

SPEARHEAD

TWIGA COMPACT



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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ATTACHMENTS

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VIEW OUR OTHER TWIGA RANGES

TWIGA CLASSIC

TWIGA MID

TWIGA PRO

TWIGA FLEX

TWIGA ORBITAL

TWIGA COMPACT SERIES

Spearhead's Twiga Compact series reach mower incorporates the same robust technology as larger models in the Spearhead range to bring enhanced levels of durability and reliability in a compact package.

Suitable for local amenity and grounds maintenance, the Twiga Compact series is available in a large range of different reaches and configurations to fit the operator and tractor requirements.

Ease of use is brought through Spearhead's Minipilot electric proportional controls and potent 30hp fully independent hydraulic system supplied standard to complement the large array of working attachments in which the machine can be fitted with. Simple cable controls can be fitted as an alternative.

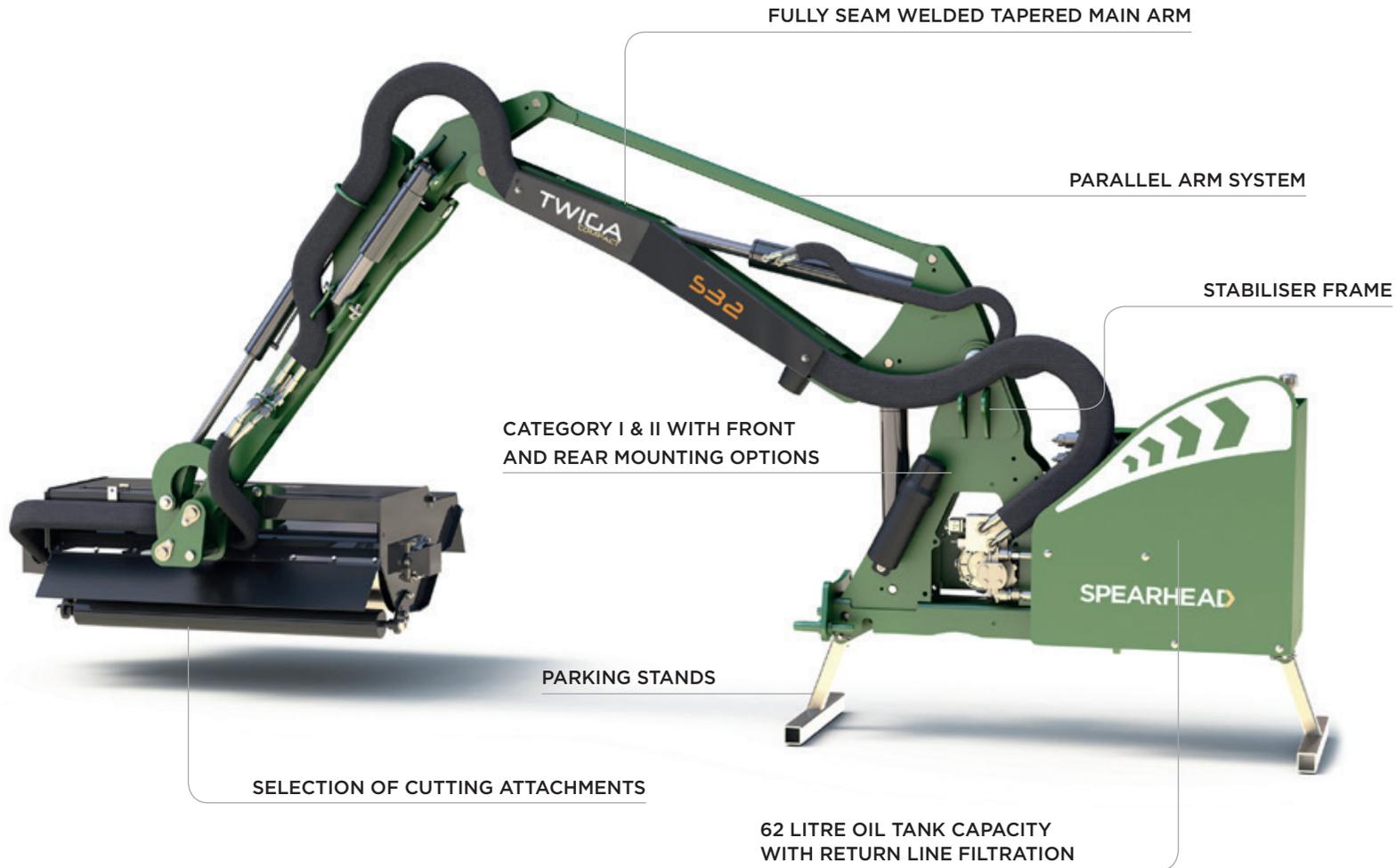
	 TRACTOR POWER REQUIRED	 TRACTOR WEIGHT	 MACHINE POWER	 MACHINE WEIGHT	 MAXIMUM REACH	 TRANSPORT WIDTH
TWIGA COMPACT S32	30hp	1300kg	30hp	480kg	3.6m / 11' 10"	1.9m / 6' 3"
TWIGA COMPACT S42	30hp	2000kg	30hp	520kg	4.6m / 15' 2"	2.3m / 7' 6"
TWIGA COMPACT S49	30hp	2000kg	30hp	540kg	4.9m / 16' 1"	2.4m / 7' 10"
TWIGA COMPACT S36 FM	30hp	1300kg	30hp	500kg	4.0m / 13' 1"	1.9m / 6' 3"
TWIGA COMPACT S46 FM	30hp	2000kg	30hp	540kg	4.9m / 16' 1"	2.4m / 7' 10"
TWIGA COMPACT S36 COMBI	30hp	1300kg	30hp	420/220kg	4.0m / 13' 1"	1.9m / 6' 3"
TWIGA COMPACT S46 COMBI	30hp	2000kg	30hp	460/220kg	4.9m / 16' 1"	2.4m / 7' 10"
TWIGA COMPACT S32 BASIC	30hp	1300kg	30hp	420kg	3.6m / 11' 10"	1.9m / 6' 3"
TWIGA COMPACT S42 BASIC	30hp	2000kg	30hp	460kg	4.6m / 15' 2"	2.3m / 7' 6"
TWIGA COMPACT S36 BASIC	30hp	1300kg	30hp	440kg	4.0m / 13' 1"	1.9m / 6' 3"
TWIGA COMPACT S46 BASIC	30hp	2000kg	30hp	480kg	4.9m / 16' 1"	2.4m / 7' 10"

TWIGA COMPACT OVERVIEW



TWIGA COMPACT FEATURES

STANDARD FRONT & REAR MOUNT



OTHER BUILD CONFIGURATIONS

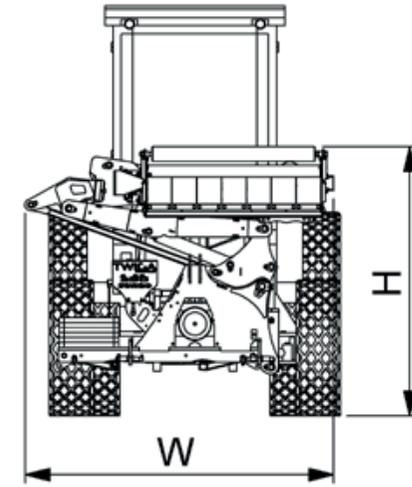
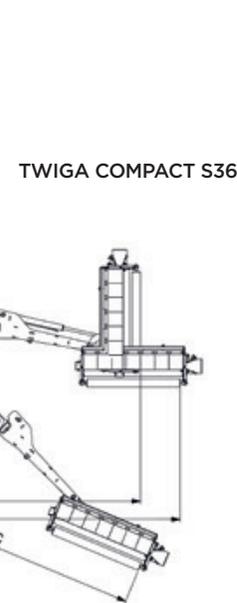
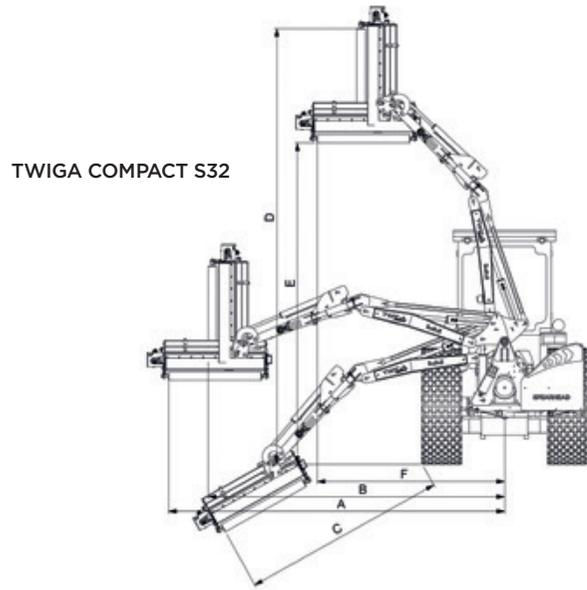
COMBI



BASIC



TWIGA COMPACT DIMENSIONS



	A	B	C	D	E	F	W	H
TWIGA COMPACT S32	3.6m / 11' 10"	3.2m / 10' 6"	2.2m / 7' 2"	4.6m / 15' 2"	3.4m / 11' 2"	2.0m / 6' 7"	1.9m / 6' 3"	2.4m / 7' 10"
TWIGA COMPACT S42	4.6m / 15' 2"	4.1m / 13' 5"	3.1m / 10' 2"	5.4m / 17' 9"	4.2m / 13' 9"	2.1m / 6' 11"	2.3m / 7' 6"	2.7m / 8' 10"
TWIGA COMPACT S49	4.9m / 16' 1"	4.4m / 14' 5"	3.8m / 12' 6"	5.0m / 16' 5"	4.2m / 13' 9"	1.4m / 4' 7"	2.4m / 7' 10"	1.7m / 5' 7"
TWIGA COMPACT S36 FM	4.0m / 13' 1"	3.4m / 11' 2"	2.8m / 9' 2"	4.1m / 13' 5"	3.2m / 10' 6"	1.3m / 4' 3"	1.9m / 6' 3"	1.6m / 5' 3"
TWIGA COMPACT S46 FM	4.9m / 16' 1"	4.4m / 14' 5"	3.8m / 12' 6"	5.0m / 16' 5"	4.2m / 13' 9"	1.4m / 4' 7"	2.4m / 7' 10"	1.7m / 5' 7"
TWIGA COMPACT S36 COMBI	3.6m / 11' 10"	3.2m / 10' 6"	2.2m / 7' 2"	4.6m / 15' 2"	3.4m / 11' 2"	2.0m / 6' 7"	1.9m / 6' 3"	2.4m / 7' 10"
TWIGA COMPACT S46 COMBI	4.9m / 16' 1"	4.4m / 14' 5"	3.8m / 12' 6"	5.0m / 16' 5"	4.2m / 13' 9"	1.4m / 4' 7"	2.4m / 7' 10"	1.7m / 5' 7"
TWIGA COMPACT S32 BASIC	3.6m / 11' 10"	3.2m / 10' 6"	2.2m / 7' 2"	4.6m / 15' 2"	3.4m / 11' 2"	2.0m / 6' 7"	1.9m / 6' 3"	2.4m / 7' 10"
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TWIGA COMPACT S36 BASIC	4.0m / 13' 1"	3.4m / 11' 2"	2.8m / 9' 2"	4.1m / 13' 5"	3.2m / 10' 6"	1.3m / 4' 3"	1.9m / 6' 3"	1.6m / 5' 3"
TWIGA COMPACT S46 BASIC	4.9m / 16' 1"	4.4m / 14' 5"	3.8m / 12' 6"	5.0m / 16' 5"	4.2m / 13' 9"	1.4m / 4' 7"	2.4m / 7' 10"	1.7m / 5' 7"

TWIGA COMPACT ARM TYPES

Spearhead's comprehensive range of Twiga Compact reach arms can be built to fit a wide range of potential operator requirements. Adaptable to front and rear mounting along with alternative mounting options for specific prime movers.



REAR MOUNT

- › Standard arm
- › 3.2 and 4.9m reach options
- › Rear three point linkage mounted
- › Compact transport width

COMBI

- › Standard and offset arm options
- › 3.2, 3.6 low, 4.2 and 4.6m low reach options
- › Front mounted reach arm
- › Rear mounted pump station with hydraulic hoses to the front attachment



LOW FRONT MOUNT

- › Offset arm
- › 3.6 and 4.6m reach options
- › Front three point linkage mounted
- › Compact transport width
- › Arm folds over flat for better visibility in transport position

BASIC

- › Standard and offset arm options
- › 3.2 and 4.2m standard, and 3.6 and 4.6 offset reach options
- › Front mounted reach arm utilising the hydraulic power supply of the carrying vehicle



TWIGA COMPACT BUILD CONFIGURATIONS



TWIGA COMPACT MOUNTING

THREE POINT LINKAGE

- › Easy to fit
- › Heavy duty integrated stabiliser
- › Adjustable height settings



Three Point Linkage

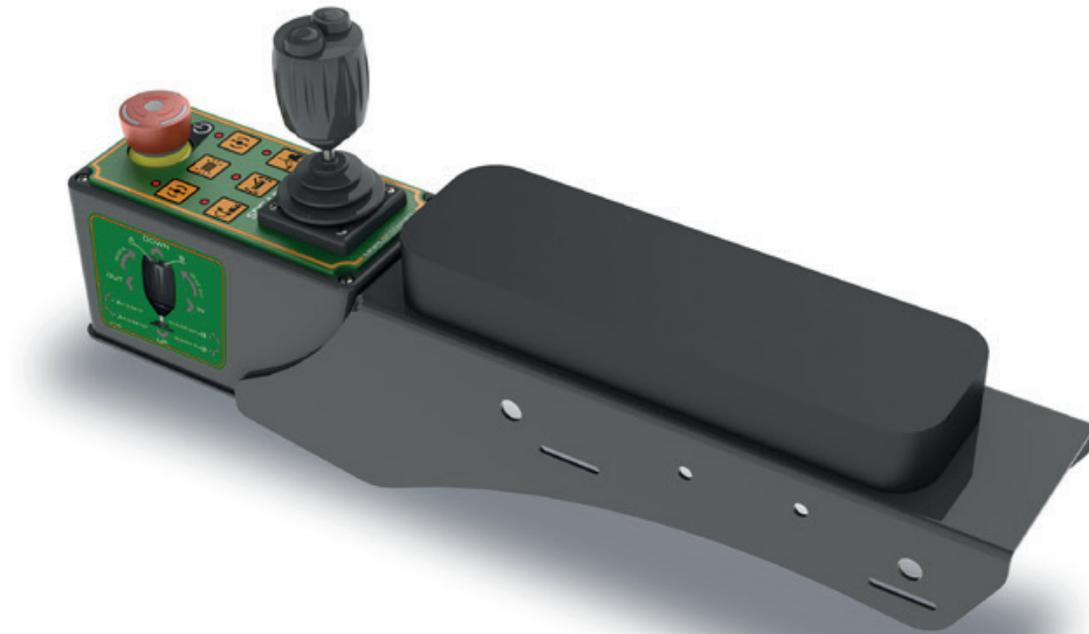
BRACKET/ADAPTOR KIT MOUNTED



The Twiga Compact series comes as standard with the Minipilot Electric Proportional control system, giving all day comfort. Operating functions are easy to hand on the incorporated control box.

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

On the Twiga Basic series it is also possible to control the machine directly from the control system of the tractor or prime mover.



MINIPILOT ELECTRIC PROPORTIONAL CONTROLS

- › Proportional control
- › Excellent comfort and feel
- › Compact design
- › Robust build



PROGRESSIVE CABLE CONTROLS

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

TWIGA COMPACT 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



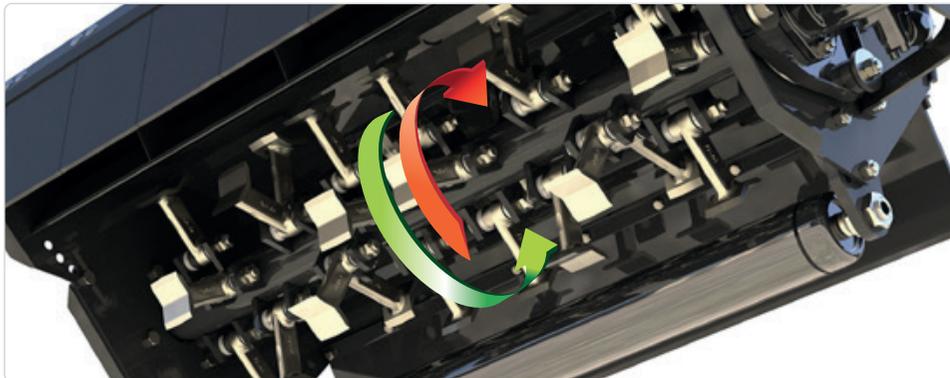
STABILISER FRAME

- › Adjustable mounting frame that fits between the tractor and reach mower to provide enhanced stability



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



HYDRAULIC BREAKBACK WITH AUTO RESET

- › Automatically bring 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

TWIGA COMPACT OPTIONAL EQUIPMENT



OIL COOLER

- › For machines working in more demanding environments
- › Electric temperature sensor
- › Fitted in line and cools 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



HYDRAULIC QUICK ATTACH*

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



FRONT & REAR MOUNT LIGHT KIT

- › Rear brake lights and indicators improving on road visibility
- › Benefit in low light working applications



BIODEGRADABLE OIL

- › Eco friendly oil suitable for machines intended to be used by open water courses tools



HOSE KIT (COMBI ONLY)*

- › Hydraulic hoses to join the front mount attachment and arm and rear mounted tank



COUNTERWEIGHT (COMBI AND BASIC ONLY)

- › 150kg added opposite to the cutting attachment to counteract the weight of the cutting attachment when on maximum reach

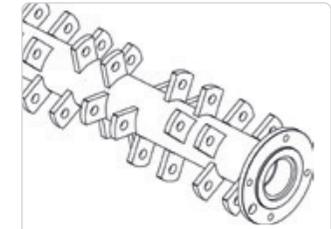


BRACKET/ADAPTOR KIT MOUNTED

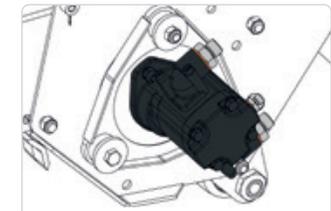
- › Allows for the three-point linkage mounting to be fitted to a tool carrier

* Photographs for illustration purposes only.

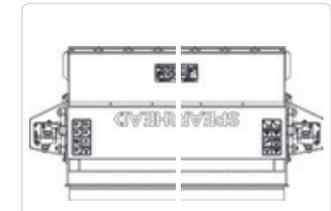
ATTACHMENTS COMPACT FLAIL HEAD



ROTOR SHAFT



DIRECT DRIVE



LH & RH CONFIGURATION



VARIOUS FLAIL OPTIONS:

1. T-Flail
2. Back-to-Back Flail
3. Boot Flail



CUTTING WIDTH

1.0m / 1.2m
3' 3" / 4'



NUMBER OF FLAILS

28/24



ROLLER CUTTING HEIGHT

-20 - +160mm



APPLICATION

GRASS/HEDGE



MINIMUM FLOW

40L/min

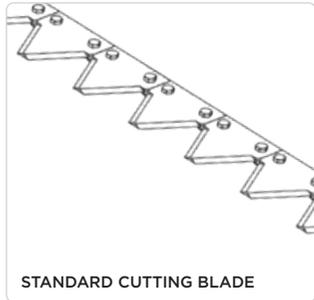


PRESSURE

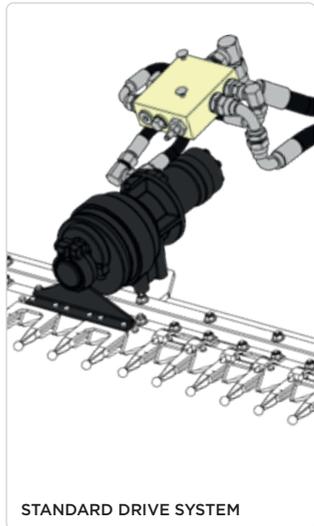
200 bar

**COMPACT
FLAIL HEAD**

Spearhead's lightweight cutterbar is perfect for regular routine hedge cutting maintenance operations.



STANDARD CUTTING BLADE



STANDARD DRIVE SYSTEM

HEAVY DUTY CONSTRUCTION BUILT FOR CUTTING HEDGES AND BRANCHES

VARIOUS CUTTING WIDTHS AVAILABLE

HARD WEARING TEETH



SUB 70KG CONSTRUCTION

RECIPROCATING MOTION ACTION



CUTTING WIDTH

1.5m / 4' 9"

1.8m / 5' 9"

2.1m / 6' 9"



NO. OF BLADES

19

23

27



CUTTING CAPACITY

40mm

40mm

40mm



APPLICATION

HEDGE

HEDGE

HEDGE



MINIMUM FLOW

40L/min

40L/min

40L/min



PRESSURE

180 bar

180 bar

180 bar

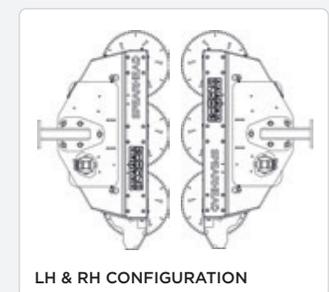
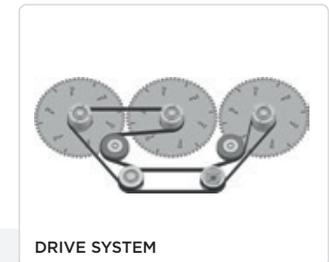
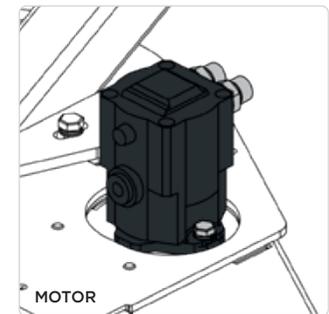
SP15 CUTTERBAR

SP18 CUTTERBAR

SP21 CUTTERBAR

ATTACHMENTS **SAWBLADES**

Spearhead's Trisaw sawblade is 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.



CUTTING WIDTH

1.5m / 4' 9"



NUMBER OF BLADES

3



CUTTING CAPACITY

150mm



APPLICATION

HEDGE



MINIMUM FLOW

40L/min



PRESSURE

180 bar

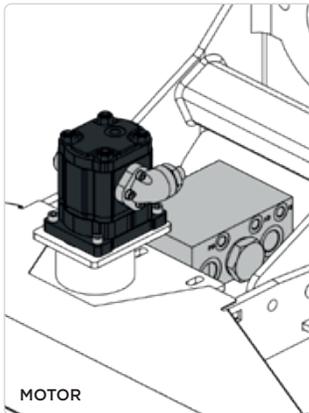
SPIS TRISAW

ATTACHMENTS **ROTARY FINISHING HEAD**

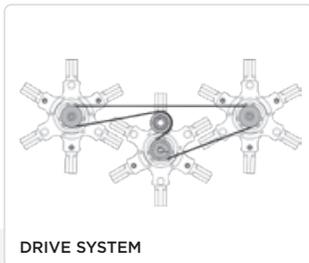
The SP13 rotary finishing head is specifically designed for hedge cutting. With a high mulching capability thanks to its multiple blades, it is the perfect choice for a customer who has a high-quality finish as their highest priority on up to two years growth.



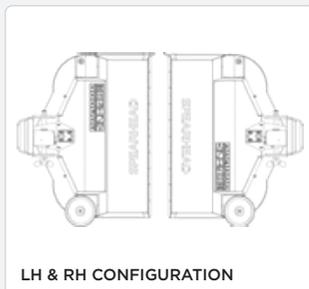
CUTTING BLADE



MOTOR



DRIVE SYSTEM



LH & RH CONFIGURATION



CUTTING WIDTH

1.3m / 4' 2"



NUMBER OF BLADES

18



CUTTING CAPACITY

30mm / 1.81"



APPLICATION

GRASS/HEDGE



MINIMUM FLOW

40L/min



PRESSURE

180 bar

SP13 FINISHING HEAD

TWIGA COMPACT SPECIFICATION

■ Standard Equipment ■ Optional Equipment — Not available

TWIGA COMPACT	S32	S42	S49	S36 FM	S46 FM	S36 COMBI	S46 COMBI	S32 BASIC	S42 BASIC	S36 BASIC	S46 BASIC
SPECIFICATION											
Machine Weight*	480kg	520kg	540kg	500kg	540kg	420/220kg	460/220kg	420kg	460kg	440kg	480kg
TRACTOR REQUIREMENTS											
Minimum Tractor Weight	1300kg	2000kg	2000kg	1300kg	2000kg	1300kg	2000kg	1300kg	2000kg	1300kg	2000kg
Tractor HP Guideline	30hp	30hp	30hp	30hp	30hp						
TWIGA CONTROL SYSTEMS											
Progressive Cable Control System	□	□	□	□	□	□	□	—	—	—	—
Minipilot Electric Proportional Control System	■	■	■	■	■	■	■	□	□	□	□
MOUNTING											
Rear Three Point Linkage	■	■	■	□	□	■	■	■	■	■	■
Front Three Point Linkage	□	□	□	■	■	■	■	□	□	□	□
Adaptor Kit	—	—	—	—	—	—	—	□	□	□	□
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	Aluminium	—	—	—	—						
Pump Arrangement	Twin	—	—	—	—						
Drive Type	Fully Independent	—	—	—	—						
Tank Capacity	62 Ltrs	—	—	—	—						
Horsepower	30hp	—	—	—	—						
Flow Rate (L/Min)	40	40	40	40	40	40	40	40	40	40	40
KEY FEATURES & OPTIONS											
Cushioned Top Link	—	—	—	—	—	—	—	—	—	—	—
Hydraulic Slew	—	—	—	—	—	—	—	—	—	—	—
Automatic Reset	■	■	■	■	■	■	■	■	■	■	■
Head Float	■	■	■	■	■	■	■	■	■	■	■
Arm Float	□	□	□	□	□	□	□	□	□	□	□
Oil Cooler	□	□	□	□	□	□	□	□	□	□	□
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	□	□	□	□	□	□	□	□	□	□	□
Flashing LEDs	□	□	□	□	□	□	□	□	□	□	□

* With oil less attachment

TWIGA COMPACT	S32	S42	S49	S36 FM	S46 FM	S36 COMBI	S46 COMBI	S32 BASIC	S42 BASIC	S36 BASIC	S46 BASIC
MP COMPACT FLAILHEADS											
1.0m MP Compact Direct Drive Flail Head	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1.2m MP Compact Direct Drive Flail Head	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MP1 FLAILHEADS											
1.2m MP1 Direct Drive Flail Head	—	—	—	—	—	—	—	—	—	—	—
1.2m MP1 Belt Drive Flail Head	—	—	—	—	—	—	—	—	—	—	—
1.5m MP1 Direct Drive Flail Head	—	—	—	—	—	—	—	—	—	—	—
1.5m MP1 Belt Drive Flail Head	—	—	—	—	—	—	—	—	—	—	—
MP2 FLAILHEADS											
1.2m MP2 Direct Drive Flail Head	—	—	—	—	—	—	—	—	—	—	—
PB FLAILHEADS											
1.2m PB Belt Drive Flail Head	—	—	—	—	—	—	—	—	—	—	—
1.2m PB Belt Drive Flail Head - HD Mulching Rotor	—	—	—	—	—	—	—	—	—	—	—
1.6m PB Belt Drive Flail Head	—	—	—	—	—	—	—	—	—	—	—
SP CUTTERBARS											
SP15 Cutterbar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SP18 Cutterbar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SP21 Cutterbar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SP HD CUTTERBARS											
SP17 HD Cutterbar	—	—	—	—	—	—	—	—	—	—	—
SP23 HD Cutterbar	—	—	—	—	—	—	—	—	—	—	—
SP27 HD Cutterbar	—	—	—	—	—	—	—	—	—	—	—
SP SAWBLADES											
SP15 Trisaw	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SP20 Quadsaw	—	—	—	—	—	—	—	—	—	—	—
SP25 Quadsaw	—	—	—	—	—	—	—	—	—	—	—
SP ROTARY FINISHING HEADS											
SP13 Rotary Finishing Head	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SP ROTARY HEADS											
SP12 MD Rotary Head	—	—	—	—	—	—	—	—	—	—	—
SP15 MD Rotary Head	—	—	—	—	—	—	—	—	—	—	—
SP12 HD Rotary Head	—	—	—	—	—	—	—	—	—	—	—
SP15 HD Rotary Head	—	—	—	—	—	—	—	—	—	—	—
SP12 Super HD Rotary Head	—	—	—	—	—	—	—	—	—	—	—
SP15 Super HD Rotary Head	—	—	—	—	—	—	—	—	—	—	—
SP ROTARY DITCH CLEANERS											
SP Ditch Cleaner	—	—	—	—	—	—	—	—	—	—	—

SPEARHEAD

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designed and built in
GREAT BRITAIN 

Spearhead
is a member of the

Alamo Group