

# 2 BODY SHEARBOLT BED MAKER

GALLERY 1

## ABOUT

The ScanStone bed maker range adopts the classic Scan-Stone style body and ploughs, leaving a wide bottom trench for the stones and clods to lie in as it pulls through the ground.

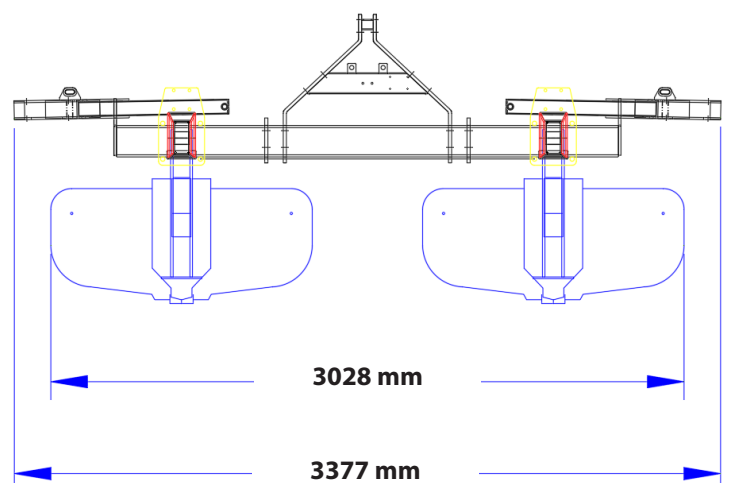
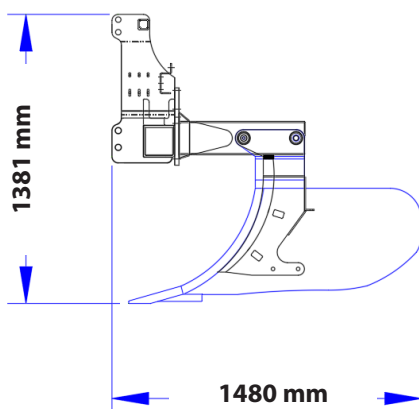


“

We found this lightweight, cost effective machine good for both opening beds, and going on the back of our bed tiller. Really simple, quality build.



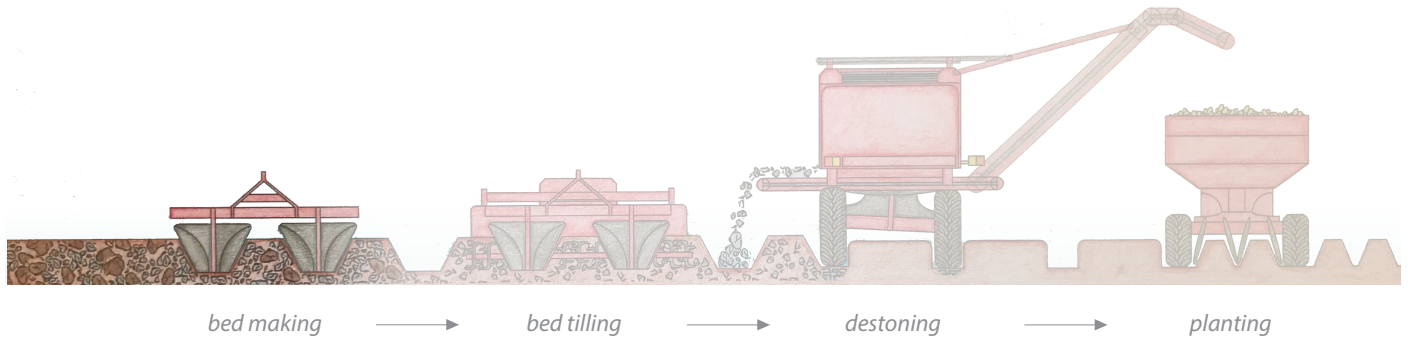
This bedformer is available with the option of **Chateau-style ploughs**. See page 43 for details



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

BED MAKERS

BED TILLERS

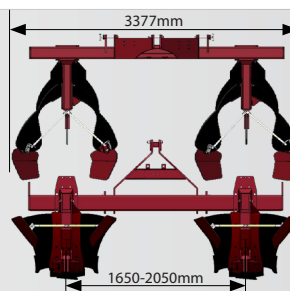
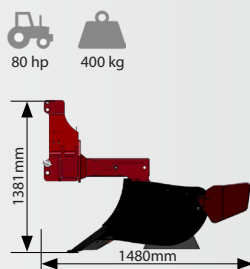
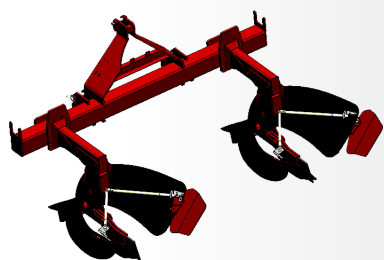
DESTONERS

TOPPERS

WINDROWERS

HARVESTERS

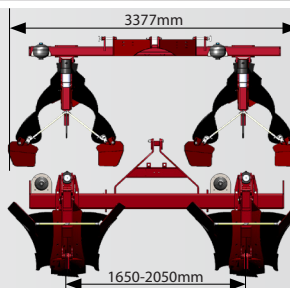
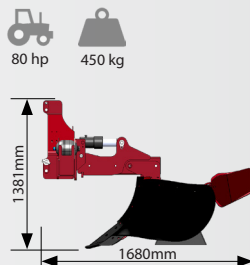
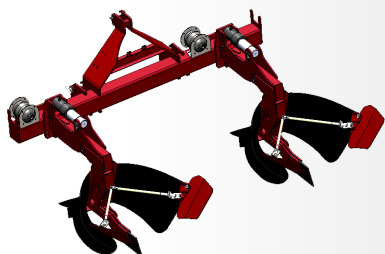
2 BODY SB



**UN-3842 SB**  
2 Body  
Shearbolt

2

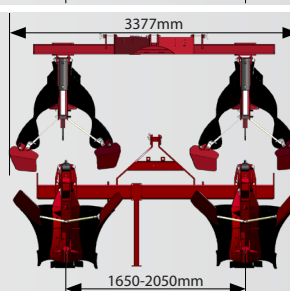
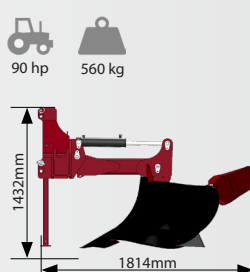
2 BODY AR



**UN-3842 AR**  
2 Body  
Auto Reset

2

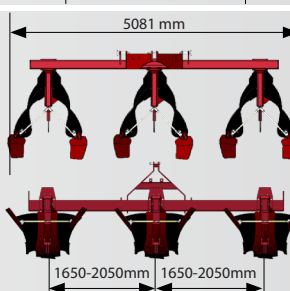
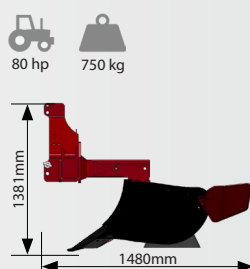
2 BODY AR+



**UN-3842 AR+**  
2 Body  
Non Stop

2

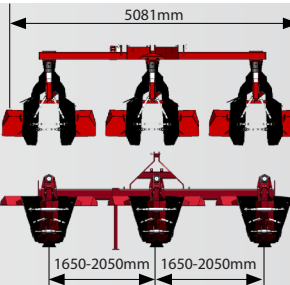
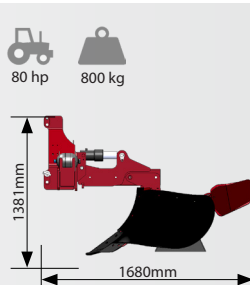
3 BODY FX SB



**UN-3844 FX SB**  
3 Body  
Shearbolt  
Fixed Frame

3FX

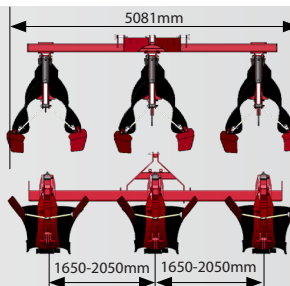
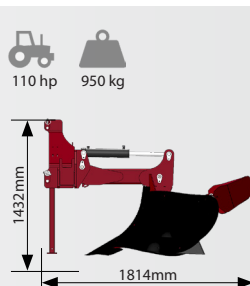
3 BODY FX AR



**UN-3844 FX AR**  
3 Body  
Auto Reset  
Fixed Frame

3FX

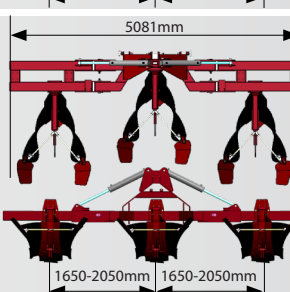
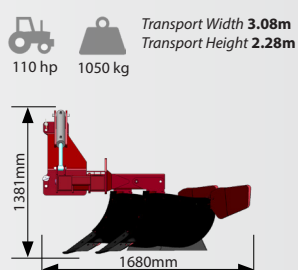
3 BODY FX AR+



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

3FX

3 BODY FD SB



**UN-3844 FD SB**  
3 Body  
Shearbolt  
Folding Frame

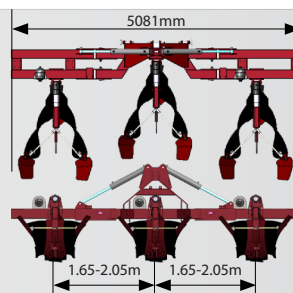
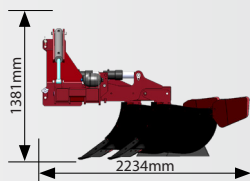
3FD



## 3 BODY FD AR



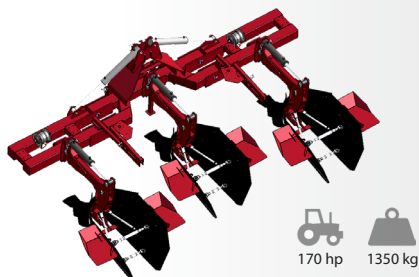
150 hp 1300 kg



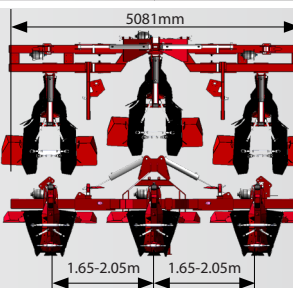
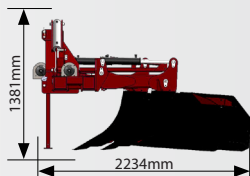
**UN-3844 FD AR**  
3 Body  
Auto Reset  
Folding Frame

3FD

## 3 BODY FD AR+



170 hp 1350 kg



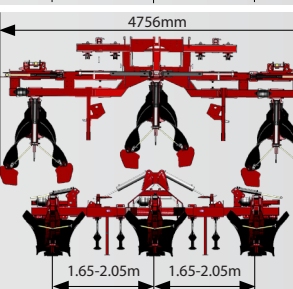
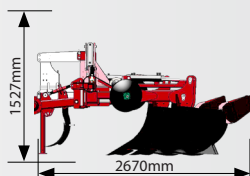
**UN-3844 FD AR+**  
3 Body  
Non Stop  
Folding Frame

3FD

## 3 BODY TERRA



180 hp 1500 kg



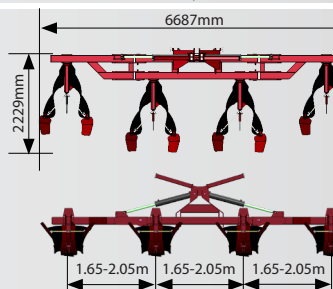
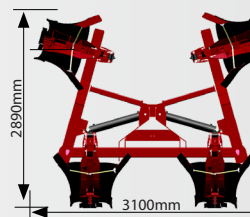
**UN-3844 T**  
3 Body Folding  
Non Stop  
Heavy Duty Tines

3FD

## 4 BODY WF SB



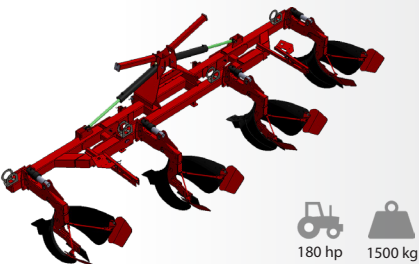
160 hp 1400 kg



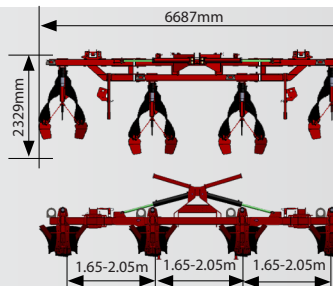
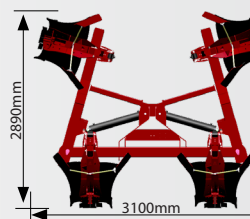
**UN-3845 WF SB**  
4 Body  
Shearbolt  
Wing-Folding

4WF

## 4 BODY WF AR



180 hp 1500 kg



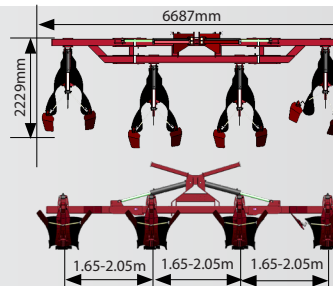
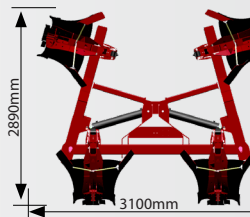
**UN-3845 WF AR**  
4 Body  
Auto Reset  
Wing-Folding

4WF

## 4 BODY WF AR+



200 hp 1700 kg



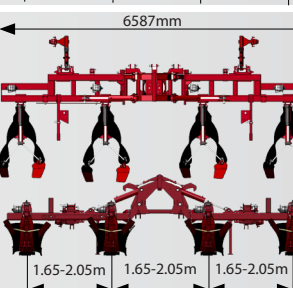
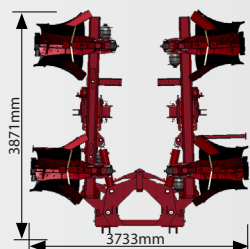
**UN-3845 WF AR+**  
4 Body  
Non Stop  
Wing-Folding

4WF

## 4 BODY CF AR+

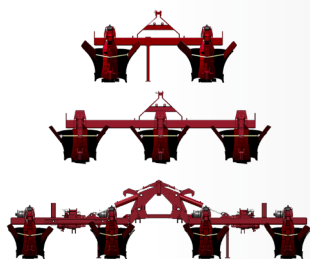


250 hp 2800 kg



**UN-3845 CF**  
4 Body  
Non Stop  
Centre-Folding

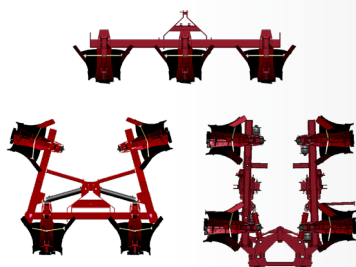
4CF



### 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

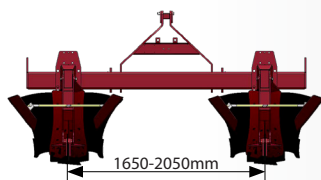
- **UN-3845 WF SB** 4 Body Wing-Folding Shearbolt
- **UN-3845 WF AR** 4 Body Wing-Folding Auto Reset
- **UN-3845 WF AR+** 4 Body Wing-Folding AR+ (Non-Stop)

#### 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 PLOUGHS**Different 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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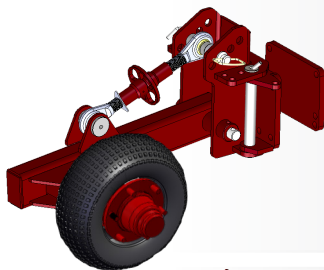
**STABILISER FINS**

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

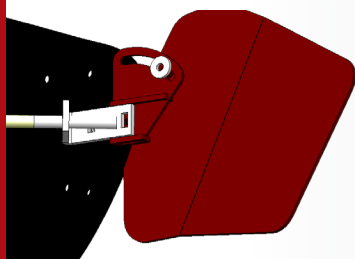
**PARALLEL LINKAGE KIT**

For keeping the ploughs level when working in half depths.

- **BOM-0315**

**Option**

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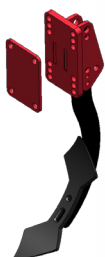
**LARGE TAIL PIECES**

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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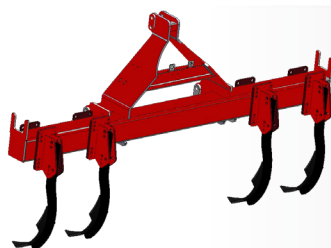
**HEAVY DUTY CULTIVATOR TINE**

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**

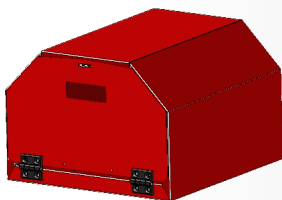
This removable toolbar is made up of four spring-loaded tines, which are situated forward of the ridging ploughs, allowing the soil to flow through the system more effectively.

- **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 1

## BED MAKERS



**2 BODY**  
BED MAKER