stony conditions our rotary toppers are equipped with swing-away blades.



Generously overlapping cutting blades are made from special alloy spring steel and have replaceable and reversible cutting edges for 100% longer life.

A unique quick connect coupling system (not on LB-185 and LB-360) enables quick, safe and easy connecting and disconnecting as well as sideshifting.

The LB-245V and LB-275V models have very large offset possibilities to cut clear of the left hand tractor wheel.



The indirect, flexible V-belt drive of all rotor spindles protects the gearbox and the PTO shaft against shockloads. V-belt tension is easily adjustable. Most belts have an automatic spring loaded belt tensioner.

OFFSET TOPPERS

Fully offset topper • Model SV2-275



Articulation range of cutting head from +45° till -45°

Main feature of our fully offset topper SV2-275, which is based upon our LB-275V rotary topper, is the elimination of the tractor wheel marks.

This provides an excellent clean cut over the full width.

Technical specifications		SV2-275
Cutting width	cm/ft	275 / 9'0"
PTO speed	rpm	540
Rotor speed	rpm	1685
*Power requirements, min.	kW/HP	40 / 55
Number of blades		3
Tractor 3 pt. linkage	cat.	II
Weight	kg/lbs	675 / 1485
Offset from tractor centreline:		
- minimum	cm/ft	225 / 7'5"
- maximum	cm/ft	385 / 12'8"

*Power requirements depend entirely on the type of work
A PTO shaft with overload protection must be used in case of oversized tractors
The cutting height is adjustable from 4 to 14 cm (1 1/2" to 5 1/2")

Optional extras



Front linkage

Front mounted mowers have the benefit of cutting grass before the tractor wheels run over as well as a better overview of the work. The cantilever design of the parallelogram-type headstock enables our front mounted Topper versions to be pulled rather than pushed. This protects the machine and provides a full flotation effect.

Optional on series LB.

Rear roller and saucers

LB rotary toppers are available (if required) with a rear roller and/or support saucers to prevent the skids from marking soft ground or the blades from scalping in uneven field conditions.

Optional on series LB and SV2.

Offset

The parallelogram-type offset feature allows for stepless offset with manual or hydraulic adjustment.

Optional on series LB.



Wheels

To assure an optimal ground contour adaptation and a uniform cutting height in for example parks, camping sites the rotary toppers can be equipped with 2 or 4 in height adjustable swivel wheels.

Optional on series LB.

ROTARY TOPPERS / MOW-LOAD COMBINATIONS

Gear drive rotary toppers • Series LK



LK-series rotary toppers have been designed for heavier topping and cutting of longer material.

Two or three timed cutting blades ensure strip free cutting even in parcels where the grass is cut less frequently. Cutting blades are not driven by V-belts, but directly from the gearboxes.

Flexible rubber shock absorbers on the in- and output shafts of each gearbox, as well as an overrunning clutch and an overload protection clutch on the PTO shaft, protect the driveline optimally.

Technical specifications		LK-185	LK-215	LK-245	LK-275
Cutting width	cm/ft	185 / 6'1"	215 / 7'1"	245 / 8'1"	275 / 9'0"
*Minimum power required at 540 rpm of pto	kW/HP	37 / 50	41 / 55	45 / 60	56 / 75
Number of blades		2	2	3	3
Overall width	cm/ft	198 / 6'6"	228 / 7'6"	258 / 8'6"	288 / 9'6"
Tractor 3 pt. linkage	cat.	I + II	I + II	I + II	I + II
Cutting height	cm/ft	4-14 / 1½-5½	4-14 / 1½-5½	4-14 / 1½-5½	4-14 / 1½-5½
Max offset from tractor centreline	cm/ft	141 / 4'7"	156 / 5'1"	171 / 5'7"	186 / 6'1"
Weight	kg/lbs	565 / 1245	625 / 1375	645 / 1420	710 / 1565

*Power requirements depend entirely on the type of work.

Mow-load combination • Model MLC



Very robust mow-load combination to mow, chop and pick up grass, leaves, prunings and other vegetations in one working pass on different terrains.

In parks, green spaces, camping sites, golf areas and on road sides this machine can be used to take away grass and other vegetations, for example to impoverish the soil.

The flail mower is an independent unit mounted in the main frame. A full width rear roller with large diameter ensures an excellent terrain adjustment independently of the trailer, also on uneven grounds.

For transport the flail mower is lifted by means of two hydraulic rams. To assure the necessary stability and to limit ground pressure, the trailer is equipped with two sets (4) of floating wheels.

Technical specifications		MLC-150	MLC-180
Cutting width	cm/ft	150 / 4'11"	180 / 5'11"
PTO speed	rpm	540	540
Flail rotor speed	rpm	2350	2350
*Minimum power required at 540 rpm of pto	kW/HP	40 / 55	52 / 70
Flails - standard 0,8 kg (1¾ lbs)	qty	24	28
- option 2,2 kg (5 lbs)	qty	16	18
Overall width	cm/ft	170 / 5'7"	200 / 6'7"
Tipping height	cm/ft	195 / 6'5"	195 / 6'5"
Load capacity	m³/cu.ft	± 3 / 110	± 3½ / 125
Weight	kg/lbs	1700 / 2970	1925 / 3300

*Power requirements depend entirely on the type of work.

A PTO shaft with overload protection must be used in case of oversized tractors

Standard configuration:

- Heavy-duty "Perfect" flail mower driven by an extra strong gearbox and V-belts with a springloaded automatic tensioner.
- Drawbar with hydraulic offset cylinder.
- Unloading height trailer 195 cm (6'5").
- Two sets (4) of large floating wheels.
- Rear rake tines are adjustable in height for a better pick-up and pulverization of thin- or flat laying prunings.



SOLO-SWING SWING ARM MOWERS

Attachment models • series SZA



SZA-850

Mechanic-hydraulic feeler

For young trees, lighter posts, or when operating on inclines all "Perfect" Solo-Swing models can be provided with a hydraulic feeler mechanism.



The Solo-Swing is a hydraulically driven swinging arm. Its simple but robust construction allows to automatically mow around trees, fences, posts etc.

The SZA is an attachment model which can be supplied with mounting brackets to be fitted to a rotary mower or a flail topper.



SZA-600

Technical specifications		SZA-500	SZA-600	SZA-850	SZF-600	SZL-600	SZX-850
Cutting width	cm/ft	50 / 1'8"	60 / 2'0"	85 / 2'9½"	60 / 2'0"	60 / 2'0"	85 / 2'9½"
Oil flow requirements	l/min.	30	30	30	30	30	30
Oil pressure requirements (average, depending on kind of work)	bar/psi	±65 / 940	±80 / 1160	±125 / 1810	±80 / 1160	±80 / 1160	±120 / 1810
Displacement of motor	cc/cu.in	16 / 1	16 / 1	17,9 / 1,1	16 / 1	16 / 1	17,9 / 1,1
Cutting angle	°	0-15	0-15	0-15	0-15	0-15	0-15
Discharge angle	°	0-15	0-15	0-15	0-15	0-15	0-15
Tractor hydraulics required		1 x double acting valve, 1 x free flow return	1 x double acting valve, 1 x free flow return	1 x double acting valve, 1 x free flow return	2 x double acting valves, 1 x free flow return	2 x double acting valves, 1 x free flow return	2 x double acting valves, 1 x free flow return
Max. offset from tractor centreline	cm/ft	-	-	-	165 / 5'5"	210 / 6'11"	245 / 8'0"
Weight	kg/lbs	75 / 165	95 / 210	110 / 242	175 / 385	200 / 440	275 / 605



SZA-600



SZL-600

Front mount models



SZL-600

The standard configuration of the SZF/SZL models is a tractor front mount version with hydraulic offset and two support wheels. Cutting width 60 cm / 2'0". The Solo-Swing comes automatically in transport position as soon as the swing arm is being retracted completely. A 3-point front linkage is not necessary for use of the SZF/SZL models.

SZF-600: for narrow tractors, offset max. 165 cm / 5'5"

SZL-600: for traditional tractors, offset max. 210 cm / 6'11"



SZX-850

The **SZX-850** model has a 85 cm swing arm and is especially designed for attachment to the tractor 3-point linkage.

The standard configuration includes a hydraulic offset feature, two support wheels and a headstock for front linkage.

Cutting width 85 cm / 2'9½"



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