

TWIGA MID



CONTENTS

Vegetation Control - it's in our makeup!

At Spearhead we are passionate about vegetation control machinery, it is a part of our makeup and it is what we have done best for more than 25 years.

Twiga Reach Arm Mowers.

Since the launch of the Twiga series back in 1995, Spearhead has pioneered the development of reach mowers to create a vast product range to suit varying different budget types and applications. From machines designed to fit compact tractors through to the longest reach machines for watercourse management; there is a model for every landscape.

Twiga reach arms extend from a minimum of 3.2m to a maximum 8.9m, with a variety of arm types and machine control options to suit every operator's requirements.

Spearhead's diverse range of reach arm attachments complement the Twiga range, with flail heads between 1.0 and 1.6m for all hedge cutting and verge mowing purposes along with a variety of rotary heads and sawblades to suit every working requirement.

Be it an agricultural or municipal application, Spearhead sets the standard in reach mowing and hedge cutting machinery solutions.



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TWIGA COMPACT
TWIGA CLASSIC
TWIGA PRO
TWIGA FLEX
TWIGA ORBITAL

TWIGA MID SERIES

The Twiga Mid is Spearhead's best-selling hedge cutter. Building on the features found in the Classic range and with a proven track record of delivering robustness and durability, the Twiga Mid is perfect for high-output, large-scale farmers, contractors and local authorities.

The Twiga Mid range is available in reaches between 5.5m and 7.0m, with a selection of arm types and a range of other machine options to ensure every possible working eventuality can be tackled in comfort.

Spearhead's Multipilot hydraulic proportional in-cab controls and a 75hp fully independent hydraulic system allows any of Spearhead's large range of reach arm attachments to be powered with ease. The Twiga Mid range is the professionals' choice for power, performance and productivity.

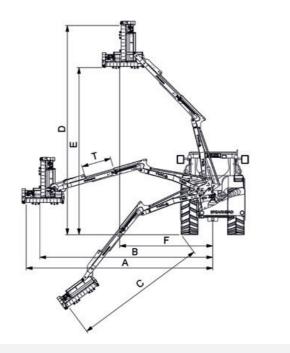
TWIGA 555
TWICA FR55
TWICA VER55
TWIGA 560
TWIGA FR60
TWIGA VFR60
TWIGA T65
TWICA T70

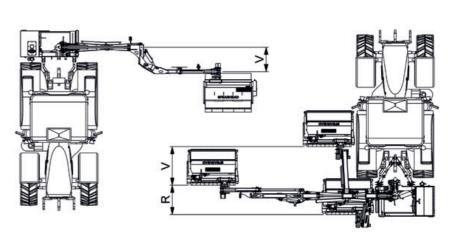
HP HP	KG	O CHEA			+44+
TRACTOR POWER REQUIRED	TRACTOR WEIGHT	MACHINE POWER	MACHINE WEIGHT	MAXIMUM REACH	TRANSPORT WIDTH
100hp	3750kg	75hp	1400kg	5.5m / 18' 1"	2.3m / 7' 7"
100hp	4000kg	75hp	1450kg	5.5m / 18' 1"	2.3m / 7' 7"
100hp	4000kg	75hp	1510kg	5.5m / 18' 1"	2.3m / 7' 7"
100hp	4000kg	75hp	1420kg	5.9m / 19' 4"	2.3m / 7' 7"
100hp	4250kg	75hp	1470kg	5.9m / 19' 4"	2.3m / 7' 7"
100hp	4250kg	75hp	1530kg	5.9m / 19' 4"	2.3m / 7' 7"
100hp	4500kg	75hp	1520kg	6.5m / 21' 4"	2.3m / 7' 7"
110hp	5000kg	75hp	1580kg	7.0m / 23'	2.3m / 7' 7"

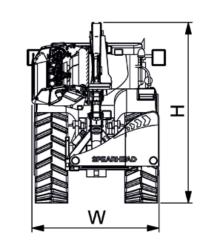


TWIGA MID FEATURES TWIGA MID DIMENSIONS









1 Mile 555
TWICA FR55
TWICA VERS!
TWICA S60

TWICA VFR60

TWICA T70

TWICA T65

TWICA FR60

Α	В	С	D	E	F	W	Н	Т	V	R
5.5m / 18′ 1″	5.0m / 16′ 5″	3.6m / 11′ 8″	6.5m / 21′ 4″	5.0m / 16′ 5″	2.6m / 8′ 6″	2.3m / 7′ 7″	3.3m / 10′ 10″	_	_	-
5.5m / 18′ 1″	5.0m / 16′ 5″	3.6m / 11′ 8″	6.5m / 21′ 4″	5.0m / 16′ 5″	2.6m / 8′ 6″	2.3m / 7′ 7″	3.3m / 10′ 10″	_	0.7m / 2′ 4″	_
5.5m / 18′ 1″	5.0m / 16′ 5″	3.6m / 11′ 8″	6.5m / 21′ 4″	5.0m / 16′ 5″	2.6m / 8′ 6″	2.3m / 7′ 7″	3.3m / 10′ 10″	_	1.1m / 3′ 7″	0.9m / 2′ 11″
5.9m / 19′ 4″	5.4m / 17′ 9″	4.0m / 13′ 1″	6.8m / 22' 4"	5.3m / 17′ 5″	3.0m / 9′ 11″	2.3m / 7′ 7″	3.3m / 10′ 10″	_	_	_
5.9m / 19′ 4″	5.4m / 17′ 9″	4.0m / 13′ 1″	6.8m / 22' 4"	5.3m / 17′ 5″	2.8m / 9′ 2″	2.2m / 7′ 3″	3.3m / 10′ 10″	_	0.7m / 2′ 4″	_
5.9m / 19′ 4″	5.4m / 17′ 9″	4.0m / 13′ 1″	6.9m / 22′ 8″	5.4m / 17′ 9″	2.7m / 8′ 10″	2.3m / 7′ 7″	3.3m / 10′ 10″	_	1.1m / 3′ 7″	0.9m / 2' 11"
6.5m / 21′ 4″	6.0m / 19′ 8″	4.7m / 15′ 5″	7.3m / 23′ 11″	5.8m / 19'	3.2m / 10′ 6″	2.3m / 7′ 7″	3.6m / 11′ 10″	0.9m / 2′ 11″	_	_
7.0m / 23′ 0″	6.5m / 21′ 4″	5.2m / 17′ 1″	8.0m / 26′ 3″	6.6m / 21′ 8″	2.9m / 9′ 6″	2.3m / 7′ 7″	3.7m / 12' 2"	0.9m / 2′ 11″	_	_

REACH MOWERS REACH MOWERS

TWIGA MID ARM TYPES

Having pioneered Variable Forward Reach (VFR) technology in the 90's, Spearhead continues to provide the best visibility and control on the market with a selection of arm types now all available on the Twiga mid series.



STANDARD

- Industry standard
- Robust performance
- Fully welded tapered design
- Superior geometry

TELESCOPIC

- Compact design
-) Improved flexibility
- Additional reach where required
- Easy arm extension



FORWARD REACH

- Improved visibility
- > Full reach in forward position
- > Folds neatly for transport
- Enhanced comfort



- Spearhead innovation
- Superior flexibility
- Improved visibility
- Forward and reverse working range









TWIGA MID MOUNTING TYPES

The Twiga Mid series is available with three alternative mounting options for stable and safe performance. Heavy duty and high strength in design, your Twiga can be easily mounted in minutes.



- Easy to fit
- Heavy duty integrated stabiliser
- Adjustable height settings
- Pivoting top link nose
- Cushioned main frame
- Various nose ranges

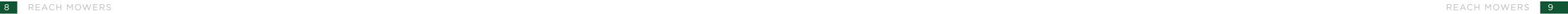


FOUR POINT LINKAGE

- Upgrade from standard three-point linkage
- Additional support from tractor clevis hitch
- Improves rigidity and stability



- > Retain flexibility of three-point linkage as standard
- Secures Twiga to tractor axle for superior rigidity and stability
- Reduces wear on tractor and Twiga
- Easily fitted



TWIGA MID CONTROL SYSTEMS TWIGA MID MACHINE FEATURES

The Twiga Mid series comes as standard with the Multipilot Hydraulic Proportional control system, giving all day operator comfort. All key functions are selected through the joystick and additional functions through the accompanying separate switch box.

An alternative fully electric Propilot Electric Proportional control system is available for a more compact in-cab solution.



MULTIPILOT HYDRAULIC PROPORTIONAL CONTROLS

- > Excellent comfort and feel
- Robust build
- Professional comfort armrest
- Electric rotor control



NAL CONTROLS PROPILOT ELECTRIC PROPORTIONAL CONTROLS

- Precision control
- Compact design
- Professional comfort armrest
- Electric rotor control



HEAD FLOAT

- Greater attachment ability in following changing ground contours across its width
- Automatically allows the head crowd to change its angling position during work



PARALLEL ARM SYSTEM

- Allows movement in and out from the tractor without altering the height of the attachment
- Single movement of the joystick required



DUAL CUSHIONED TOP LINK

- Cushions the mainframe from sway during machine operation
- Reduces stress on machine and tractor during transport



HYDRAULIC SLEW

- Allows for variable movement in the arm during operation
- Allows for compact transportation



CAB GUARD KIT

- Protects tractor and operator from flying debris
- > Standard supply on all machines with universal fitment
-) Contains all fasteners and mesh kit



DUAL DIRECTION ROTOR

- Fully independent hydraulics allows for downhill and uphill cutting
- Simple, rotor direction change through switch on controls
- Downhill cutting for heavy-duty mulching to break down heavy growth
- Uphill cutting for cleaner cut and finish



AUTOMATIC RESET

- Automatically brings back and lifts the arm in the event of a collision with an object
- The arm will then automatically return to the original working position



AUTOMATIC FLIP OVER BRACKET

When folding the arm into transport the cushioning bracket will automatically move into position without needing to leave the tractor cab

REACH MOWERS

TWIGA MID OPTIONAL EQUIPMENT



ARM FLOAT

- Greater arm ability in following ground contours
- Automatically allows the arm to fall and raise during work
 No requirement for specific tools



MECHANICAL QUICK ATTACH

- > Reduced time in changing multiple attachments



HYDRAULIC QUICK ATTACH

- Quick release probe fittings replace standard adaptors
- Push and release by hand
- No requirement for specific tools



DEBRIS BLOWER*

- > Blows cut debris back into the hedgerow
- > Fitted to the rear of the oil tank
- > Keeps roads and pathways clear



AUTOPILOT

- Advanced automatic control system which allows the flail head to follow ground contours
- No requirement for any operator input
- Increased working speed and efficiency
- Reduced operator fatigue



HIGHWAY KIT* Contains:

- Warning Arrow magnetic pass sign placed on the rear of the oil tank to guide passing traffic
- > Flashing LED's additional lighting fitted to the rear panel of the machine increasing visibility
- Alternative Colour for the requirements of the end user and/or increased visibility
- Highway Chevrons for high visibility during night operations



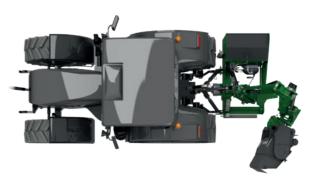




TWIGA MID OPTIONAL EQUIPMENT

NARROW LANE BRACKET*

- > Fits between arm and attachment
- Allows the cutting attachment to be brought inside of the width of the tractor
- > Provides an additional arc of operation for the cutting attachments
- > Single ram operation by tractor spool
- For use on small, single track roads





*Photographs for illustration purposes only.

ATTACHMENTS MP2 FLAIL HEAD

The MP1 head is favoured by grass mowing professionals with its enclosed cowl, standard wear skids and compact design. Featuring a host of flail options, this versatile head is also excellent for hedge cutting operations.













GRASS/HEDGE







MP2 FLAIL HEAD

DIRECT DRIVE **GEAR MOTOR**

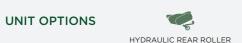






FLAIL HEAD

MPI





CUTTING WIDTH

1.2m / 1.5m



NUMBER OF FLAILS

28 or 36



ROLLER CUTTING HEIGHT





MO

APPLICATION

GRASS/HEDGE





300 Bar

MINIMUM FLOW

90 L/min

3. Competition Flail

REAR FLAP

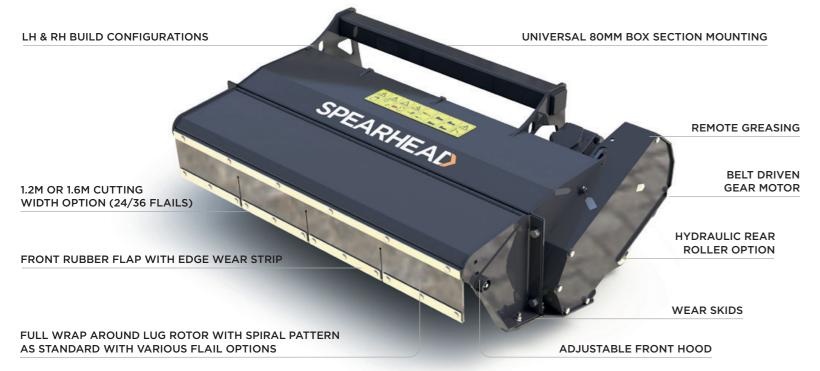
90 L/min

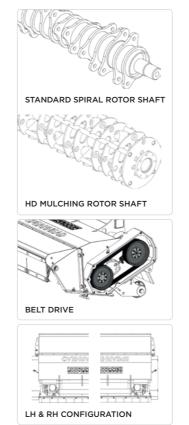
FLAILHEAD SKID KIT

UNIT OPTIONS

ATTACHMENTS CUTTERBARS

Belt drive with a maximum 1.6m cutting width, this all-round head is perfect for high output in all applications. Specify with a HD mulching rotor for extreme applications.







3. HD Mulching Flail* 4. Heavy Duty T-Flail



1.2m / 1.6m

or 4' / 5' 3"















GRASS/HEDGE

105 L/min

300 Bar

UNIT OPTIONS

FLAIL HEAD



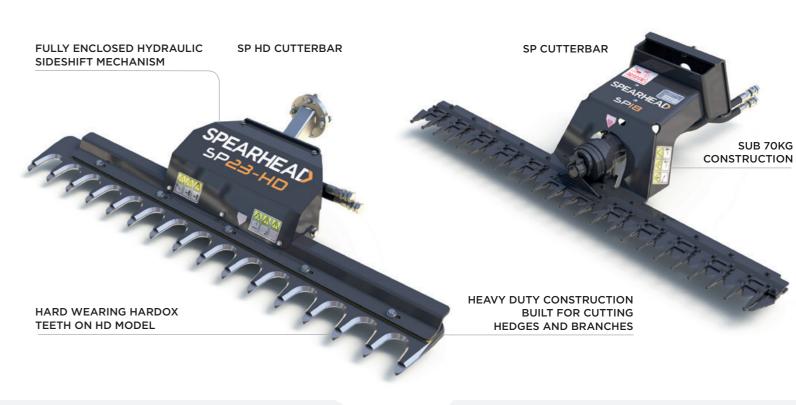






*Only available on HD mulching rotor

Spearhead's range of lightweight standard duty and heavy duty cutterbars are perfect for regular routine hedge cutting maintenance operations.





STANDARD DRIVE SYSTEM

STANDARD CUTTING BLADE

		2.1	M
CUTTING WIDTH	NO. OF BLADES	CUTTING CAPACITY	APPLI
1.5m / 4' 9"	19	40mm	HEI
1.8m / 5' 9"	23	40mm	HEI
2.1m / 6' 9"	27	40mm	HEI
1.7m / 5' 6"	26	100mm	HEI
2.3m / 7' 5"	30	100mm	HEI
2.7m / 8' 8"	36	100mm	HEI

		<u> </u>
APPLICATION	MINIMUM FLOW	PRESSURE
HEDGE	50 l/min	180 bar
HEDGE	50 l/min	180 bar
HEDGE	50 l/min	180 bar
HEDGE	50 l/min	300 Bar
HEDGE	50 l/min	300 Bar
HEDGE	50 l/min	300 Bar

SPI5 CUTTERBAR
SPI8 CUTTERBAR
SP2I CUTTERBAR
SPI7 HD CUTTERBAR
SP23 HD CUTTERBAR
SP27 HD CUTTERBAR

REACH MOWERS

CUTTING WIDTH

1.5m / 4'9"

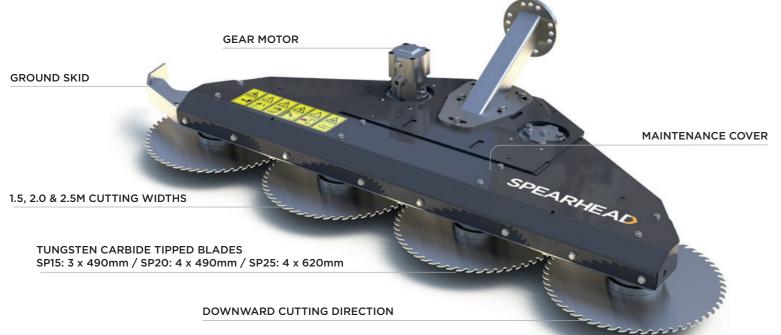
2.0m / 6' 5"

2.5m / 7' 9"

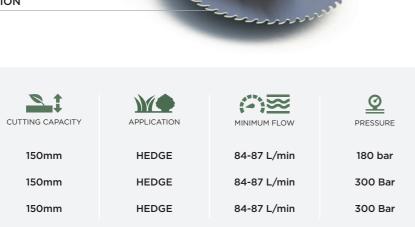
NUMBER OF BLADES

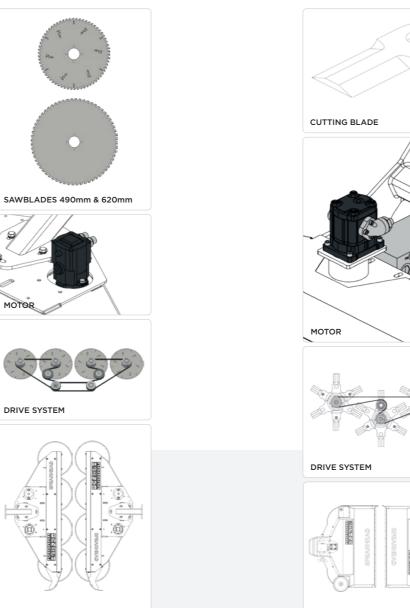
ATTACHMENTS ROTARY FINISHING HEAD

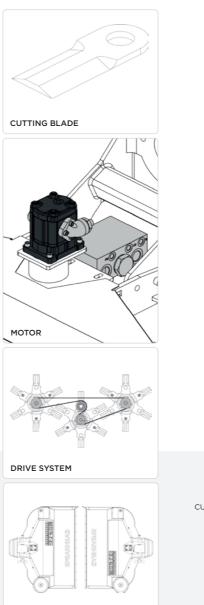
Spearhead's Trisaw and Quadsaw sawblades are designed for the felling of larger diameter branches and overgrowth which cannot be cut using the regular flail head, rotary head or cutterbar. Sawblades provide an excellent finish on material up to 200mm in diameter.











LH & RH CONFIGURATION











GRASS/HEDGE









REACH MOWERS REACH MOWERS

LH & RH CONFIGURATION

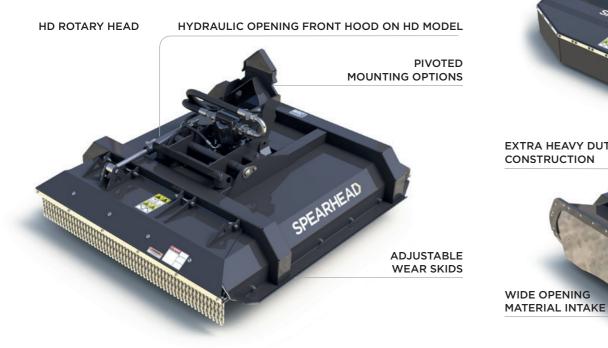
SPI5 TRISAW

SP20 QUADSAW

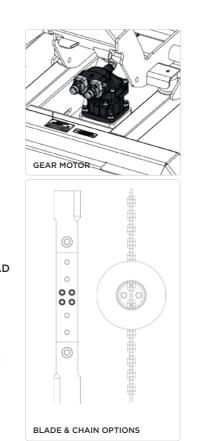
SP25 QUADSAW

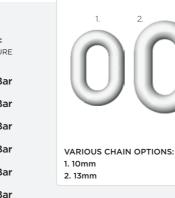
ATTACHMENTS ROTARY DITCH CLEANER

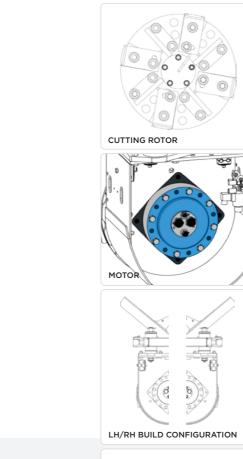
Spearhead's wide range of rotary heads offer an alternative to the conventional flail head and are utilized in roadside mowing applications where heavier undergrowth and rocks are present



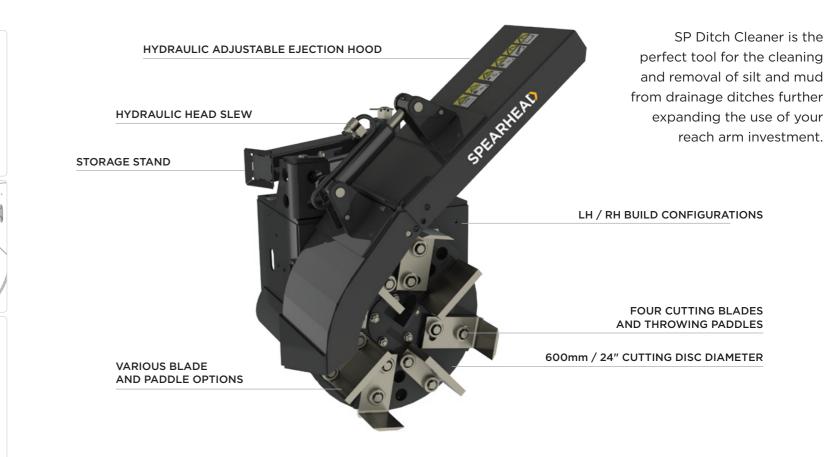














600mm / 24'





DITCH/GRIP





90 L/min

<u>Ø</u> PRESSURE

300 Bar

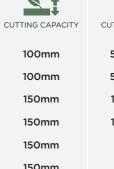






















SPI5 SHD ROTARY HEAD GRASS/HEDGE 90 L/min 300 Bar 150mm 65mm

REACH MOWERS

TWIGA MID SPECIFICATION Standard Equipment Optional Equipment — Not available

TWICA MID	555	FR55	VFR55	560	FR60	VFR60	T65	T70
SPECIFICATION								
Machine Weight*	1400kg	1450kg	1510kg	1420kg	1470kg	1530kgkg	1520kg	1580kg
TRACTOR REQUIREMENTS								
Minimum Tractor Weight	3750kg	4000kg	4000kg	4000kg	4250kg	4250	4500kg	5000kg
Tractor HP Guideline	100hp	100	100hp	100hp	100hp	100hp	100hp	100hp
TWIGA CONTROL SYSTEMS								
Multipilot Hydraulic Proportional Control System	-	_	_	_	_	_	-	_
Pilot Electric Proportional Control System								
MOUNTING								
Rear Three Point Linkage		_	_	_	_	_	_	_
Rear Three Point Linkage With Four Point Kit								
Rear Three Point Linkage With Axle Bracket Subframe								
ARM TYPES								
Standard Arm = S		_	_	_	_	_	_	_
Telescopic Arm = T	_	_	_	_	_	_		_
Forward Reach Arm = Fr	_	_	_	_	_	_	_	_
Variable Forward Reach Arm = VFR	_	_	_	_	_	_	_	_
Parallel Arm System			-			-		
Hydraulic Parallel System	_	_	_	_	_	_		_
HYDRAULIC SYSTEM								
System	Gear							
Pump	Iron							
Pump Arrangement	Twin							
Drive Type	Fully Independent							
Tank Capacity	210 Ltrs							
Horsepower	75hp							
Flow Rate (L/Min)	75Hp 105	105	105	105	105	105	105	105
KEY FEATURES & OPTIONS	105	105	105	105	105	105	105	105
Cushioned Top Link		_	_	_			-	
	-	_	-	_	-	-		-
Hydraulic Slew	-		-	_	-	-	-	-
Automatic Reset Head Float	-	-	-	-	-	-		-
Arm Float	_	_	_	_	_	_	_	_
Autopilot	_	_		_	_	_	_	_
Oil Cooler Dual Direction Poter (Flectric)	-	_	-	_	-	-	-	-
Dual Direction Rotor (Electric)		-	-	-	-	_	-	-
Hydraulic Oil	_	_	_	_	_	_	_	_
Biodegradeable Oil								
Narrow Lane Bracket								
Mechanical Quick Release Kit (1 Set - M/F)								
Hydraulic Quick Release Kit (1 Set - M/F)								
Hydraulic Roller								
SAFETY EQUIPMENT		_	_	_	_	_	_	_
Cab Guard Kit		_			-	-		-
Debris Blower And Mounting Kit								
Warning Arrow Kit								
LED Road Lighting Kit		<u> </u>	_	<u> </u>		-	_	-

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TWIGA MID	555	FR55	VFR55	560	FR60	VFR60	T65	T70
MP COMPACT FLAILHEADS								
1.0m MP Compact Direct Drive Flail Head	-	_	_	_	_	_	_	_
MP1 FLAILHEADS								
1.2m MP1 Direct Drive Flail Head	V	V	V	~	~	✓	V	~
1.2m MP1 Belt Drive Flail Head	✓	V	V	V	V	✓	V	V
1.5m MP1 Direct Drive Flail Head	✓	V	V	V	V	✓	V	~
1.5m MP1 Belt Drive Flail Head	V	V	V	V	V	V	V	V
MP2 FLAILHEADS								
1.2m MP2 Direct Drive Flail Head	✓	~						
PB FLAILHEADS								
1.2m PB Belt Drive Flail Head	✓	V	V	V	✓	✓	✓	V
1.2m PB Belt Drive Flail Head - HD Mulching Rotor	✓	V						
1.6m PB Belt Drive Flail Head	✓	✓	V	V	V	✓	✓	~
SP CUTTERBARS								
SP15 Cutterbar	✓	V	V	V	✓	✓	✓	V
SP18 Cutterbar	✓	✓	✓	V	V	✓	✓	V
SP21 Cutterbar	✓	~	V	V	V	✓	✓	V
SP HD CUTTERBARS								
SP17 HD Cutterbar	V	V	V	V	V	✓	✓	~
SP23 HD Cutterbar	~	✓	✓	V	✓	✓	✓	V
SP27 HD Cutterbar	✓	~	V	V	V	✓	✓	V
SP QUADSAWS								
SP15 Quadsaw	V	V	V	V	V	✓	✓	~
SP20 Quadsaw	~	✓	✓	V	✓	✓	✓	V
SP25 Quadsaw	✓	~	V	V	V	✓	✓	~
SP ROTARY FINISHING HEADS								
SP13 Rotary Finishing Head	V	V	V	V	V	V	V	V
SP ROTARY HEADS								
SP12 MD Rotary Head	V	V	V	V	V	✓	~	V
SP15 MD Rotary Head	~	V	~	~	V	~	~	V
SP12 HD Rotary Head	V	V	~	V	V	V	V	V
SP15 HD Rotary Head	~	V	~	~	V	~	V	~
SP12 Super HD Rotary Head	V	V	V	V	V	✓	~	V
SP15 Super HD Rotary Head	V	V	V	V	V	✓	~	_
SP ROTARY DITCH CLEANERS								
SP Ditch Cleaner	V	V	V	V	V	V	V	_

* Dependent on specification with oil less attachment

Flashing LEDs









