

McCONEL FLEX WING



FLEX WING MOWER SERIES



McCONEL FLEX WING

Machines Features:

- » 15'1" (4.6m) cutting widths
- » Self-levelling decks
- » 112° of wing movement
- » Independently folding hydraulic wings
- » Spring-cushioned axles
- » Heavy duty gearboxes
- » Slip clutch PTO protection
- » Cutting heights from 1" - 1'3" (25mm - 375mm)
- » Maximum cutting diameter 2" (50mm)
- » All shaft drive
- » Hardened updraft, swinging blades
- » High and low hitch option

Markets:

- » Agricultural
- » Governmental
- » Contractors

Tractor Requirements:

- » 80hp minimum tractor horse power
(dependent on model)



Airport maintenance



Set-a-side maintenance

Description		SR15
Cutting width	Maximum width of cut	15'1" (4.6m)
HP requirement	Minimum HP requirement of tractor	80hp
Weight	Weight of machine	5070lbs (2300kg)
Cutting height	Min to max cutting height	1" - 1'3" (25mm - 375mm)
Cutting capacity	Maximum diameter of material	2" (50mm)
Overall width	Maximum external width	15'7" (4.75m)
Overall length	Maximum external length	14'8" (4.47m)
Transport width	Width when folded for transport	7'8" (2.34m)
Transport height	Height when folded for transport	7'5" (2.25m)
PTO speed	max RPM of wide angle PTO	1000rpm
Gearbox rating	Power divider - Over-run slip clutch protection	160hp
	Centre gearbox - Slip clutch protection	100hp
	Wing gearboxes - Slip clutch protection	100hp
No of blades	Number of heat treated up draft blades	6 or 9
Blade tip speed	Wings	4470m per min
Rotor speed	Centre	4744m per min
Blade overlap	Distance blades overlap when running	6" (150mm)
Hydraulic wing flex	Degrees of wing travel in work	90° up, 22° down
No of wheels	Number of wheels	6 or 8
Skid shoes	Replaceable skid shoes	Standard

SR15-6 FLEX WING MOWERS



» Stubble Mulching

McCONNEL FLEX WING

Machines Features:

- » 20' (6.0m) cutting widths
- » Self-levelling decks
- » Integrated mulching system
- » 122° of wing movement
- » Independently folding hydraulic wings
- » Spring-cushioned axles
- » Heavy duty gearboxes
- » Slip clutch PTO protection
- » Deep deck protection rings
- » Ridged transport locking arms
- » Cutting heights from 1" - 1'4" (25mm - 400mm)
- » Maximum cutting diameter 2" (50mm)
- » All shaft drive
- » Hardened updraft, swinging blades
- » Walking axle option
- » High and low hitch option

Markets:

- » Agricultural
- » Governmental
- » Contractors

Tractor Requirements:

- » 100hp minimum tractor horse power
(dependent on model)



Set-a-side maintenance



Pasture maintenance

Description		FW6000
Cutting width	Maximum width of cut	20' (6m)
HP requirement	Minimum HP requirement of tractor	100hp
Weight	Weight of machine	6834lbs (3100kg)
Cutting height	Min to max cutting height	1" - 1'4" (25mm - 400mm)
Cutting capacity	Maximum diameter of material	2" (50mm)
Overall width	Maximum external width	20' (6.1m)
Overall length	Maximum external length	16'11" (5.15m)
Transport width	Width when folded for transport	8'6" (2.6m)
Transport height	Height when folded for transport	9'2" (2.8m)
PTO speed	max RPM of wide angle PTO	1000rpm
Gearbox rating	Power divider - Over-run slip clutch protection	160hp
	Centre gearbox - Slip clutch protection	100hp
	Wing gearbox - Slip clutch protection	100hp
No of blades	Number of heat treated up draft blades	9
Blade tip speed	Wings	4266m per min
Rotor speed	Centre	4198m per min
Blade overlap	Distance blades overlap when running	6" (150mm)
Hydraulic wing flex	Degrees of wing	100° up, 22° down
No of wheels	Number of wheels	8
Skid shoes	Replaceable skid shoes	Standard

FW6000 FLEX WING MOWERS



» Stubble Mulching

McCONNEL FLEX WING

Machines Features:

- » 26'3" (8.0m) cutting widths
- » Self-levelling tongue and swivel clevis
60° of working range movement
- » Independently folding hydraulic wings
- » Heavy duty gearboxes
- » 1000rpm wide angle PTO
- » Slip clutch protection
- » All shaft drive
- » Five pan blade carriers
- » Four hardened updraft blades per rotor
- » Front and rear chain guards
- » Replaceable full length skids
- » Road lighting kit
- » Parking jack
- » Cutting heights from 1" - 1'2" (25mm - 356mm)
- » Maximum cutting diameter 2" (50mm)

Markets:

- » Agricultural
- » Governmental
- » Contractors

Tractor Requirement:

- » 120hp minimum tractor horse power
(dependent on model)



Airport maintenance



Pasture maintenance

Description		
Cutting width	Maximum width of cut	26'3" (8m)
HP requirement	Minimum HP requirement of tractor	120hp
Weight	Weight of machine	6,689lbs (3034kg)
Cutting height	Min to max cutting height	1" - 1'2" (25mm - 356mm)
Cutting capacity	Maximum diameter of material	2" (50mm)
Overall width	Maximum external width	26'9" (8.15m)
Overall length	Maximum external length	16'10" (5.13m)
Transport width	Width when folded for transport	9'9" (2.98m)
Transport height	Height when folded for transport	12'4" (3.76m)
PTO speed	max RPM of PTO Shaft	1,000rpm
Gearbox rating	Power Divide	220hp
	Centre Gearbox	800rpm
	Wing Gearboxes	974rpm outer, 812rpm inner
No of blades	Number of heat treated up draft blades	20
Tip Speed	Wings & Centre Deck	4682m per min
Rotor speed	Wings & Centre Deck	4614rpm
Blade overlap	Distance blades overlap when running	6" (154mm)
Hydraulic wing flex	Degrees of wing travel in work	90° up, 15° down
No of wheels	Number of wheels	8
Skid shoes	Replaceable skid shoes	Standard

SCHULTE FLEX WING MOWERS



McConnel has been building a reputation for the design and manufacture of quality machinery within agricultural markets for the best part of a century.

Today, the McConnel brand can be found working on the land in countries throughout the world, whether it is the latest hedge or verge mowers; front-end loaders; rotary mowers; flail mowers; cultivators; or excavators.

We have come a long way since the development of the world's first hedge cutter more than 75 years ago; but one thing that has not changed is the pioneering spirit of our design teams who continue to deliver innovative and award-winning products to our loyal customers.

All of this market-leading ingenuity is backed up by the latest technology at our own manufacturing plant in Ludlow, England and we are immensely proud of our engineers and production teams all of whom contribute to the ongoing success at McConnel



McConnel Product Range

**McConnel
Power Arms**



**McConnel
Loaders**



**McConnel
Cultivation**



**McConnel
Mowers**



McConnel
is a member of the



McConnel Limited

Temeside Works, Ludlow, Shropshire, SY8 1JL England

Tel: +44 (0)1584 873131 Fax: +44 (0)1584 876463

Email: sales@mcconnel.com Web: www.mcconnel.com