

N° 004

ScanStone
POTATO SYSTEMS



4 BODY WING FOLDING AR+
BED FORMER

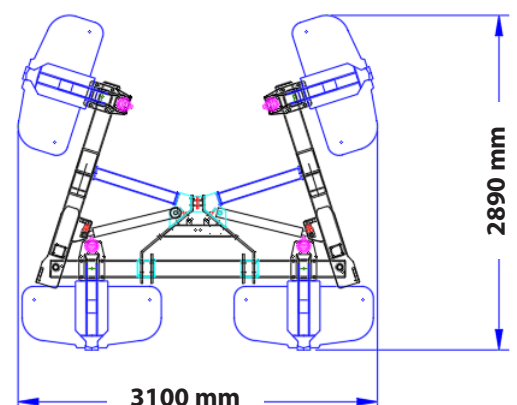
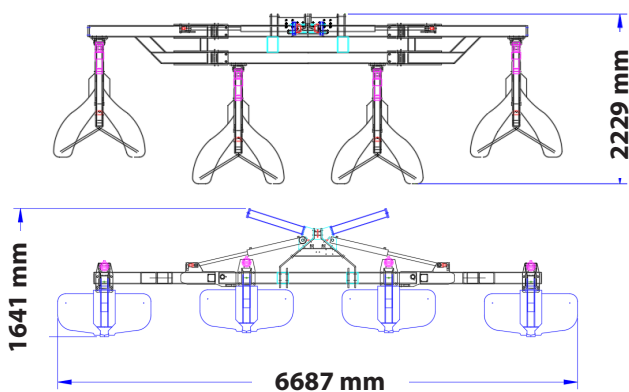
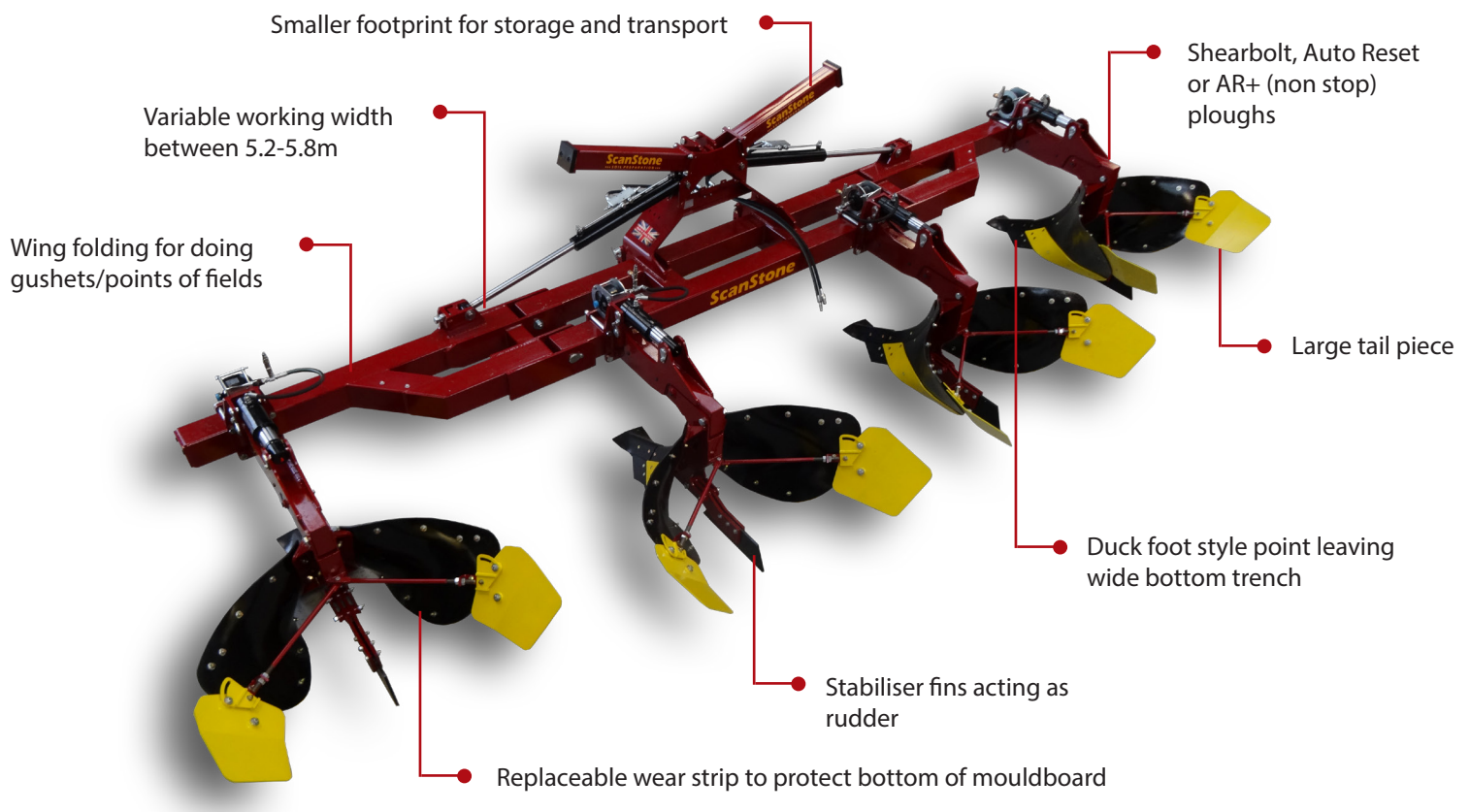
4 BODY WING-FOLDING AUTO RESET / AR+ BED MAKER

ABOUT

The ScanStone 4 Body Wing-Folding bed maker has been purpose built for fitment to the ScanStone 3.6m bed tiller range. The Wing-Folding has a lighter frame, although still strong, and reduces the overall weight of the bed tiller / bed maker combination while still offering the customer a competitive end product.

The 4 body Wing-Folding is versatile; it can be unhitched from the bed tiller and used for regular bed making directly behind the tractor, it is not recommended to use this machine on tractors over 200hp. Short ends and gushets can be ploughed with this machine as well by folding the wings up and simply bed making with 2 ploughs, as seen in **Gallery 6**.

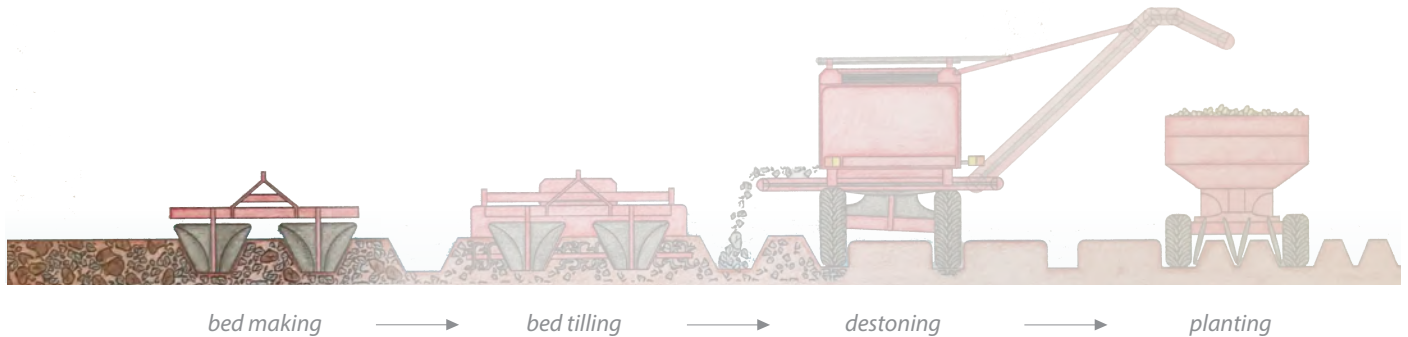
While using with application on the bed tiller, the ploughs can also have the wings folded up when the direct tilling method is used in conjunction with GPS, shown in Gallery 6. There are fewer options available on the Wing-Folding and the machine is limited to 200hp, however the price and overall weight reflects this.



BED MAKING

THE PROCESS

The bed maker is designed to go into pre-cultivated ground, both to create beds for destoning and aerating the soil. It is key for the bed maker to get as much soil as possible out of the trench and into the bed. This gives the destoner the maximum potential.



THE CONFIGURATIONS

ScanStone bed makers are available in 2-body, 3-body or 4-body configurations. The 4-body is available in either a heavy-duty or superlight version. Bed makers can be equipped with ScanStone-style mouldboards, or Chateau-style ploughs (which create a steeper, wider bed). The standard ScanStone-style mouldboards are available with a shearbolt, auto-reset or dual action protection, depending on soil conditions and stone content.

The Chateau-style ploughs are available with shearbolt or auto-reset protection. This plough is used in lighter soil conditions where it is achievable to get a castellated bed for an even intake into the destoner. The chateau-style ploughs maintain the classic ScanStone wide bottom trench, which also eliminates to a degree the need to constantly guide the destoner tractor.

AR+ MODELS

The ScanStone AR+ models negate the need for additional shearbolt protection. This auto reset system has a double pivot point allowing the beam to pivot and also the body to pivot as the plough strikes a stone or tree root. There is enough stroke in the hydraulic cylinder for the plough to reset in both instances and enough pressure in the accumulator for the plough to reset back to the preset depth.

STEP 1



STEP 2



THE CONFIGURATIONS

	2 BODY	3 BODY	4 BODY
SHEARBOLT	2 BODY SHEARBOLT PAGE 5 CHATEAU-STYLE <i>available</i> TILLER <i>compatible</i>	3 BODY SHEARBOLT <i>fixed</i> PAGE 11 CHATEAU-STYLE <i>available</i> TILLER <i>compatible</i>	4 BODY SUPER SHEARBOLT PAGE 21 TILLER <i>compatible</i>
		3 BODY SHEARBOLT <i>folding</i> PAGE 11 CHATEAU-STYLE <i>available</i> TILLER <i>compatible</i> TERRA-SPEC <i>available</i>	
AUTO RESET	2 BODY AUTO RESET PAGE 7 CHATEAU-STYLE <i>available</i> TILLER <i>compatible</i>	3 BODY AUTO RESET <i>fixed</i> PAGE 13 CHATEAU-STYLE <i>available</i> TILLER <i>compatible</i>	4 BODY SUPER AUTO RESET PAGE 21 TILLER <i>compatible</i>
		3 BODY AUTO RESET <i>folding</i> PAGE 15 CHATEAU-STYLE <i>available</i> TILLER <i>compatible</i> TERRA-SPEC <i>available</i>	
AR +	2 BODY AR+ PAGE 9 CHATEAU-STYLE <i>available</i>	3 BODY AR+ <i>folding</i> PAGE 17 CHATEAU-STYLE <i>available</i> TERRA-SPEC <i>available</i>	4 BODY HD AR+ PAGE 23 CHATEAU-STYLE <i>available</i>

BED MAKERS

BED TILLERS

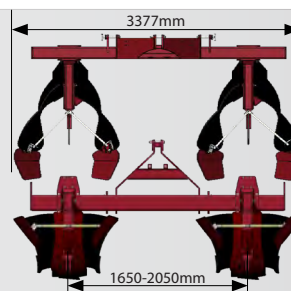
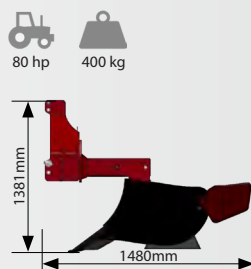
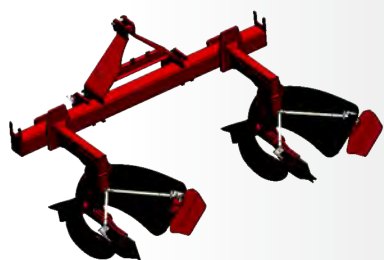
DESTONERS

TOPPERS

WINDROWERS

HARVESTERS

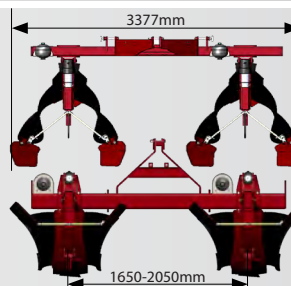
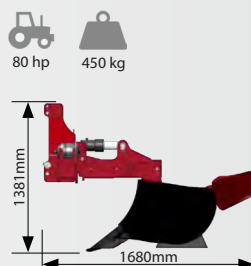
2 BODY SB



UN-3842 SB
2 Body
Shearbolt

2

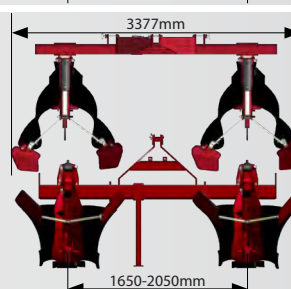
2 BODY AR



UN-3842 AR
2 Body
Auto Reset

2

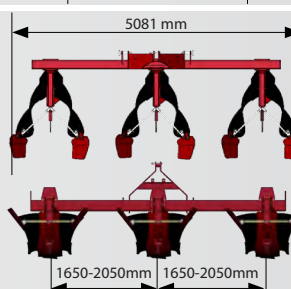
2 BODY AR+



UN-3842 AR+
2 Body
Non Stop

2

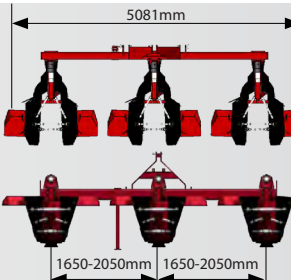
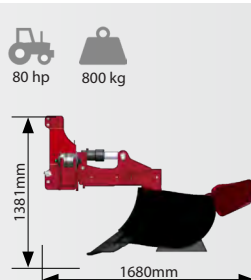
3 BODY FX SB



UN-3844 FX SB
3 Body
Shearbolt
Fixed Frame

3FX

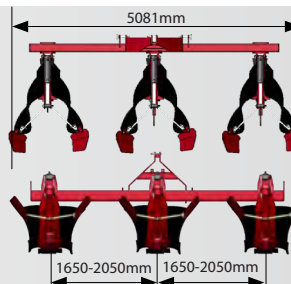
3 BODY FX AR



UN-3844 FX AR
3 Body
Auto Reset
Fixed Frame

3FX

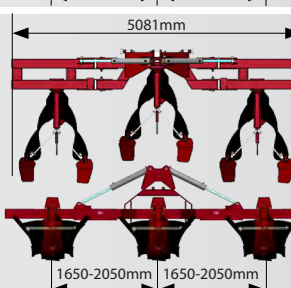
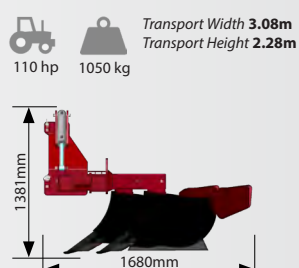
3 BODY FX AR+



UN-3844 FX AR+
3 Body
Non Stop
Fixed Frame

3FX

3 BODY FD SB



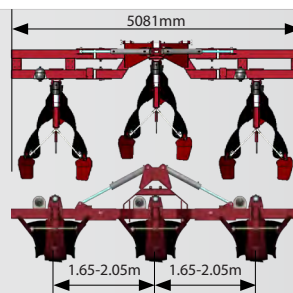
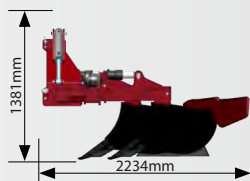
UN-3844 FD SB
3 Body
Shearbolt
Folding Frame

3FD

3 BODY FD AR



150 hp 1300 kg



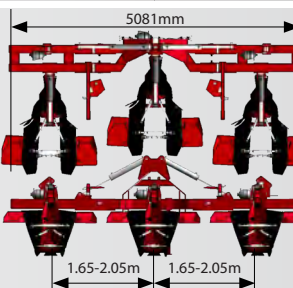
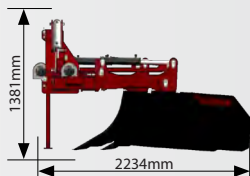
UN-3844 FD AR
3 Body
Auto Reset
Folding Frame

3FD

3 BODY FD AR+



170 hp 1350 kg



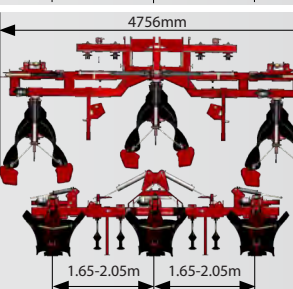
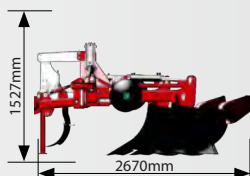
UN-3844 FD AR+
3 Body
Non Stop
Folding Frame

3FD

3 BODY TERRA



180 hp 1500 kg



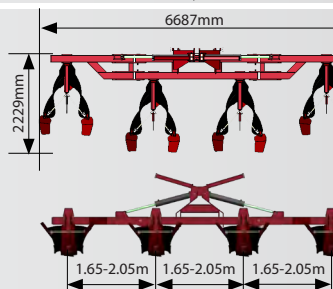
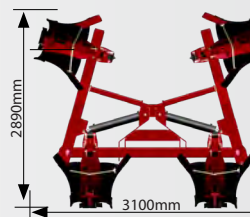
UN-3844 T
3 Body Folding
Non Stop
Heavy Duty Tines

3FD

4 BODY WF SB



160 hp 1400 kg



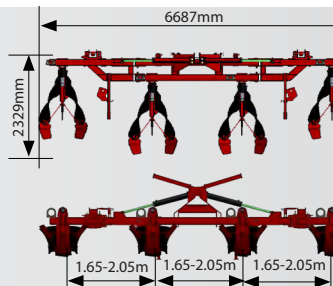
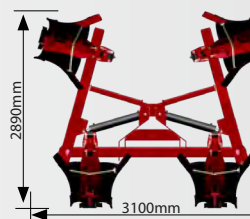
UN-3845 WF SB
4 Body
Shearbolt
Wing-Folding

4WF

4 BODY WF AR



180 hp 1500 kg



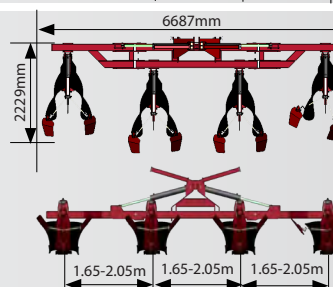
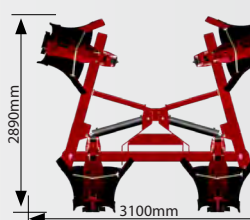
UN-3845 WF AR
4 Body
Auto Reset
Wing-Folding

4WF

4 BODY WF AR+



200 hp 1700 kg



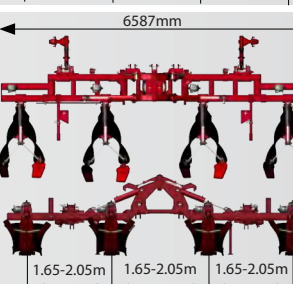
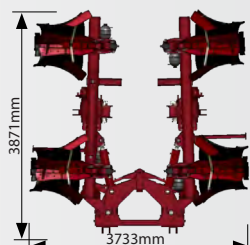
UN-3845 WF AR+
4 Body
Non Stop
Wing-Folding

4WF

4 BODY CF AR+

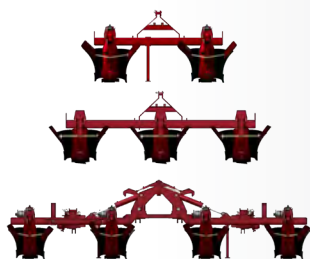


250 hp 2800 kg



UN-3845 CF
4 Body
Non Stop
Centre-Folding

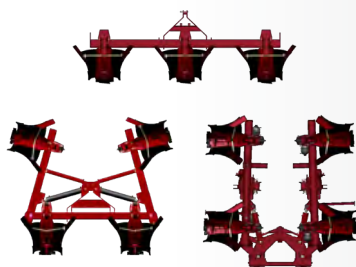
4CF



NUMBER OF PLOUGHS

The ScanStone bed former range consists of 2 plough, 3 plough and 4 plough models. The ploughs are adjustable from 1.65-2.05m. The number of ploughs depends on the amount of horsepower available, and the area desired to achieve in one pass.

- **UN-3842** 2 Ploughs
- **UN-3844** 3 Ploughs
- **UN-3845** 4 Ploughs



FRAME TYPE

ScanStone bed formers are available with fixed or folding frames.

- **FX** Fixed
- **FD** Folding
- **WF** Wing-Folding
- **CF** Centre-Folding



PLOUGH PROTECTION

Depending on soil conditions and stone content, the ScanStone bed formers can be equipped with shearbolt, auto reset or auto reset plus (non-stop) protection systems. The auto reset version uses hydraulic rams when large stones are encountered, but additionally has a shearbolt system which protects the body when immovable objects are hit.

- **SB** Shearbolt
- **AR** Auto Reset
- **AR+** Auto Reset Plus (Non-Stop)

2 BODY

- **UN-3842 SB** 2 Body Shearbolt
- **UN-3842 AR** 2 Body Auto Reset
- **UN-3842 AR+** 2 Body AR+ (Non-Stop)

3 BODY Fixed

- **UN-3844 FX SB** 3 Body Fixed Shearbolt
- **UN-3844 FX AR** 3 Body Fixed Auto Reset
- **UN-3844 FX AR+** 3 Body Fixed AR+ (Non-Stop)

3 BODY Folding

- **UN-3844 FD SB** 3 Body Folding Shearbolt
- **UN-3844 FD AR** 3 Body Folding Auto Reset
- **UN-3844 FD AR+** 3 Body Folding AR+ (Non-Stop)
- **UN-3844 TERRA** 3 Body Folding AR+ Terra

4 BODY Wing-Folding

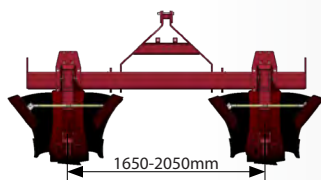
- **UN-3845 WF SB** 4 Body Wing-Folding Shearbolt
- **UN-3845 WF AR** 4 Body Wing-Folding Auto Reset
- **UN-3845 WF AR+** 4 Body Wing-Folding AR+ (Non-Stop)

4 BODY Centre-Folding

- **UN-3845 CF AR+** 4 Body Centre-Folding AR+ (Non-Stop)

TRACK WIDTH SETTING

Distance between centre to centre of plough.



- **SET-001** 1.50 m
- **SET-002** 1.60 m
- **SET-003** 1.65 m
- **SET-004** 1.70 m
- **SET-005** 1.80 m *Default*
- **SET-006** 1.85 m
- **SET-007** 2.00 m

Standard

2	3	3T	4WF	4CF
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CLASSIC STYLE PLOUGHS

Leave a wide bottom trench for the stones and clods to lie in. Leaves a bed that is quicker to dry.

- **KIT-1100**

Standard

2	3	3T	4WF	4CF
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CHATEAU STYLE PLOUGHSDifferent shape of body to leave a steeper trench. See **page 24** for details.

- **KIT-1109** SB/AR (Per plough)
- **KIT-1116** AR+ (Per plough)

Option

2	3	3T	4WF	4CF
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DISC-STYLE HYDRAULIC MARKER KIT

Disc-style markers leave an accurate scribe in the soil giving the operator a useful guide on his return journey up the field, when not using GPS.

- **KIT-1084** 2 & 4 Body (Pair)
- **KIT-1080** 3 Body (Pair)

Option

2	3	3T	4WF	4CF
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POINT-STYLE HYDRAULIC MARKER KIT

Point-style markers are a less expensive option and virtually maintenance-free. Mainly used to assist the operator should be GPS fail.

- **KIT-1081** (Pair)

Option

2	3	3T	4WF	4CF
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HYDRAULICALLY EXTENDABLE MARKER KIT

In conditions where GPS coverage may be limited, the hydraulic extendable markers provide centre marking while operating the ScanStone 4 body bed former with 4 ploughs down. Comes with a choice of disc or point.

- **BOM-0337** (Pair)

Option

2	3	3T	4WF	4CF
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STABILISER FINS

Stabiliser fins act as a rudder to the plough to improve stability during work. Fins are not compatible with Chateau ploughs.

- **KIT-1102** (Each)

Option

2	3	3T	4WF	4CF
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**MANUAL DEPTH WHEEL KIT**

To act as a depth guide and keep the ploughs from digging in too deep.

- **KIT-1127** 15"
- **KIT-1122** 18"

Option / Standard

2	3	3T	4WF	4CF
2	3	3T	4WF	4CF

**HYDRAULIC DEPTH WHEEL KIT**

To act as a depth guide and keep the ploughs from digging in too deep.

- **BOM-1128** 15"
- **BOM-1123** 18" (in lieu)

Option

2	3	3T	4WF	4CF
2	3	3T	4WF	4CF

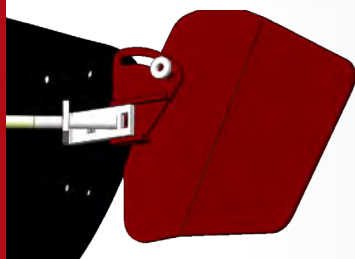
**PARALLEL LINKAGE KIT**

For keeping the ploughs level when working in half depths.

- **BOM-0315**

Option

2	3	3T	4WF	4CF
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**LARGE TAIL PIECES**

Attached at the top of the mouldboard, the tail pieces keep the side wall of the bed in position in deeper and heavier conditions. Not compatible with Chateau ploughs.

- **BOM-0371** Pair

Option

2	3	3T	4WF	4CF
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**EASY DUTY CULTIVATOR TINE**

To break up the soil before the ploughs engage.

- **KIT-1114** Each

Option

2	3	3T	4WF	4CF
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**HEAVY DUTY CULTIVATOR TINE**

To break up the soil before the ploughs engage.

- **KIT-1130** Each

Option

2	3	3T	4WF	4CF
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**CULTIVATOR TINE TOOLBAR**

This removable toolbar is made up of four spring-loaded tines, which are situated forward of the ridging ploughs, allowing the soil to flow through the system more effectively.

- **BOM-0318** Each

Option / Standard

2	3	3T	4WF	4CF
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TOOL BOX

Useful for storing tools, spare parts and other maintenance essentials.

- **BOM-0319**

Option

2	3	3T	4WF	4CF
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UNIQUE PARTS LIST

Each individual bed former comes as standard with a unique parts manual which features the exact specifications and equipment which is mounted on the machine before it leaves the factory. Customers are able to quote their serial number to their parts provider, to ensure that the correct parts are ordered. Not only does this speed up the ordering process, but avoids mistakes.

Standard

2	3	3T	4WF	4CF
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USER MANUAL / MACHINE STICKERS

The country of use kit consists of a hard-copy of the user manual and machine stickers in the country's spoken language.

- *English (Standard)*
- *French*

Standard

2	3	3T	4WF	4CF
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GALLERY 3

BED MAKERS



**4 BODY SUPER
BED MAKER**

GALLERY 6

BED TILLERS



3.6M BED TILLER
WITH 4 BODY SUPER BED MAKER



3.6M BED TILLER
WITH 4 BODY SUPER BED MAKER

PARTS

DEALERS

TESTIMONIALS

GALLERY