

### TWIGA CLASSIC



### INTRODUCTION

#### 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.

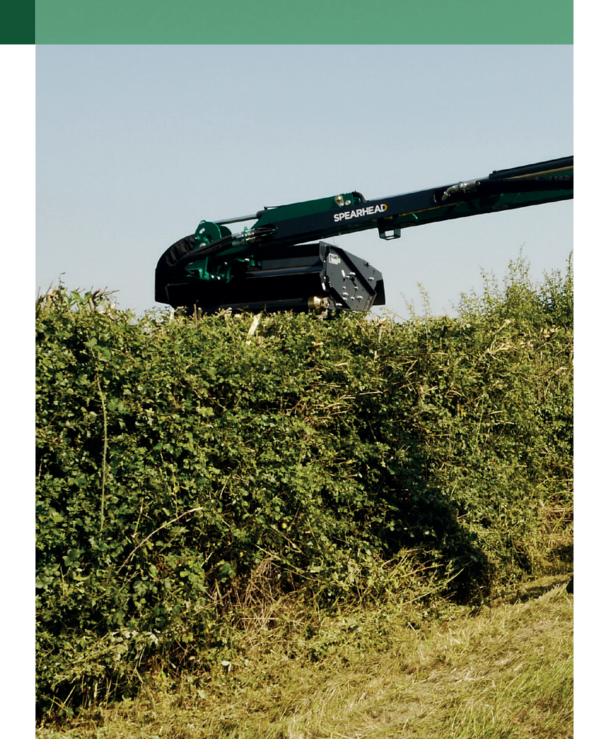
#### Twiga Reach Arm Mowers.

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.

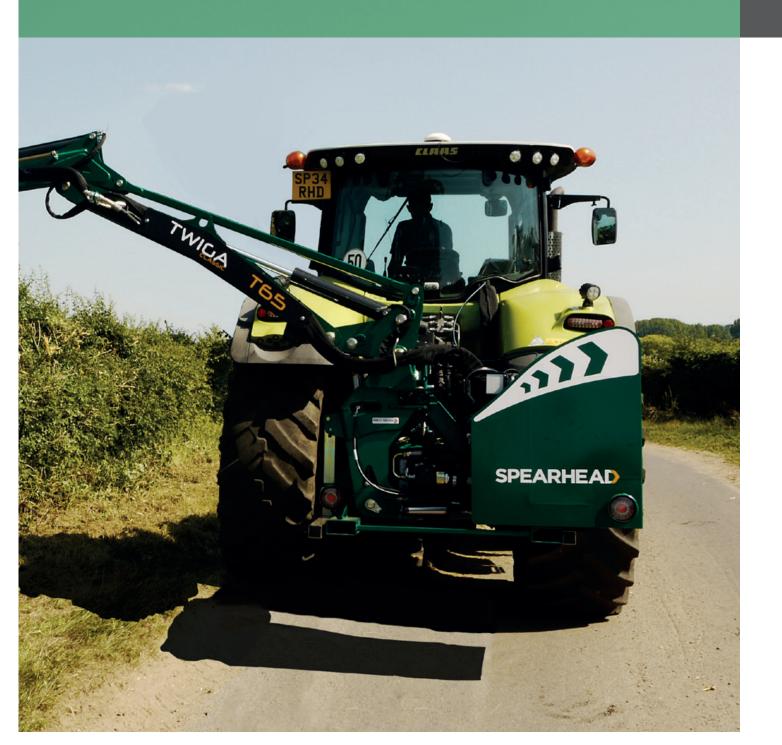
Twiga reach arms extend from a minimum of 3.2m to a maximum 8.9m, with a variety of arm types and machine control options to suit every operator's requirements.

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 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.

	TRACTOR POWER REQUIRED	TRACTOR WEIGHT	MACHINE POWER	MACHINE WEIGHT	MAXIMUM REACH	+A++ TRANSPORT WIDTH
TWIGA CLASSIC <b>550</b>	80hp	2800kg	65hp	1100kg	4.9m / 16' 1"	2.2m / 7' 3"
TWIGA CLASSIC <b>55</b> 1	80hp	3250kg	65hp	1200kg	4.9m / 16' 1"	2.2m / 7' 3"
TWICA CLASSIC <b>555</b>	80hp	3500kg	65hp	1230kg	5.5m / 18' 0"	2.2m / 7' 3"
TWICA CLASSIC FRSS	80hp	3750kg	65hp	1280kg	5.5m / 18' 0"	2.3m / 7' 7"
TWICA CLASSIC VFR55	80hp	3750kg	65hp	1320kg	5.5m / 18' 0"	2.3m / 7' 7"
TWICA CLASSIC <b>560</b>	80hp	3750kg	65hp	1250kg	5.9m / 19' 4"	2.2m / 7' 3"
TWIGA FR60	80hp	4000kg	65hp	1310kg	5.9m / 19' 4"	2.3m / 7' 7"
TWICA CLASSIC VFR60	80hp	4000kg	65hp	1340kg	5.9m / 19' 4"	2.3m / 7' 7"
TWIGA T65	80hp	4250kg	65hp	1310kg	6.4m / 21' 0"	2.2m / 7' 3"

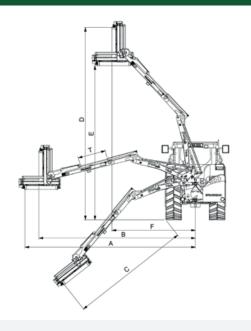
# TWIGA CLASSIC OVERVIEW

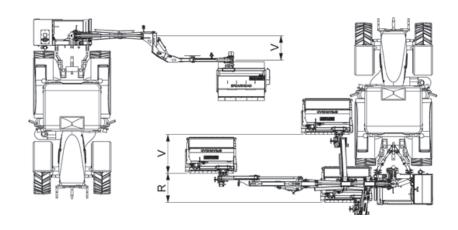


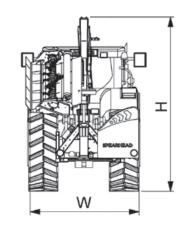
### TWIGA CLASSIC FEATURES



# TWIGA CLASSIC DIMENSIONS







	A	В	С	D	E	F	W	Н	Т	V	R
TWIGA 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″	_	_	_
TWICA 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″	_	_	-
TWICA 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″	_	_	-
TWICA CLASSIC FRS5	5.5m / 18′ O″	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″	-
TWICA CLASSIC VFR55	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″
TWICA 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″	-	_	_
TWICA CLASSIC FR60	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″	-
TWICA 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
- Additional reach where required
- Easy arm extension





#### 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









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



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



#### SUB FRAME AXLE MOUNTS

- > 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

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

### TWIGA CLASSIC MACHINE FEATURES



#### 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





#### **HYDRAULIC SLEW**

- > 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





- > 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
- > 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



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

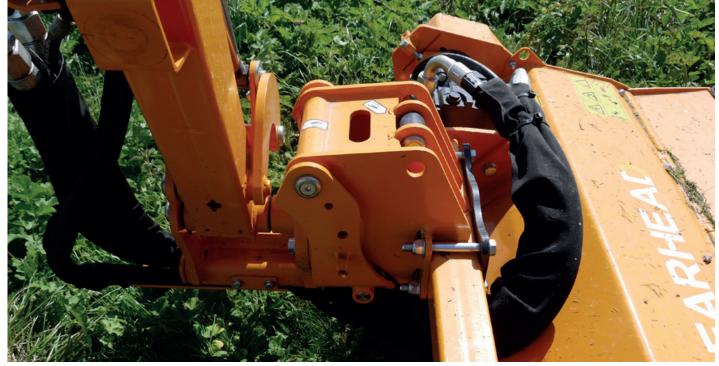
- Warning Arrow magnetic pass sign placed on the rear of the oil tank to guide passing traffic
- > Flashing LED's additional lighting fitted to the rear panel of the machine increasing visibility
- Alternative Colour for the requirements of the end user and/or increased visibility
- Highway Chevrons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

<sup>\*</sup>Photographs for illustration purposes only.

## TWIGA CLASSIC OPTIONAL EQUIPMENT

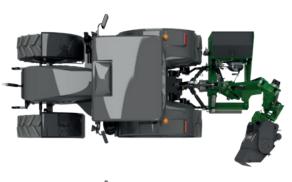






#### NARROW LANE BRACKET

- > 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





### ATTACHMENTS MP1 FLAIL HEAD

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.











COWL WEAR PLATE

NUMBER OF FLAILS

28 or 36









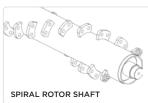


90 L/min

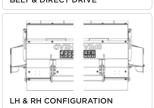


220 Bar

\* Dependent on base unit specification









#### VARIOUS FLAIL OPTIONS:

- 1. C-Flail
- 2. Back-to-Back Flail
- 3. T-Flail
- 4. Heavy-duty T-Flail
- 5. Boot Flail









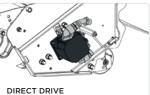
FLAIL HEAD

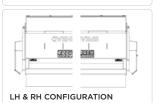
**UNIT OPTIONS** 

MPI

### ATTACHMENTS MP2 FLAIL HEAD



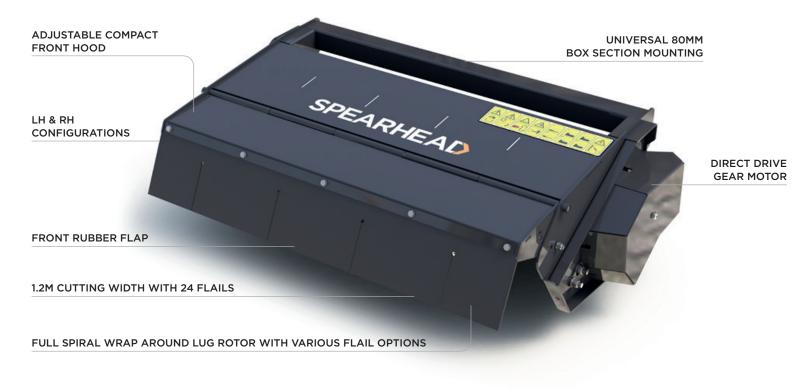






1. Heavy-duty T-Flail 2. Boot Flail 3. Competition Flail

Direct drive, reinforced side walls, an open throat and compact hood, make this head ideal for heavy duty hedge cutting operations.





1.2m / 4'

NUMBER OF FLAILS

24



-80 - +125mm

**GRASS/HEDGE** 





90 L/min

220 Bar





**UNIT OPTIONS** 

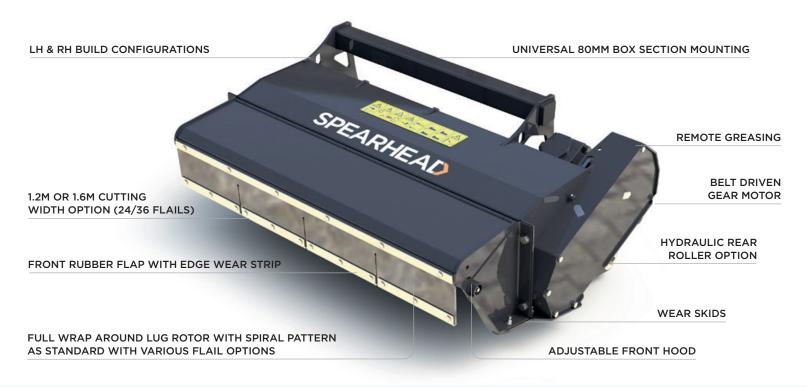
FLAIL HEAD

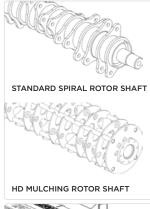
MP2



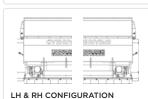
### ATTACHMENTS PROJECT BLACK FLAIL HEAD

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.













#### **VARIOUS FLAIL OPTIONS:**

- 1. Boot Flail
- 2. Back-to-Back Flail
- 3. HD Mulching Flail\*\*
- 4. Heavy Duty T-Flail



**CUTTING WIDTH** 

1.2m / 1.6m

or 4' / 5' 3"

NUMBER OF FLAILS

24 or 36



-70 - +135mm



**GRASS/HEDGE** 



110 L/min









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

PRESSURE

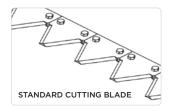
220 Bar

FLAIL HEAD

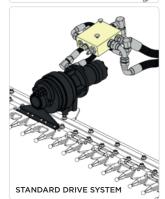
**UNIT OPTIONS** 

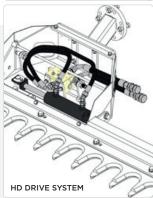
PB

### **ATTACHMENTS CUTTERBARS**









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

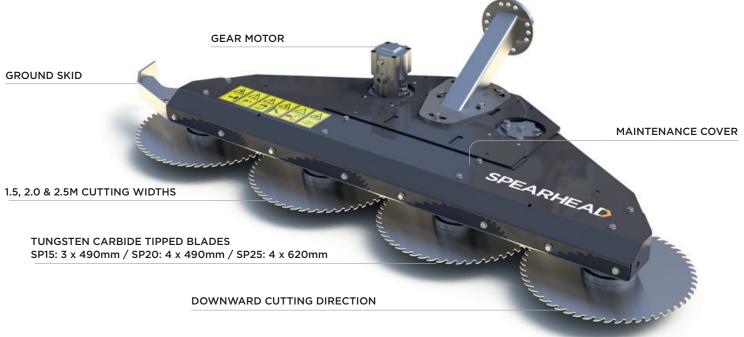


		2 1		(2)≅	<u>Ø</u>
CUTTING WIDTH	NO. OF BLADES	CUTTING CAPACITY	APPLICATION	MINIMUM FLOW	PRESSURE
1.5m / 4' 9"	19	40mm	HEDGE	50 l/min	180 bar
1.8m / 5' 9"	23	40mm	HEDGE	50 l/min	180 bar
2.1m / 6' 9"	27	40mm	HEDGE	50 l/min	180 bar
1.7m / 5' 6"	26	100mm	HEDGE	50 l/min	220 Bar
2.3m / 7' 5"	30	100mm	HEDGE	50 l/min	220 Bar
2.7m / 8' 8"	36	100mm	HEDGE	50 l/min	220 Bar

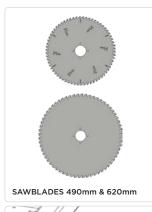
SPI5 CUTTERBAR
SPI8 CUTTERBAR
SP2I CUTTERBAR
SPI7 HD CUTTERBAR
SP23 HD CUTTERBAR
SP27 HD CUTTERBAR

### **ATTACHMENTS SAWBLADES**

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.

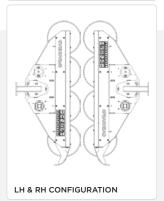












SPI5 TRISAW
SP20 QUADSAW
SP25 QUADSAW

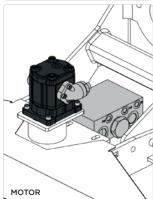
<del></del>		21
CUTTING WIDTH	NUMBER OF BLADES	CUTTING CAPA
1.5m / 4'9"	3	150mm
2.0m / 6' 5"	4	150mm
2.5m / 7' 9"	4	150mm

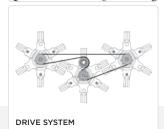
CUTTING CAPACITY	APPLICATION
150mm	HEDGE
150mm	HEDGE
150mm	HEDGE

MINIMUM FLOW	PRESSURE
84-87 L/min	180 bar
84-87 L/min	220 Bar
84-87 L/min	220 Bar

### ATTACHMENTS ROTARY FINISHING HEAD









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.





CUTTING WIDTH

1.3m / 4' 2"



18



CUTTING CAPACITY

30mm / 1.81"



APPLICATION

GRASS/HEDGE



IINIMUM FLOW

45 L/min

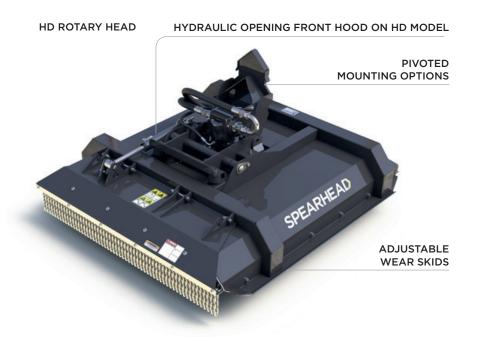
180 bar



**SPI3** FINISHING HEAD

### **ATTACHMENTS ROTARY HEADS**

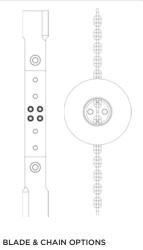
Spearhead's wide range of rotary heads offer an alternative to the conventional flail head and are utilized in roadside mowing applications where heavier undergrowth and rocks are present.











SPI2 MD ROTARY HEAD
SPIS MD ROTARY HEAD
SPI2 HD ROTARY HEAD
SPI5 HD ROTARY HEAD
SPI2 SHD ROTARY HEAD

CUTTING WIDTH
1.2m / 3' 11"
1.5m / 4' 11"
1.2m / 3' 11"
1.5m /4' 11"
1.2m/3'11"

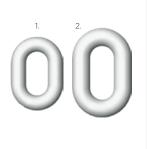
5♠
NUMBER OF BLADES/CHAINS
2 (blades or chains)
2 (blades or chains)
2 (blades) or 3 (chains)
2 (blades) or 3 (chains)
2 (chains)

	CUTTING CAPACITY	
,	100mm	
)	100mm	
s)	150mm	
s)	150mm	
	150mm	

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

APPLICATION	MINIMUM FLOW
RASS/HEDGE	90 L/min

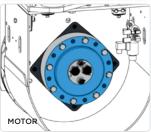
PRESSURE
220 Bar

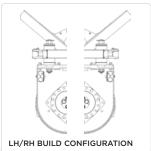


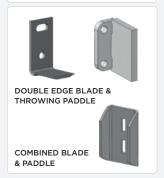
VARIOUS CHAIN OPTIONS: 1. 10mm 2. 13mm

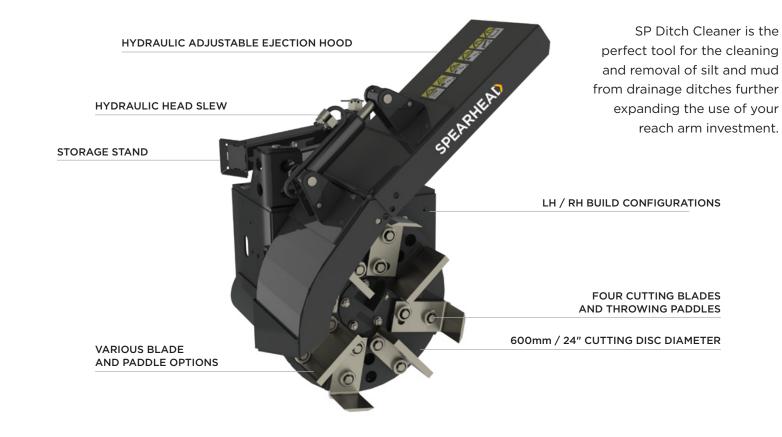
### ATTACHMENTS ROTARY DITCH CLEANER

















DITCH/GRIP





90 L/min

220 Bar



TWIGA CLASSIC	550	S5I	555	FR55	VFR55	560	FR60	VFR60	T65
SPECIFICATION									
Machine Weight*	1100	1200	1230	1280	1320	1250	1310	1340	1310
TRACTOR REQUIREMENTS	1100	1200	1230	1280	1320	1250	1310	1340	1310
Minimum Tractor Weight	2800	3250	3500	3750	3750	3750	4000	4000	4250
Tractor HP Guideline	80	80	80	80	80	80	80	80	80
TWIGA CONTROL SYSTEMS	80	80	80	80	80	80	80	80	80
Progressive Cable Control System				_	_		_	_	_
Pilot Hydraulic 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	190 Ltrs								
Horsepower	65HP								
Flow Rate (L/Min)	90	90	90	90	90	90	90	90	90
KEY FEATURES & OPTIONS									
Cushioned Top Link	•	-	-	•	<u> </u>	-	-	-	<u> </u>
Hydraulic Slew		-	-	•	_	-	•	•	-
Automatic Reset	_	_	_	_	_	_	_	_	_
Dual Direction Rotor (Cable)	•	-	-	-	_	-	-	-	-
Head Float (Standard on Cable Controls)									
Arm Float									
Oil Cooler									
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	•	•	•			<b>-</b>	<b>-</b>	•	
Debris Blower And Mounting Kit									
Warning Arrow Kit									
Led Road Lighting Kit	<b>=</b>	<b>=</b>	<b>=</b>	<b>=</b>	_	<u> </u>	<b>=</b>	_	<u> </u>
Flashing Leds									

<sup>\*</sup> Dependent on specification with oil less attachment

TWIGA CLASSIC	550	551	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	V	V	~	V	V
1.2m MP1 Belt Drive Flail Head	V	V	V	V	V	V	~	V	V
1.5m MP1 Direct Drive Flail Head	V	V	V	V	V	<b>✓</b>	~	V	V
1.5m MP1 Belt Drive Flail Head	V	V	V	V	V	V	V	V	V
MP2 FLAILHEADS									
1.2m MP2 Direct Drive Flail Head	V	V	~	V	V	V	V	V	V
PB FLAILHEADS									
1.2m PB Belt Drive Flail Head	V	~	~	~	~	V	V	V	V
1.2m PB Belt Drive Flail Head - HD Mulching Rotor	V	V	V	V	<b>✓</b>	V	V	V	V
1.6m PB Belt Drive Flail Head	-	V	V	-	-	V	_	-	-
SP CUTTERBARS									
SP15 Cutterbar	V	V	V	~	~	V	V	V	V
SP18 Cutterbar	V	V	V	V	V	V	V	V	V
SP21 Cutterbar	V	V	V	V	V	V	V	V	V
SP HD CUTTERBARS									
SP17 HD Cutterbar	V	V	V	V	~	<b>✓</b>	~	V	V
SP23 HD Cutterbar	V	V	V	V	<b>✓</b>	<b>✓</b>	<b>✓</b>	V	V
SP27 HD Cutterbar	V	V	V	V	<i>V</i>	V	<b>✓</b>	V	V
SP QUADSAWS									
SP15 Quadsaw	V	V	V	V	<b>✓</b>	<b>✓</b>	<b>✓</b>	V	V
SP20 Quadsaw	<b>V</b>	V	V	V	<i>V</i>	<b>✓</b>	~	V	V
SP25 Quadsaw	V	V	V	V	V	V	<b>✓</b>	V	V
SP ROTARY FINISHING HEADS									
SP13 Rotary Finishing Head	V	V	V	V	<b>v</b>	<b>✓</b>	<b>✓</b>	V	V
SP ROTARY HEADS									
SP12 MD Rotary Head	V	V	V	V	V	<b>✓</b>	~	V	V
SP15 MD Rotary Head	~	V	V	V	V	V	<b>✓</b>	V	V
SP12 HD Rotary Head	V	V	V	V	V	V	~	V	V
SP15 HD Rotary Head	_	<b>✓</b>	V	_	_	V	_	_	_
SP12 Super HD Rotary Head	_	V	V	_	_	V	_	_	_
SP15 Super HD Rotary Head	_	_	_	_	_	_	_	_	_
SP ROTARY DITCH CLEANERS									
SP Ditch Cleaner	_	V	V	_	_	V	_	_	_



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