

Rotary Mowers

McConel has one of the most comprehensive ranges of rotary and flail mowers available on the market today.

15 different series are available with Rotary mowers from 1.5m to 8.2m, and Flail mowers from 1.3m to 8.0m.

This wide choice of toppers enables any grass maintenance professional to find a machine that will not only suit conditions and circumstances, but will leave a quality finish with every cut.



Compact Rotary Mowers

pg 102 Stripe Mower



Min 70hp • Max cut width 2.6m

pg 104 SE Series



Min 20hp • Max cut width 2.1m

Agricultural Rotary Mowers

pg 106 PT Series



Min 35hp • Max cut width 2.75m

pg 108 TOPPER 9



Min 50hp • Max cut width 2.75m

Contractor Rotary Mowers

pg 110 CY2000



Min 100hp • Max cut width 2.0m

pg 112 SR15



Min 80hp • Max cut width 4.6m

pg 114 SR420



Min 50hp • Max cut width 4.2m

Professional Rotary Mowers

pg 116 SR460



Min 70hp • Max cut width 4.6m

pg 118 SR620



Min 90hp • Max cut width 6.2m

pg 120 SR820



Min 150hp • Max cut width 8.2m

Flail Mowers



Compact Flail Mowers

pg 126 MAGNUM Series



Min 35hp • Max cut width 1.5m

Agricultural Flail Mowers

pg 128 MAGNUM ELITE



Min 50hp • Max cut width 2.7m

pg 130 MAGNUM EURO



Min 50hp • Max cut width 2.8m

Contractor Flail Mowers

pg 132 MAGNUM EURO OPEN



Min 50hp • Max cut width 2.8m

pg 134 MAGNUM ELITE OFFSET



Min 50hp • Max cut width 2.8m

pg 136 MAGNUM PROFI MEGA



Min 80hp, Max cut width 3.0m

Professional Flail Mowers

pg 138 MAGNUM DUPLEX / TRIPLEX



Min 220hp, Max cut width 8.0m

pg 140 MERLIN XTREME



Min 50hp • Max cut width 2.65m

pg 142 XTREME OFFSET



Min 50hp • Max cut width 2.0m

Stripe Mower Series

Rotary Mower Series - Cutting Width 2.2m (7' 2"), 2.6m (8' 6")



Machine Features

- » 2.2m and 2.6m cutting widths
- » Three-point linkage (Cat II)
- » 540rpm PTO speed
- » Belt driven
- » 20-150mm cutting height
- » 30mm cutting capacity
- » 1,700rpm rotor speed
- » High-speed spiral bevel gearbox
- » Powerful rotor
- » Six overlapping swinging tip blades
- » Optional full-length rollers
- » Full length skids

Markets

- » Horticulture / Amenities
- » Groundcare / Landscape
- » Governmental
- » Contractors

Tractor Requirements

- » 70hp minimum tractor horsepower requirement
- » Three-point linkage mounting



Golf Courses



Optional full length roller

Description		Stripe 220	Stripe 260
Cutting width	Maximum width of cut (m)	2.2 (7' 2")	2.6 (8' 6")
HP requirement	Minimum hp requirement of tractor	70	70
Weight	Weight of machine (kg)	540	646
Attachment	3-Point Linkage	Cat II	Cat II
Cutting height	Minimum to maximum cutting height (mm)	20 - 150	20 - 150
Cutting capacity	Maximum diameter of material to be cut (mm)	30	30
Overall width	Maximum external width (m)	2.02	2.62
Overall length	Maximum external length (m)	1.48	1.48
PTO speed	Maximum RPM of PTO shaft	540	540
Protection	Provides protection to both mower and tractor	Belt	Belt
Blade carriers	Number of carriers on mower	3	3
Blade overlap	Distance blades overlap when running (mm)	38	38
Number of rotors	The number of rotors per mower	3	3
Blade tip speed	Wings (measured in m per min)	5160m per min	5160m per min
Skids	Number of skid shoes per mower	2	2

SE Series

Rotary Mower - Cutting Width 1.5m (4' 11"), 1.8m (5' 11"), 2.1m (6' 10")



Machine Features

- » 1.5m, 1.8m and 2.1m cutting widths
- » Three-point linkage-mounting
- » Updraft blades
- » Pan blade carriers
- » 540rpm PTO drive
- » Slip clutch protected
- » 360 degree swivel tailwheel
- » Puncture-proof tyre
- » Full-length replaceable skids
- » Front and rear chain guards
- » Cutting heights from 19mm to 150mm
- » Maximum cutting diameter 25mm

Markets

- » Agricultural
- » Horticultural/Amenity
- » Groundcare/Landscape
- » Governmental

Tractor Requirements

- » 15hp minimum tractor horse-power (dependent on model)
- » Three-point linkage-mounting



Description		SE150	SE180	SE210
Cutting width	Maximum width of cut (m)	1.5 (5')	1.8 (5' 11")	2.1 (6' 10")
HP requirement	Minimum hp requirement of tractor	20	45	60
Weight	Weight of machine (kg)	290	370	450
Attachment	3-Point Linkage	3-Point Linkage	3-Point Linkage	3-Point Linkage
Cutting height	Minimum to maximum cutting height (mm)	12 - 150	12 - 150	12 - 150
Cutting capacity	Maximum diameter of material to be cut (mm)	25	25	25
Overall width	Maximum external width (m)	1.6	1.9	2.4
Overall length	Maximum external length (m)	2.5	2.9	2.9
PTO speed	Maximum RPM of PTO shaft	540	540	540
Protection	Provides protection to both mower and tractor	Slip Clutch	Slip Clutch	Slip Clutch
Blade carriers	Number of carriers on mower	1	1	1
Blade overlap	Distance blades overlap when running (mm)	38	38	38
Blade tip speed	Wings (measured in m per min)	3800m per min	4550m per min	4550m per min
Wheels	Number of wheels	1	1	1

PT Series

Pasture Topper - Cutting Width 1.8m (5' 11"), 2.4m (7' 11"), 2.75m (9')



Machine Features

- » 1.8m, 2.4m and 2.7m cutting widths
- » Three-point linkage mounting
- » Offset model available
- » Low tractor horsepower requirement
- » Easily adjustable cutting heights
- » Quick and easy mounting
- » PTO overrun protection
- » 540 rpm PTO drive
- » Cutting heights from 24mm to 114mm
- » Maximum cutting diameter 30mm

Markets

- » Agricultural

Tractor Requirements

- » 35hp minimum tractor horsepower (dependent on model)
- » Three-point linkage-mounting



PT180



PT240 Offset

Description		PT180	PT270	PT240 Offset
Cutting width	Maximum width of cut (m)	1.8 (5' 11")	2.75 (9')	2.4 (7' 11")
HP requirement	Hp requirement of tractor	30-70	45-80	45-80
Weight	Weight of machine (kg)	500	565	565
Attachment	3-Point Linkage	3-Point Linkage	3-Point Linkage	3-Point Linkage
Cutting height	Min - max cutting height (mm)	24 - 114	24 - 114	24 - 114
Cutting capacity	Max diameter to be cut (mm)	30	30	30
Overall width	Maximum external width (m)	2.0	2.94	2.6
PTO speed	Maximum RPM of PTO shaft	540	540	540
Protection	Protection to both mower and tractor	Shear Bolt	Shear Bolt	Shear Bolt
Blade carriers	Number of carriers on mower	1	2	2
Number of rotors	The number of rotors per mower	1	2	2
Blade tip speed	Wings (measured in m per min)	4500m per min	4620m per min	4620m per min
Blade overlap	Distance blades overlap when running (mm)	N/A	50	50
Skids	Number of skid shoes per mower	2	2	2

Topper 9

Heavy Duty Set-a-Side Mower - Cutting Width 2.75m (9')



Machine Features

- » 2.75m (9' 0") cutting width
- » Three-point linkage-mounting
- » Pasture and set-a-side mower
- » Heavy-duty build quality
- » All shaft drive
- » Hardened updraft, swinging blades
- » Opposing rotors with 85mm blade overlap
- » 540rpm PTO
- » Slip clutch protection
- » Front and rear chain guards
- » 2 x 360 degree swivel tailwheels
- » Puncture proof tyre
- » Replaceable full length skids
- » Cutting heights from 25mm to 300mm
- » Maximum cutting diameter 50mm
- » UK's best selling 9ft topper

Markets

- » Agricultural
- » Contractors

Tractor Requirements

- » 50hp minimum tractor horse-power (dependent on model)
- » Three-point linkage-mounting



Pasture Mowing



Pasture Mowing

Description		Topper 9
Cutting width	Maximum width of cut (m)	2.75 (9' 0")
HP requirement	Minimum hp requirement of tractor	50
Weight	Weight of machine (kg)	950
Attachment	3-Point Linkage	3-Point Linkage
Cutting height	Minimum to maximum cutting height (mm)	25 - 300
Cutting capacity	Maximum diameter of material to be cut (mm)	50
Overall width	Maximum external width (m)	3
PTO speed	Maximum RPM of PTO shaft	540
Protection	Provides protection to both mower and tractor	Shear bolt
Blade carriers	Number of carriers on mower	2
Number of rotors	The number of rotors per mower	2
Blade tip speed	Measured in meters per min	4140m per min
Blade overlap (mm)	Distance blades overlap when running (mm)	85
Wheels	Number of wheels	2
Skids	Number of skid shoes per mower	2



Machine Features

- » 2.0m (6' 7") cutting width
- » Heavy duty 'push-bar' as standard
- » 1000rpm PTO shaft
- » 8mm steel deck
- » Three-point linkage mounting
- » Heavy-duty chain guard
- » Floating linkage for close cut
- » Heavy duty construction
- » Heavy-duty 7kg axe-style cutting
- » Four-plate slip clutch protection

Markets

- » Forestry
- » Governmental
- » Contractor
- » Agricultural

Tractor Requirements

- » 100hp minimum tractor horse power (dependent on model)
- » Three-point linkage-mounting



Scrub Maintenance



7kg heavy-duty blades

Description		CY2000
Cutting width	Maximum width of cut (meters)	2.0 (6' 7")
HP requirement	Minimum hp requirement of tractor	100
Weight	Weight of machine (kg)	1400
Attachment	Type of linkage to tractor	3-Point Linkage
Cutting height	Minimum to maximum cutting height (mm)	25 - 225
Cutting capacity	Maximum diameter of material to be cut (mm)	75
Overall width	Maximum external width (m)	2.12
Overall length	Maximum external length (m)	2.84
PTO speed	Maximum RPM of PTO shaft	1000
Gearbox rating	Rotor gearbox (hp)	150
Protection	Provides protection to both mower and tractor	Slip clutch
Blade carriers	The number of rotors	1
Number of blades	Number of heat treated updraft blades	3
Blade tip speed	Wings (measured in m per min)	4950

SR15

Flex Wing Rotary Mower - Cutting Width 4.6m (15')



Machine Features

- » 4.6m Cutting width
- » 112° of wing movement
- » Independently folding hydraulic wings
- » Spring-cushioned level lift axles
- » Heavy duty gearboxes
- » 1000rpm wide angle PTO
- » Slip clutch protection
- » All shaft drive
- » Hardened updraft, swinging blades
- » Front and rear chain guards
- » Replaceable full length skids
- » Road lighting kit
- » Cutting heights from 25mm to 375mm
- » Maximum cutting diameter 50mm
- » Choice of blade configurations
- » High and low hitch options

Markets

- » Agricultural
- » Governmental
- » Contractors

Tractor Requirements

- » 70hp minimum tractor horse power
- » Three-point linkage-mounting



Pasture



Scrub Maintenance

Description		SR15
Cutting width	Maximum width of cut (meters)	4.6 (15')
HP requirement	Minimum hp requirement of tractor	70
Weight	Weight of machine (kg)	2300
Cutting height	Minimum to maximum cutting height (mm)	25-375
Cutting capacity	Maximum diameter of material to be cut (mm)	50
Overall width	Maximum external width (m)	4.75
Overall length	Maximum external length (m)	4.47
Transport width	Width when folded for transport (m)	2.34
Transport height	Height when folded for transport (m)	2.25
PTO speed	Maximum RPM of PTO shaft	1000
Gearbox rating:	Power divider (hp)	160
	Centre gearbox (hp)	100
	Wing gearboxes (hp)	100
Number of blades	Number of heat treated updraft blades	6 or 9
Blade tip speed	Wings (measured in m per min)	4470
Rotor speed	Centre (measured in m per min)	4474
Blade overlap	Distance blades overlap when running (mm)	150
Hydraulic wing flex	Degrees of wing travel in work	90° up 22° down
Wheels	Number of wheels	6 or 8
Skid shoes	Replacable skid shoes	Standard

SR420

Flex Wing Rotary Mower - Cutting Width 4.2m (13' 9")



See SR420 in action at:
www.mcconnel.com/videos/

Machine Features

- » 4.20m (13' 9") cutting width
- » Heavy-duty gearboxes
- » 3 rotor configuration
- » Three-point linkage mounted
- » Slip-clutch protection
- » Hardened updraft swinging blades
- » Replaceable full-length skids
- » Anti-scalp discs
- » Floating linkage system
- » Deck protection rings
- » Independent hydraulic folding wings

Markets

- » Agricultural
- » Contractors
- » Governmental

Tractor Requirements

- » 70hp minimum tractor horse power



Pasture



Transport Position

Description		SR420
Cutting width	Maximum width of cut (meters)	4.2 (13' 9")
HP requirement	Minimum hp requirement of tractor	70
Weight	Weight of machine (kg)	1700
Cutting height	Minimum to maximum cutting height (mm)	10-400
Cutting capacity	Maximum diameter of material to be cut (mm)	50
Overall width	Maximum external width (m)	4.40
Overall length	Maximum external length (m)	3.00
Transport width	Width when folded for transport (m)	2.80
Transport height	Height when folded for transport (m)	2.00
PTO speed	Maximum RPM of PTO shaft	1000
Gearbox rating:	Power divider (hp)	100
Slip clutch protection	Number of slip clutch protection	6
Number of blades	Number of heat treated updraft blades	6
Blade tip speed	Wings (measured in m per min)	4800
Rotor speed	Centre (measured in m per min)	4800
Blade overlap	Distance blades overlap when running (mm)	110
Hydraulic wing flex	Degrees of wing travel in work	45° up 12° down
Wheels	Number of wheels	4
Skid shoes	Replacable skid shoes	Standard

SR460

Flex Wing Rotary Mower - Cutting Width 4.2m (15' 1")



See SR460 in action at:
www.mcconnel.com/videos/

Machine Features

- » 4.60m (15' 1") cutting width
- » Heavy-duty gearboxes
- » 3 rotor configuration
- » Slip-clutch protection
- » 1000rpm wide angle PTO
- » Deck protection rings
- » Choice of blade configurations
- » Hardened updraft swinging blades
- » Walking axles option
- » 115 degree wing movement
- » Anti-scalp discs
- » Ridged transport locking arms
- » Independently hydraulic folding wings
- » High and low hitch option.

Markets

- » Agricultural
- » Contractors
- » Governmental

Tractor Requirements

- » 70hp minimum tractor horse power



Set-a-side Mulching



Stubble Management

Description		SR460
Cutting width	Maximum width of cut (meters)	4.60 (15' 1")
HP requirement	Minimum hp requirement of tractor	70
Weight	Weight of machine (kg)	2220
Cutting height	Minimum to maximum cutting height (mm)	25 - 400
Cutting capacity	Maximum diameter of material to be cut (mm)	50
Overall width	Maximum external width (m)	4.80
Overall length	Maximum external length (m)	4.85
Transport width	Width when folded for transport (m)	2.80
Transport height	Height when folded for transport (m)	1.80
PTO speed	Maximum RPM of PTO shaft	1000
Gearbox rating:	Power divider (hp)	170
	Rotor gearbox (hp)	111
Slip clutch protection	Number of slip clutch protection	3
Number of blades	Number of heat treated updraft blades	6 or 18 option
Blade tip speed	Wings (measured in m per min)	5340
Rotor speed	Centre (measured in m per min)	5340
Blade overlap	Distance blades overlap when running (mm)	110
Hydraulic wing flex	Degrees of wing travel in work	90° up 25° down
Wheels	Number of wheels	8
Skid shoes	Replacable skid shoes	Standard

SR620

Flex Wing Rotary Mower - Cutting Width 6.2m (20' 4")



See SR620 in action at:
www.mcconnel.com/videos/

Machine Features

- » 6.20m (20' 4") cutting width
- » Heavy-duty gearboxes
- » 5 rotor configuration
- » Slip-clutch protection
- » 1000rpm wide angle PTO
- » Hardened updraft swinging blades
- » Walking Axles
- » 115 degree wing movement
- » Anti-scalp discs
- » Ridged transport locking arms
- » Independently hydraulic folding wings
- » High and low hitch option.

Markets

- » Agricultural
- » Governmental
- » Contractors
- » Airports

Tractor Requirements

- » 90hp minimum tractor horse power



Mulching



Pasture

Description		SR620
Cutting width	Maximum width of cut (meters)	6.2 (20' 4")
HP requirement	Minimum hp requirement of tractor	90
Weight	Weight of machine (kg)	2512
Cutting height	Minimum to maximum cutting height (mm)	25 - 400
Cutting capacity	Maximum diameter of material to be cut (mm)	50
Overall width	Maximum external width (m)	6.40
Overall length	Maximum external length (m)	4.85
Transport width	Width when folded for transport (m)	2.80
Transport height	Height when folded for transport (m)	2.60
PTO speed	Maximum RPM of PTO shaft	1000
Gearbox rating:	Power divider (hp)	170
	Centre gearbox (hp)	111
Slip clutch protection	Number of slip clutch protection	5
Number of blades	Number of heat treated updraft blades	10 or 30 option
Blade tip speed	Wings (measured in m per min)	5340
Rotor speed	Centre (measured in m per min)	5340
Blade overlap	Distance blades overlap when running (mm)	111
Hydraulic wing flex	Degrees of wing travel in work	90° up 25° down
Wheels	Number of wheels	8
Skid shoes	Replacable skid shoes	Standard

SR820

Flex Wing Rotary Mower - Cutting Width 8.2m (26' 11")



Machine Features

- » 8.20m (26' 11") cutting width
- » Heavy-duty gearboxes
- » 5 rotor configuration
- » Slip-clutch protection
- » Hardened updraft swinging blades
- » Walking axles
- » 115 degree wing movement
- » Anti-scalp discs
- » Ridged transport locking arms
- » Independently hydraulic folding wings
- » High and low hitch option

Markets

- » Agricultural
- » Governmental
- » Contractors
- » Airports

Tractor Requirements

- » 150hp minimum tractor horse power

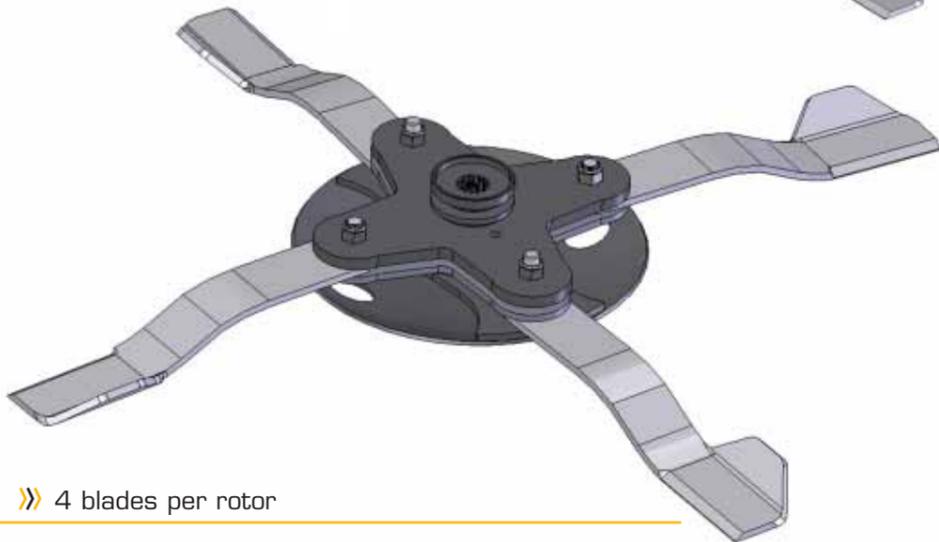


Description		SR820
Cutting width	Maximum width of cut (meters)	8.20 (26' 11")
HP requirement	Minimum hp requirement of tractor	150
Weight	Weight of machine (kg)	4100
Cutting height	Minimum to maximum cutting height (mm)	25 - 400
Cutting capacity	Maximum diameter of material to be cut (mm)	50
Overall width	Maximum external width (m)	8.40
Overall length	Maximum external length (m)	6.15
Transport width	Width when folded for transport (m)	2.80
Transport height	Height when folded for transport (m)	3.80
PTO speed	Maximum RPM of PTO shaft	1000
Gearbox rating:	Power divider (hp)	250
	Centre gearbox (hp)	111
Slip clutch protection	Number of slip clutch protection	5
Number of blades	Number of heat treated updraft blades	10 or 30 option
Blade tip speed	Wings (measured in m per min)	5340
Rotor speed	Centre (measured in m per min)	5340
Blade overlap	Distance blades overlap when running (mm)	110
Hydraulic wing flex	Degrees of wing travel in work	90° up 25° down
Wheels	Number of wheels	8
Skid shoes	Replacable skid shoes	Standard

Blade Configurations

McConel flex-wing mowers are available with different blade configurations to suit the needs of individual applications. All configurations use free swinging, 'up-draft' blades that lift the crop for cutting, ensuring no material is left uncut.

» 2 blades per rotor



» 4 blades per rotor

Shredder Kit Upgrade

For applications which require a high degree of mulching, McConel can offer a shredder kit. This optional upgrade consists of two 'up-draft' blades that first cut the material and two mulching blades to provide further mulching.

- » 6 blades per rotor
4 up-draft blades
2 mulching blades
- » Improves mulching
- » Heavy duty blades
- » Free swinging blades
- » Available on: SR460, SR620 and SR820



» Improved mulching



» Shredder kit upgrade

Walking Axle

McConel flex wing mowers are available with a walking axle upgrade. Each pair of wheels has been designed to pivot around the axles so even when the surface is uneven the mower still travels smoothly.

- » Individually pivoting axles
- » 8 wheel configuration
- » Improves travel on uneven surfaces.
- » Ensures even finish
- » Improves road transport
- » Prevents damage to mower



» Standard axle configuration



» Walking axle option

Hitch Option

All McConel flex-wing mowers are available with either high hitch or low hitch.

- » High and low hitch available
- » Conforms with regulations
- » Available on all flex-wing mowers



» High hitch option



» Low hitch configuration

Flex Wing Applications

McConnel Flex-wing mowers have been sold all over the world into many different markets for numerous applications. Designed for fast efficient mowing, McConnel Flex-wing mowers have built-up a reputation for reliable service and excellent productivity. Here are just a few of the examples where McConnel Flex-wing mowers excel:

- » Pasture Mowing
- » Set-a-side Maintenance
- » Airfields
- » Military Areas
- » Racecourses
- » Governmental
- » Cotton Shredding
- » Straw/Maize/Rape Stubble Mulching
- » Orchards
- » Scrub Control
- » Organic Maintenance
- » Parks and Golf Courses
- » Fruit Plantations
- » Potato Topping

