

Falcon

Features

- ✓ 5.5m, 6.0m or 6.5m reach
- ✓ Quick-hitch bar coupler
- ✓ 125 l/min independent system
- ✓ 1.2m or 1.5m cutting head



Quick hitch



EPP III

Pro-Cut



Cable control



Road lights

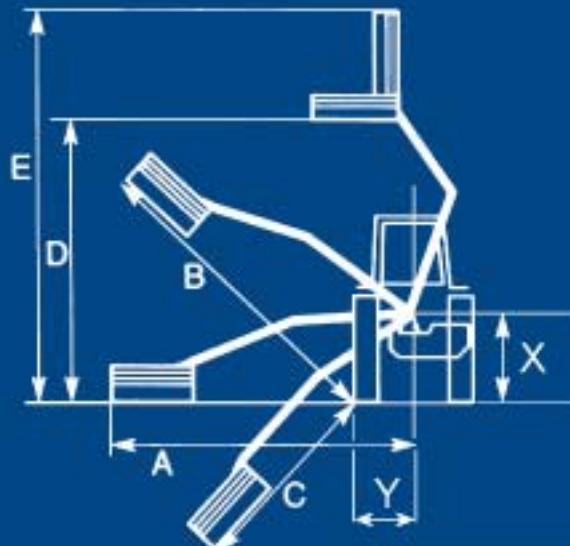


Cushion top link



Axle mounting

The Falcon range has been specifically designed for the contractor.



	Falcon 5.5 (18')	Falcon 6.0T (19' 8")	Falcon 6.5T (21' 4")
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A	5.5m	18'	6.0m	19' 8"	6.5m	21' 4"
B	5.5m	18' 4"	6.15m	20' 1"	6.65m	22'
C	3.9m	12' 9"	4.4m	14' 5"	4.85m	16'
D	5.15m	18' 8"	5.86m	18' 4"	5.8m	19'
E	6.8m	22' 4"	7.3m	23' 11"	7.72m	25 5"
X	1.35m	4' 7"	1.35m	4' 7"	1.35m	4' 7"
Y	1m	3' 4"	1m	3' 4"	1m	3' 4"

Working reach dimensions

Head used for calcs: 1.2m Pro-Cut

	Falcon 5.5 (18')	Falcon 6.0T (19' 8")	Falcon 6.5T (21' 4")
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Tractor requirements

Minimum horse power	70hp	75hp	75hp
Minimum weight	3500Kg	3800Kg	4250Kg

Base unit mounting Options

Front mount	x	x	x
Mid-mount	x	x	x
Rear mount	*	*	*
Three point linkage (CAT III)	o	o	o
Axle bracket	o	o	o

Overall machine parameters

Weight of machine without oil or head	1515Kg	1620Kg	1720Kg
Capacity of oil tank	250Litres	250Litres	250Litres
Weight of machine with oil but without head	1715Kg	1820Kg	1920Kg

Hydraulic controls

Cable control (CC)	o	o	o
Electronic proportional control (EPP)	o	o	o
Intelligent control system (ICS)	o	o	o
Low pressure hydraulics (LPH)	x	x	x
Cable rotor reverse	o	o	o
Electronic rotor reverse	o	o	o

* = Standard
o = Optional
x = Not available

	Falcon 6.5 (18")	Falcon 6.0T (19' 8")	Falcon 6.5T (21' 4")
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Hydraulic system

System capability	65/110hp	65/128hp	65/131hp
Pump flow rate	125Litres	125Litres	125Litres
Pump type (Gear / Piston / Helical)	G/P	G/P	G/P
Pump arrangement (Twin / In-line)	T	T	T
Independent hydraulics	*	*	*
Oil cooler	o	o	o

Arm features and main frame

Forward arm	x	x	x
Forward arm reach (Fixed / Variable)	x	x	x
Telescopic arm	x	*	*
Telescopic arm stroke	x	900mm	900mm
Power slew	*	*	*
Power slew angle	93°	94°	94°
Gravity breakout	x	x	x
Hydraulic breakout	*	*	*
Armfloot - manual	o	o	o
Armfloot - electronic	o	o	o
Headfloat - manual	*	*	*
Headfloat - electronic	o	o	o
Left hand cutting	o	o	o
Right hand cutting	o	o	o
Left & right hand cutting	x	x	x

Arm attachments available

Variable track bracket (VTB)	o	o	o
Cutter bar	o	o	o
Bedded saw head (Blade Runner)	o	o	o
Ditch cleaner	o	o	o
Rotary head	o	o	o

Accessories

Road lights	*	*	*
Debris blower	o	o	o
Warning arrow (Magnetic / Fixed)	o	o	o
Cab guard kit	*	*	*

Cutting Heads permitted

			MP44	H540	T60	T40	Pro Flails	BB	Bushmaster
1.2m Pro-Cut 115mm roller	o	o	o	Flails	o	o	o	o	x
1.2m Pro-Cut with 150mm roller	o	o	o	Flails	o	o	o	o	x
1.2m head iSMP with 115mm roller	o	o	o	Flails	o	o	o	o	*
1.2m head iSMP 150mm roller	o	o	o	Flails	o	o	o	o	*
1.5m Pro-Cut with 115mm roller	o	o	o	Flails	o	o	o	o	x
1.5m Pro-Cut with 150mm roller	o	o	o	Flails	o	o	o	o	x
1.5m Pro-Cut iSMP with 115mm roller	o	o	o	Flails	o	o	o	o	x
1.5m Pro-Cut iSMP 150mm roller	o	o	o	Flails	o	o	o	o	x



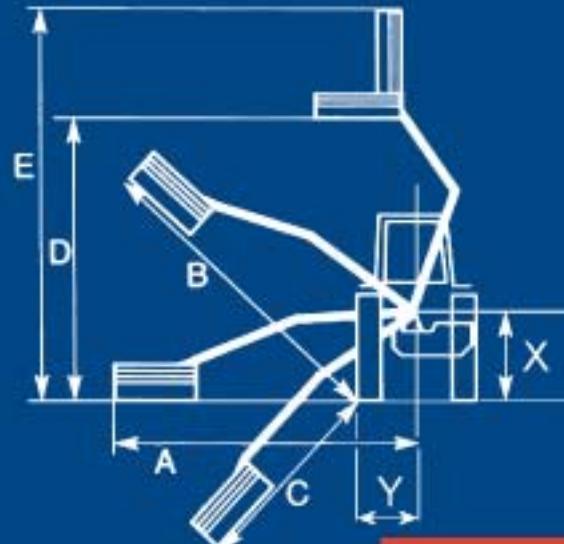
Falcon Parallel

Features

- ✓ 5.5m, 6m or 6.5m reach
- ✓ Parallel arm
- ✓ Independent hydraulics
- ✓ Fully proportional electronic controls



The Falcon is perfect for contractors. Where the features of parallel arm geometry for hedge cutting are invaluable.



	Falcon 5.5 (18')	Falcon 6.0 (19' 8")	Falcon 6.5T (21' 4")			
A	5.5m	18'	6.0m	19' 8"	6.5m	21' 4"
B	5.67m	18' 6"	6.13m	20' 3"	6.65m	21' 9"
C	3.85m	12' 9"	4.35m	14' 2"	4.36m	14' 4"
D	4.5m	14' 9"	4.56m	14' 10"	5.55m	18' 3"
E	6.16m	20' 2"	6.26m	20' 4"	7.55m	24' 9"
X	1.45m	4' 9"	1.45m	4' 9"	1.45m	4' 9"
Y	1m	3' 4"	1m	3' 4"	1m	3' 4"

Working reach dimensions
Head used for calcs: 1.2m Pro-Cut

	Falcon 5.5 (18')	Falcon 6.0 (19' 8")	Falcon 6.5T (21' 4")
70hp	70hp	75hp	75hp
3500Kg	3800Kg	4250Kg	

Tractor requirements

Minimum horse power	70hp	75hp	75hp
Minimum weight	3500Kg	3800Kg	4250Kg

Base unit mounting options

Front mount	✗	✗	✗
Mid-mount	✗	✗	✗
Rear mount	*	*	*
Three point linkage (CAT II)	○	○	○
Axle bracket	○	○	○

Overall machine parameters

Weight of machine without oil or head	1030Kg	1200Kg	1350Kg
Capacity of oil tank	250Litres	250Litres	250Litres
Weight of machine with oil but without head	1230Kg	1400Kg	1550Kg

Hydraulic controls

Cable control (CC)	○	○	○
Electronic proportional control (EPP)	○	○	○
Intelligent control system (ICS)	○	○	○
Low pressure hydraulics (LPH)	✗	✗	✗
Cable rotor reverse	○	○	○
Electronic rotor reverse	○	○	○

● = Standard
○ = Optional
✗ = Not available

	Falcon 5.5 (18')	Falcon 6.0 (19' 8")	Falcon 6.5T (21' 4")					
Hydraulic system								
System capability	65/110hp	65/128hp	65/131hp					
Pump flow rate	125Litres	126Litres	125Litres					
Pump type (Gear / Piston / Helical)	G/P	G/P	G/P					
Pump arrangement (Twin / In-line)	T	T	T					
Independent hydraulics	*	*	*					
Oil cooler	o	o	o					
Arm features and main frame								
Forward arm	*	*	x					
Telescopic arm	x	*	*					
Telescopic arm stroke	x	900mm	900mm					
Power slew	*	*	*					
Power slew angle	90°	90°	94°					
Gravity breakout	x	x	x					
Hydraulic breakout	*	*	x					
Armfloat - manual	o	o	o					
Armfloat - electronic	o	o	*					
Headfloat - manual	*	*	o					
Headfloat - electronic	o	o	*					
Left hand cutting	o	o	o					
Right hand cutting	o	o	o					
Left & right hand cutting	x	x	x					
Arm attachments available								
Variable track bracket (VTB)	o	o	o					
Cutter bar	o	o	o					
Bladed saw head (Blade Runner)	o	o	o					
Ditch cleaner	o	o	o					
Rotary head	o	o	o					
Accessories								
Road lights	*	*	*					
Debris blower	o	o	o					
Warning arrow (Magnetic / Fixed)	o	o	o					
Cab guard kit	*	*	*					
Cutting heads permitted								
1.2m Pro-Cut 115mm roller	o	o	o					
1.2m Pro-Cut with 150mm roller	o	o	o					
1.2m head iSMP with 115mm roller	o	o	o					
1.2m head iSMP 150mm roller	o	o	o					
1.5m Pro-Cut with 115mm roller	o	o	o					
1.5m Pro-Cut with 150mm roller	o	o	o					
1.5m head iSMP 115mm roller	o	o	o					
1.5m head iSMP 150mm roller	o	o	o					
		MP44	HS40	T60	T40	Pro Flails	BB	Bushmaster
		Flails	o	o	o	o	o	x
		Flails	o	o	o	o	o	x
		Flails	o	o	o	o	o	*
		Flails	o	o	o	o	o	*
		Flails	o	o	o	o	o	*
		Flails	o	o	o	o	o	x
		Flails	o	o	o	o	o	x
		Flails	o	o	o	o	o	x



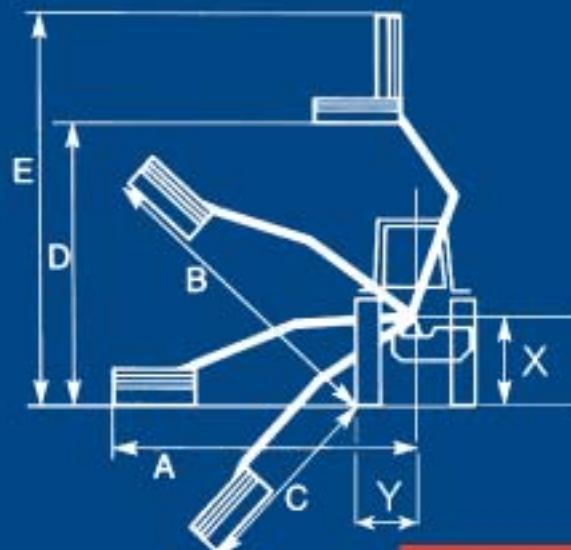
Falcon Forward

Features

- ✓ 5.5m or 6.5 Telescopic reach
- ✓ Forward arm
- ✓ Quick hitch bar coupler, or axle bracket mounted
- ✓ 125 l/min independent system
- ✓ 1.2m or 1.5m cutting head



The Falcon forward arm is perfect for contractors and municipal environments where the added benefits of a forward arm is required to improve visibility and minimise stress and fatigue.



	Falcon 5.5 FWD (18')	Falcon 6.5 FWD (21')
A	5.5m	18'
B	5.6m	20' 3"
C	3.31m	14' 2"
D	5m	14' 10"
E	6.8m	20' 4"
X	1.45m	4' 8"
Y	1m	3' 4"

Working reach dimensions

Head used for calcs: 1.2m Pro-Cut

	Falcon 5.5 FWD (18')	Falcon 6.5 FWD (21')
Tractor requirements		
Minimum horse power	70hp	80hp
Minimum weight	4250Kg	4270Kg
Base unit mounting options		
Front mount	x	x
Mid-mount	x	x
Rear mount	*	*
Three point linkage (CAT II)	o	x
Axle bracket	o	*
Overall machine parameters		
Weight of machine without oil or head	1250Kg	1550Kg
Capacity of oil tank	250Litres	250Litres
Weight of machine with oil but without head	1450Kg	1750Kg
Hydraulic controls		
Cable control (CC)	o	o
Electronic proportional control (EPP)	o	o
Intelligent control system (ICS)	o	o
Low pressure hydraulics (LPH)	x	x
Cable rotor reverse	o	o
Electronic rotor reverse	o	o

* = Standard
o = Optional
x = Not available



	Falcon 5.5 FWD (18')	Falcon 6.5 FWD (24')								
Hydraulic system										
System capability	65/91hp	65/91hp								
Pump flow rate	125Litres	125Litres								
Pump type (Gear / Piston / Helical)	G/P	G/P								
Pump arrangement (Twin / In-line)	T	T								
Independent hydraulics	*	*								
Oil cooler	*	*								
Arm features and main frame										
Forward arm	*	*								
Forward arm reach	1500mm	1200mm								
Telescopic arm stroke	X	900mm								
Power slew	*	*								
Power slew angle	94°	94°								
Gravity breakout	X	X								
Hydraulic breakout	*	*								
Armfloat - manual	*	*								
Armfloat - electronic	*	*								
Headfloat - manual	*	*								
Headfloat - electronic	*	*								
Left hand cutting	*	*								
Right hand cutting	*	*								
Left & right hand cutting	X	X								
Arm attachments available										
Variable track bracket (VTB)	X	X								
Cutter bar	*	*								
Bladed saw head (Blade Runner)	*	*								
Ditch cleaner	*	*								
Rotary head	*	*								
Accessories										
Road lights	*	*								
Debris blower	*	*								
Warning arrow (Magnetic / Fixed)	*	*								
Cab guard kit	*	*								
Cutting heads permitted										
1.2m Pro-Cut 115mm roller	*	*	Flails	*	*	*	*	*	X	
1.2m Pro-Cut with 150mm roller	*	*	Flails	*	*	*	*	*	*	X
1.2m head iSMP with 115mm roller	*	*	Flails	*	*	*	*	*	*	*
1.2m head iSMP 150mm roller	*	*	Flails	*	*	*	*	*	*	*
1.5m Pro-Cut with 115mm roller	*	*	Flails	*	*	*	*	*	*	X
1.5m Pro-Cut with 150mm roller	*	*	Flails	*	*	*	*	*	*	X
1.5m head iSMP 115mm roller	*	*	Flails	*	*	*	*	*	*	X
1.5m head iSMP 150mm roller	*	*	Flails	*	*	*	*	*	*	X

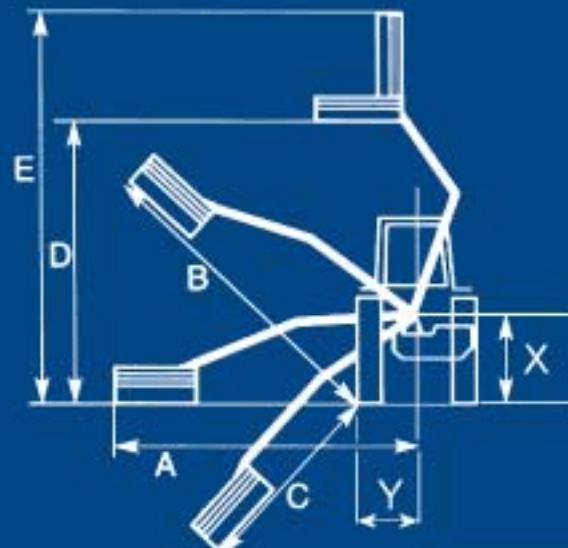
Falcon Bi-way

Features

- ✓ 5m and 5.5m reach
- ✓ Bi-directional cutting
- ✓ Left or right cut (RH cut on rear mount)
- ✓ 250lt tank capacity



Falcon Bi-way is mounted on a reversible tractor for forward or reverse operation, cutting verge and hedge, this minimises stress and fatigue for the professional operator.



	Falcon 5 Bi-way (16' 5")	Falcon 5.5 Bi-way (18')
A	5.0m 16' 5"	5.5m 18'
B	5.1m 16' 9"	5.6m 18' 4"
C	3.4m 11' 2"	3.9m 12' 10"
D	4.6m 15' 1"	5.15m 16' 9"
E	6.25m 20' 6"	6.8m 22' 4"
X	1.35m 4' 7"	1.35m 4' 7"
Y	1m 3' 4"	1m 3' 4"

Working reach dimensions

Head used for calcs: 1.2m Pro-Cut

	Falcon 5 Bi-way (16' 5")	Falcon 5.5 Bi-way (18')
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Tractor requirements

Minimum horse power	70hp	75hp
Minimum weight	3000Kg	3500Kg

Base unit mounting options

Front mount	✗	✗
Mid-mount	✗	✗
Rear mount	*	*
Three point linkage (CAT II)	○	○
Axle bracket	○	○

Overall machine parameters

Weight of machine without oil or head	1350Kg	1350Kg
Capacity of oil tank	250Litres	250Litres
Weight of machine with oil but without head	1550Kg	1550Kg

Hydraulic controls

Cable control (CC)	○	○
Electronic proportional control (EPP)	○	○
Intelligent control system (ICS)	○	○
Low pressure hydraulics (LPH)	✗	✗
Cable rotor reverse	○	○
Electronic rotor reverse	○	○

* = Standard

○ = Optional

✗ = Not available

	Falcon 5 Bi-way (16' 5")	Falcon 5.5 Bi-way (18')
Hydraulic system		
System capability	65/110hp	65/110hp
Pump flow rate	125Litres	125Litres
Pump type (Gear / Piston / Helical)	G/P	G/P
Pump arrangement (Twin / In-line)	T	T
Independent hydraulics	*	*
Oil cooler	*	*
Arm features and main frame		
Forward arm	*	*
Telescopic arm	X	X
Telescopic arm stroke	X	X
Power slew	*	*
Power slew angle	94°	94°
Gravity breakout	X	X
Hydraulic breakout	*	*
ArmFloat - manual	o	o
ArmFloat - electronic	o	o
Headfloat - manual	*	*
Headfloat - electronic	o	o
Left hand cutting	*	*
Right hand cutting	*	*
Left & right hand cutting	*	*
Arm attachments available		
Variable track bracket (VTB)	X	X
Cutter bar	o	o
Bedded saw head (Blade Runner)	o	o
Ditch cleaner	o	o
Rotary head	X	X
Accessories		
Road lights	o	o
Debris blower	o	o
Warning arrow (Magnetic / Fixed)	o	o
Cab guard kit	*	*
Cutting heads permitted		
1.2m Pro-Cut 115mm roller	o	o
1.2m Pro-Cut with 150mm roller	o	o
1.2m head iSMP with 115mm roller	o	o
1.2m head iSMP 150mm roller	o	o
1.5m Pro-Cut with 115mm roller	o	o
1.5m Pro-Cut with 150mm roller	o	o
1.5m head iSMP 115mm roller	o	o
1.5m head iSMP 150mm roller	o	o



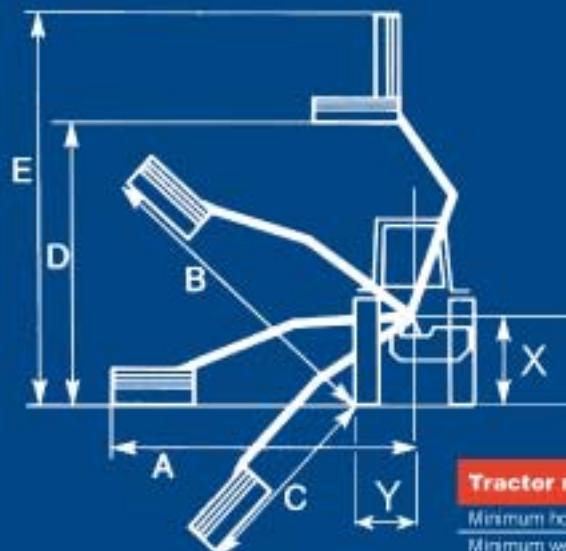
Falcon Collector

Features

- ✓ Collects mulch and litter
- ✓ Unique through put PTO
- ✓ Encourages wild flower growth on verges
- ✓ Compacts collected debris
- ✓ Reduces water pollution and delays regrowth



The Falcon collector is a direct result of a government funded commission to produce a machine that would collect grass mulch and debris from roadsides to promote the growth of wild flowers.



	Falcon Collector 5.5 (18')	Falcon Collector 6.0 (19' 8")
A	5.0m 16' 5"	6.05m 21' 10"
C	3.9m 12' 10"	4.76m 15' 7"
X	1.36m 4' 7"	1.36m 4' 7"
Y	1m 3' 4"	1m 3' 4"

Working reach dimensions

Head used for calcs: 1.2m Pro-Cut

	Falcon Collector 5.5 (18')	Falcon Collector 6.0 (19' 8")
Tractor requirements		
Minimum horse power	100hp	110hp
Base unit mounting options		
Front mount	✗	✗
Mid-mount	✗	✗
Rear mount	*	*
Three point linkage (CAT II)	✗	✗
Axle bracket	*	*
Overall machine parameters		
Weight of machine without oil or head	1515Kg	1615Kg
Capacity of oil tank	250Litres	250Litres
Weight of machine with oil but without head	1715Kg	1815Kg
Hydraulic controls		
Cable control (CC)	○	○
Electronic proportional control (EPP)	○	○
Intelligent control system (ICS)	○	○
Low pressure hydraulics (LPH)	✗	✗
Cable rotor reverse	○	○
Electronic rotor reverse	○	○

* = Standard
○ = Optional
✗ = Not available



	Falcon Collector 5.5 (18')	Falcon Collector 6.0 (19' 6")
Hydraulic system		
System capability	65hp	65hp
Pump flow rate	125Litres	125Litres
Pump type (Gear / Piston / Helical)	G	G
Pump arrangement (Twin / In-line)	T	T
Independent hydraulics	*	*
Oil cooler	o	o
Arm features and main frame		
Forward arm	x	x
Forward arm reach (Fixed / Variable)	x	x
Telescopic arm	x	x
Telescopic arm stroke	x	x
Power slew	*	*
Power slew angle	94°	94°
Gravity breakout	x	x
Hydraulic breakout	*	*
Armfloat - manual	o	o
Armfloat - electronic	o	o
Headfloat - manual	*	*
Headfloat - electronic	o	o
Left hand cutting	o	o
Right hand cutting	o	o
Left & right hand cutting	x	x
Arm attachments available		
Variable track bracket (VTB)	x	x
Cutter bar	o	o
Bladed saw head (Blade Runner)	o	o
Ditch cleaner	o	o
Rotary head	o	o
Accessories		
Road lights	o	o
Debris blower	o	o
Warning arrow (Magnetic / Fixed)	o	o
Cab guard kit	*	*
Cutting heads permitted		
1.2m Pro-Cut auger head 115mm roller	*	*
	Flails	o
	MP44	o
	HS40	o
	T60	o
	T40	o
	Pro Flails	o
	BB	o
	Bushmaster	x