

# TWIGA CLASSIC



# 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.



Overview	
Features	6
Dimensions	
Arm Types	8
Mounting	Ş
Control Systems	10
Machine Features	1
Optional Equipment	12
ATTACHMENTS	
Flail Heads	12
Cutterbars	18
Sawblades	19
Rotary Finishing Heads	20
Ditch Cleaners	23

TWIGA COMPACT
TWIGA MID
TWIGA PRO
TWIGA FLEX
TWIGA ORBITAL

# TWIGA CLASSIC OVERVIEW

With Spearhead's renowned quality and robustness and many of the best features found in Professional Twiga models, the Twiga Classic hedge cutter range offers the best combination of specification and value for money on the market.

Perfect for farmers, contractors and local authorities, the Twiga Classic range is available in reaches between 5.0m and 6.5m, with various operating characteristics depending on model. All machines are rear mounted and feature parallel arm geometry as standard to create a machine which can be made to suit every working eventuality.

Precise control and all-day operator comfort is given through Spearhead's Pilot Hydraulic Proportional Control System as standard. In combination with a 65hp hydraulic system, and the ability of fitting a diverse range of attachment options, the Twiga Classic is the tool for any job.

TWIGA CLASSIC <b>550</b>	
TWIGA CLASSIC <b>55</b>	
TWIGA CLASSIC <b>555</b>	
TWIGA CLASSIC <b>FR55</b>	
TWIGA CLASSIC VFR55	
TWIGA CLASSIC <b>560</b>	
TWIGA CLASSIC <b>FR60</b>	
TWIGA CLASSIC VFR60	
TWIGA T65	

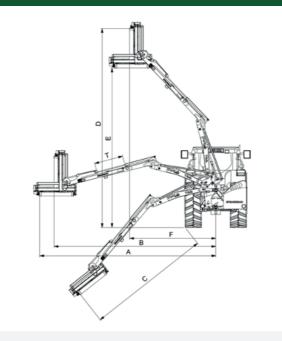
₩ HP	KG				<b>+</b> #+
TRACTOR POWER REQUIRED	TRACTOR WEIGHT	MACHINE POWER	MACHINE WEIGHT	MAXIMUM REACH	TRANSPORT WIDTH
80hp	2800kg	65hp	1100kg	4.9m / 16' 1"	2.2m / 7' 3"
80hp	3250kg	65hp	1200kg	4.9m / 16' 1"	2.2m / 7' 3"
80hp	3500kg	65hp	1230kg	5.5m / 18' 0"	2.2m / 7' 3"
80hp	3750kg	65hp	1280kg	5.5m / 18' 0"	2.3m / 7' 7"
80hp	3750kg	65hp	1320kg	5.5m / 18' 0"	2.3m / 7' 7"
80hp	3750kg	65hp	1250kg	5.9m / 19' 4"	2.2m / 7' 3"
80hp	4000kg	65hp	1310kg	5.9m / 19' 4"	2.3m / 7' 7"
80hp	4000kg	65hp	1340kg	5.9m / 19' 4"	2.3m / 7' 7"
80hp	4250kg	65hp	1310kg	6.4m / 21' 0"	2.2m / 7' 3"

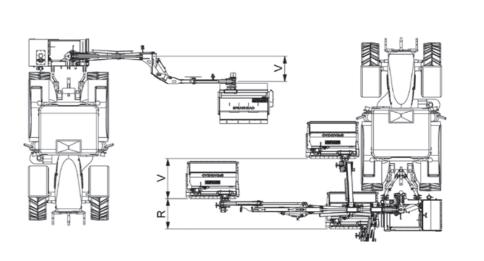
# TWIGA CLASSIC OVERVIEW

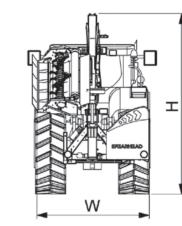


TWIGA CLASSIC FEATURES TWIGA CLASSIC DIMENSIONS









	Α	В	С	D	E	F	W	н	т	V	R
TWICA CLASSIC <b>550</b>	4.9m / 16′ 1″	4.4m / 14′ 5″	3.2m / 10′ 6″	5.9m / 19′ 4″	4.5m / 14′ 9″	2.2m / 7′ 3″	2.2m / 7′ 3″	3.0m / 9′ 11″	_	_	_
TWIGA CLASSIC <b>551</b>	4.9m / 16′ 1″	4.4m / 14′ 5″	3.2m / 10′ 6″	5.9m / 19′ 4″	4.5m / 14′ 9″	2.2m / 7′ 3″	2.2m / 7′ 3″	3.0m / 9′ 11″	_	_	-
TWIGA CLASSIC <b>555</b>	5.5m / 18' 0"	4.9m / 16′ 1″	3.6m / 11′ 10″	6.5m / 21′ 4″	5.1m / 16′ 9″	2.5m / 8′ 2″	2.2m / 7′ 3″	3.5m / 11′ 6″	_	_	_
TWIGA CLASSIC <b>FR55</b>	5.5m / 18' 0"	4.9m / 16′ 1″	3.6m / 11′ 10″	6.5m / 21′ 4″	5.1m / 16′ 9″	2.5m / 8′ 2″	2.3m / 7′ 7″	3.4m / 11′ 2″	_	0.7m / 2′ 4″	-
TWIGA CLASSIC <b>VFR55</b>	5.5m / 18' 0"	5.0m / 16′ 5″	3.7m / 12′ 2″	6.5m / 21′ 4″	5.1m / 16′ 9″	2.4m / 8′ 2″	2.3m / 7′ 7″	3.3m / 10′ 10″	_	1.1m / 3′ 7″	0.9m / 2′ 11″
TWIGA CLASSIC <b>560</b>	5.9m / 19′ 4″	5.3m / 17′ 5″	4.0m / 13′ 1″	6.8m / 22' 4"	5.4m / 17′ 8″	2.7m / 8′ 10″	2.2m / 7′ 3″	3.5m / 11′ 6″	_	_	-
TWIGA CLASSIC <b>FR60</b>	5.9m / 19′ 4″	5.4m / 17′ 9″	4.1m / 13′ 5″	6.9m / 22′ 8″	5.5m / 18′ 1″	2.6m / 8′ 6″	2.3m / 7′ 7″	3.4m / 11′ 2	_	0.7m / 2' 4"	_
TWIGA VFR60	5.9m / 19′ 4″	5.4m / 17′ 9″	4.1m / 13′ 5″	7.0m / 22′ 11″	5.5m / 18′ 1″	2.5m / 8′ 2″	2.3m / 7′ 7″	3.4m / 11′ 2″	_	1.1m / 3′ 7″	0.9m / 2′ 11″
TWIGA CLASSIC <b>T65</b>	6.4m / 21′ 0″	5.8m / 19′ 0″	4.4m / 14′ 5″	7.1m / 23′ 3″	5.7m / 18′ 8″	3.1m / 10′ 2″	2.2m / 7′ 3″	3.5m / 11′ 6″	0.9m / 2' 11"	_	_

### TWIGA CLASSIC 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 classic series.



#### **STANDARD**

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

#### **TELESCOPIC**

- Compact design
- Improved flexibility



### FORWARD REACH

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

### VFR VARIABLE FORWARD REACH

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





# TWIGA CLASSIC MOUNTING TYPES





The Twiga Classic 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 CLASSIC CONTROL SYSTEMS TWIGA CLASSIC MACHINE FEATURES

The Twiga Classic series is delivered standard with Pilot, hydraulic proportional controls providing precision operation, excellent comfort and ultimate reliability.

For the basic enthusiast a simple progressive cable control system can be offered as an alternative option.



#### PILOT CONTROLS

- Precision control
- Excellent comfort and feel
- Robust build
- **)** Easy mounting on seat armrest
- Cable rotor control



- Multi-lever design
- Progressive cable response
- Fingertip operation
- Economic design



#### PARALLEL ARM SYSTEM

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



#### **CUSHIONED TOP LINK**

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





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



#### **DUAL DIRECTION ROTOR**

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



#### CAB GUARD KIT

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

# TWIGA CLASSIC OPTIONAL EQUIPMENT



#### OIL COOLER

- > For machines working in demanding environments
- Electric temperature sensor
- > Fitted in line and cools oil prior to returning into tank



#### **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



#### ARM FLOAT

- Greater arm ability in following ground contours
- Automatically allows the arm to fall and raise during work



#### MECHANICAL QUICK ATTACH

- > Reduced time in changing multiple attachments
- > No requirement for specific tools > Push and release by hand



### HYDRAULIC QUICK ATTACH

- Quick release probe fittings replace standard adaptors



### DEBRIS BLOWER

- Blows cut debris back into theWarning Arrow magnetic pass hedgerow
- Fitted to the rear of the oil tank



#### **HIGHWAY KIT** Contains:

- 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



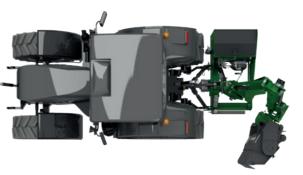






#### NARROW LANE BRACKET

- > 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







### ATTACHMENTS MP2 FLAIL HEAD

Direct drive, reinforced side walls, an open throat and compact hood,

The MP1 head is favored 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.

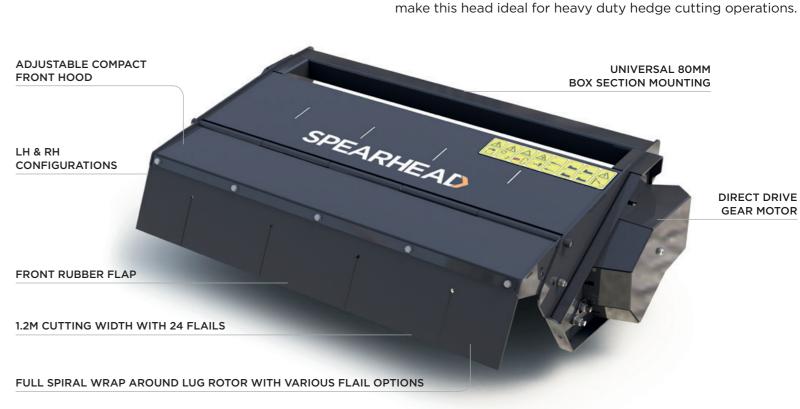
























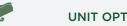
<u>Ø</u> PRESSURE

220 Bar

MP2 FLAIL HEAD













**CUTTING WIDTH** 

1.2m / 1.5m

4' / 5'





NUMBER OF FLAILS

28 or 36



ROLLER CUTTING HEIGHT



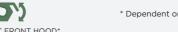


MO

APPLICATION

**GRASS/HEDGE** 





MINIMUM FLOW

90 L/min

\* Dependent on base unit specification

<u>Ø</u>

- 2. Boot Flail
- 3. Competition Flail

NUMBER OF FLAILS

1.2m / 4'

GRASS/HEDGE

90 L/min

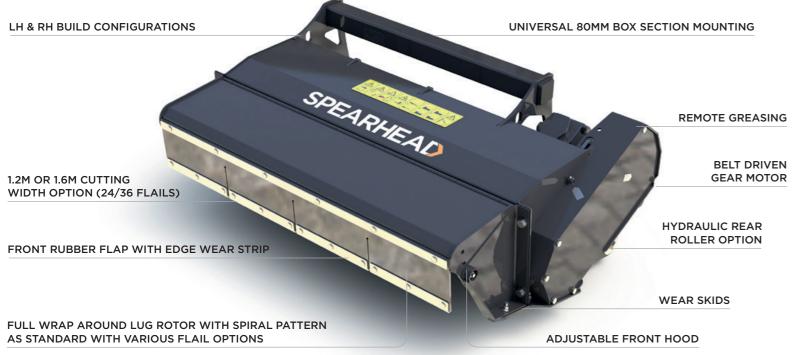
REAR FLAP

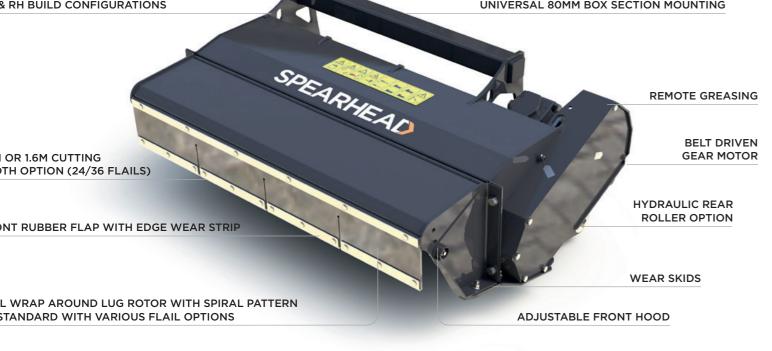


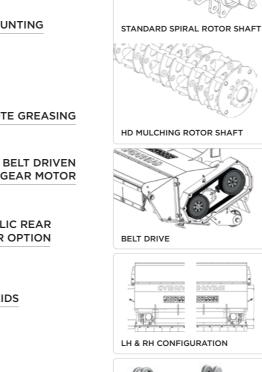
UNIT OPTIONS

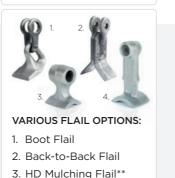
# **ATTACHMENTS CUTTERBARS**

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.



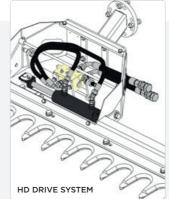




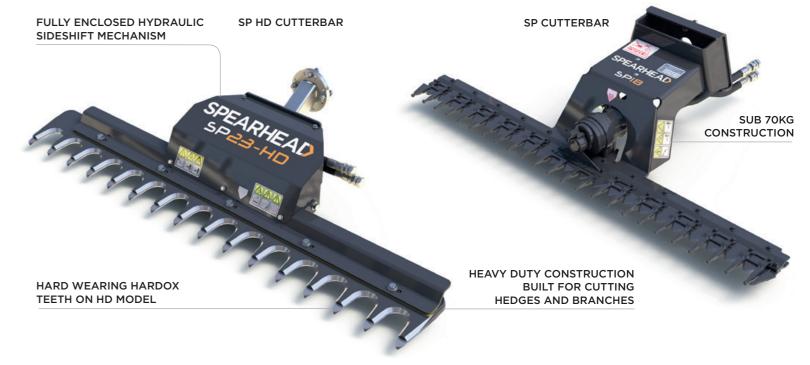


4. Heavy Duty T-Flail





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



<b>*</b>		

$\leftarrow \land \rightarrow$		\$	MO
CUTTING WIDTH	NO. OF BLADES	CUTTING CAPACITY	APPLICATION
1.5m / 4' 9"	19	40mm	HEDGE
1.8m / 5' 9"	23	40mm	HEDGE
2.1m / 6' 9"	27	40mm	HEDGE
1.7m / 5' 6"	26	100mm	HEDGE
2.3m / 7' 5"	30	100mm	HEDGE
2.7m / 8' 8"	36	100mm	HEDGE

<u>Ø</u> MINIMUM FLOW PRESSURE 50 I/min 180 bar 180 bar 50 I/min 50 I/min 180 bar 220 Bar 50 I/min 50 I/min 220 Bar 220 Bar

50 I/min









24 or 36





GRASS/HEDGE



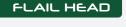
90 L/min



220 Bar

<u>Ø</u>

PRESSURE



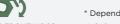








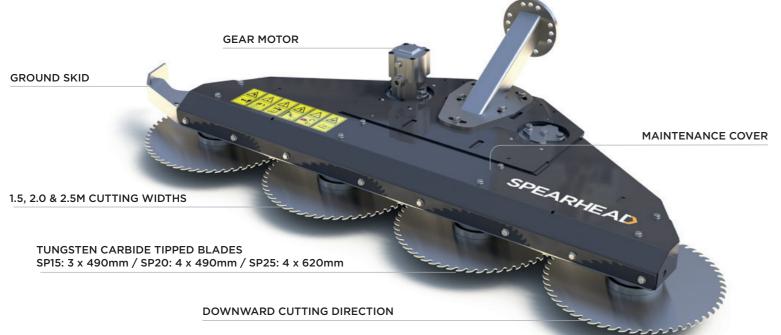


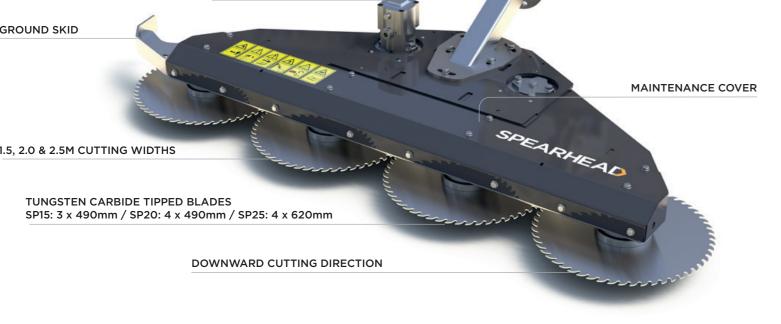


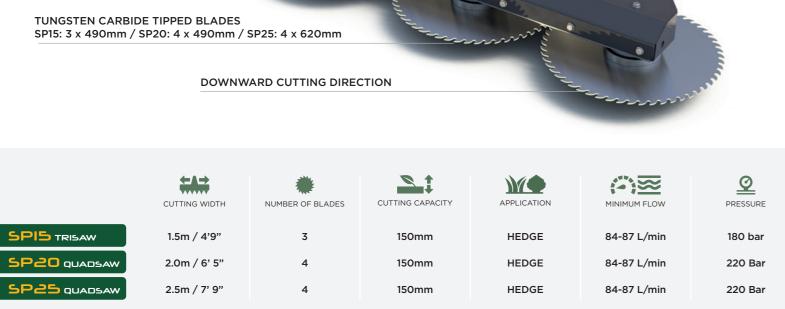
- Dependent on base unit specification
- \*\* Only available on HD mulching rotor

# ATTACHMENTS ROTARY FINISHING HEAD

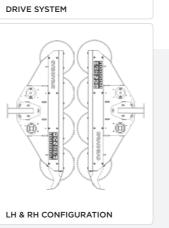
Spearhead's Trisaw and Quadsaw sawblades are designed for the felling of larger diameter branches and overgrowth which cannot be cut using the regular flail head, rotary head or cutterbar. Sawblades provide an excellent finish on material up to 200mm in diameter.

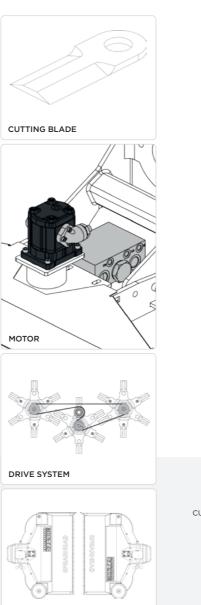












LH & RH CONFIGURATION

The SP13 rotary finishing head is specifically designed for hedge cutting. With a high mulching capability thanks to its multiple blades, it is the perfect choice for a customer who has a high-quality finish as their highest priority on up to two years growth. SUPPORT WHEEL **GEAR MOTOR** LH & RH BUILD CONFIGURATIONS **BELT DRIVE** 6 BLADE X 3 ROTOR FINE CUT CUTTING SYSTEM



4' 2"











FRONT RUBBER FLAP

MINIMUM FLOW







**BRANCH GUIDE** 

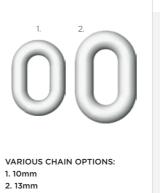
# ATTACHMENTS ROTARY DITCH CLEANER

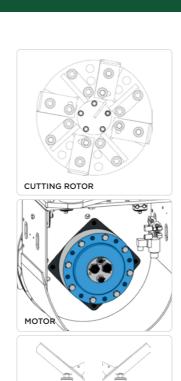
Spearhead's wide range of rotary heads offer an alternative to the conventional flail head and are utilized in roadside mowing applications where heavier undergrowth and rocks are present

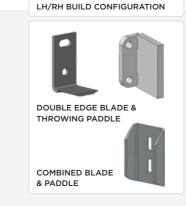


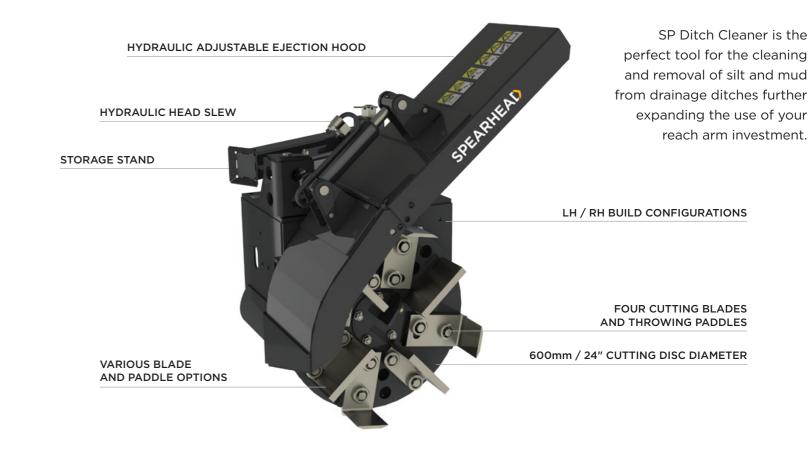














600mm / 24'

NUMBER OF **CUTTING BLADES** 





DITCH/GRIP



90 L/min



220 Bar

SP DITCH CLEANER

SPI2 MD ROTARY HEAD SPI5 MD ROTARY HEAD SPI2 HD ROTARY HEAD SPI5 HD ROTARY HEAD

CUTTING WIDTH 1.2m / 3' 11" SPI2 SHD ROTARY HEAD 1.2m / 3' 11"

NUMBER OF BLADES/CHAINS 2 (blades or chains) 100mm 2 (blades or chains) 2 (blades) or 3 (chains) 150mm

**CUTTING CAPACITY** 

150mm

CUTTING HEIGHT 50-75mm 50-75mm 13-65mm 13-65mm 65mm

MO APPLICATION GRASS/HEDGE GRASS/HEDGE GRASS/HEDGE GRASS/HEDGE

90 L/min 90 L/min 90 L/min 90 L/min GRASS/HEDGE 90 L/min

<u>Ø</u> PRESSURE MINIMUM FLOW 220 Bar 220 Bar 220 Bar 220 Bar 220 Bar

REACH MOWERS

TWIGA CLASSIC	550	551	555	FR55	VFR55	560	FR60	VFR60	T65
SPECIFICATION									
Machine Weight*	1100kg	1200kg	1230kg	1280kg	1320kg	1250kg	1310kg	1340kg	1310kg
TRACTOR REQUIREMENTS									
Minimum Tractor Weight	2800kg	3250kg	3500kg	3750kg	3750kg	3750kg	4000kg	4000kg	4250kg
Tractor HP Guideline	80hp	80hp							
TWIGA CONTROL SYSTEMS									
Progressive Cable Control System				_	_		_	_	_
Pilot Hydraulic Proportional Control System	_	_		<b>.</b>	<b>.</b>	<u> </u>	<u> </u>	<b>.</b>	<u> </u>
MOUNTING									
Rear Three Point Linkage	<u> </u>		_		_		_	_	
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	Gear							
Pump	Iron	Iron							
Pump Arrangement	Twin	Twin							
Drive Type	Fully Independent	Fully Independen							
Tank Capacity	190 Ltrs	190 Ltrs							
Horsepower	65hp	65hp							
·	90	90	90	90	90	90	90	90	90
Flow Rate (L/Min) KEY FEATURES & OPTIONS	90	90	90	90	90	90	90	90	90
Cushioned Top Link	_	_	-	_	-	_	-		_
·	-	-		-		-	_	-	
Hydraulic Slew	-	_	_	_	_	_	_	-	-
Automatic Reset	_	_	_	_	_			_	_
Dual Direction Rotor (Cable)	_	_	_	_	_	_ 	_ 	_	_
Head Float (Standard on Cable Controls)									
Arm Float								_	
Oil Cooler	_								
Hydraulic Oil	_	_	_	_		<u> </u>	_	_	
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	-	_	-	_	-	_	_	-	-
Flashing LEDs									

TWIGA CLASSIC	550	<b>55</b> I	555	FR55	VFR55	560	FR60	VFR60	T65
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	V	<b>v</b>	V
1.5m MP1 Direct Drive Flail Head	V	V	V	V	V	V	V	V	V
1.5m MP1 Belt Drive Flail Head	V	V	V	V	V	V	V	<b>✓</b>	V
MP2 FLAILHEADS									
1.2m MP2 Direct Drive Flail Head	V	V	V	~	V	V	~	V	V
PB FLAILHEADS									
1.2m PB Belt Drive Flail Head	V	V	V	V	V	V	~	V	V
1.2m PB Belt Drive Flail Head - HD Mulching Rotor	V	V	V	V	V	V	V	<b>✓</b>	V
1.6m PB Belt Drive Flail Head	-	V	V	_	-	V	_	_	_
SP CUTTERBARS									
SP15 Cutterbar	V	~	V	~	V	V	V	~	V
SP18 Cutterbar	V	V	V	V	V	V	V	<b>✓</b>	V
SP21 Cutterbar	V	V	V	V	V	V	V	<b>✓</b>	V
SP HD CUTTERBARS									
SP17 HD Cutterbar	V	V	V	V	V	V	~	V	V
SP23 HD Cutterbar	V	V	V	V	V	V	V	<b>✓</b>	V
SP27 HD Cutterbar	V	V	V	V	V	V	V	<b>✓</b>	V
SP QUADSAWS									
SP15 Quadsaw	V	V	V	~	~	V	~	V	V
SP20 Quadsaw	V	V	V	<b>✓</b>	V	<b>V</b>	~	<b>✓</b>	V
SP25 Quadsaw	V	V	V	V	V	V	V	<b>✓</b>	V
SP ROTARY FINISHING HEADS									
SP13 Rotary Finishing Head	V	V	V	~	~	V	~	V	V
SP ROTARY HEADS									
SP12 MD Rotary Head	V	V	V	V	~	V	~	V	V
SP15 MD Rotary Head	V	V	V	<b>✓</b>	~	<b>~</b>	V	<b>✓</b>	V
SP12 HD Rotary Head	V	V	V	V	V	V	V	<b>✓</b>	V
SP15 HD Rotary Head	_	V	V	_	_	V	_	_	_
SP12 Super HD Rotary Head	-	V	V	_	-	V	-	_	-
SP15 Super HD Rotary Head	_	_	_	_	_	_	_	_	_
SP ROTARY DITCH CLEANERS									
SP Ditch Cleaner	_	<b>✓</b>	~	_	_	V	_	_	_

\* Dependent on specification with oil less attachment



