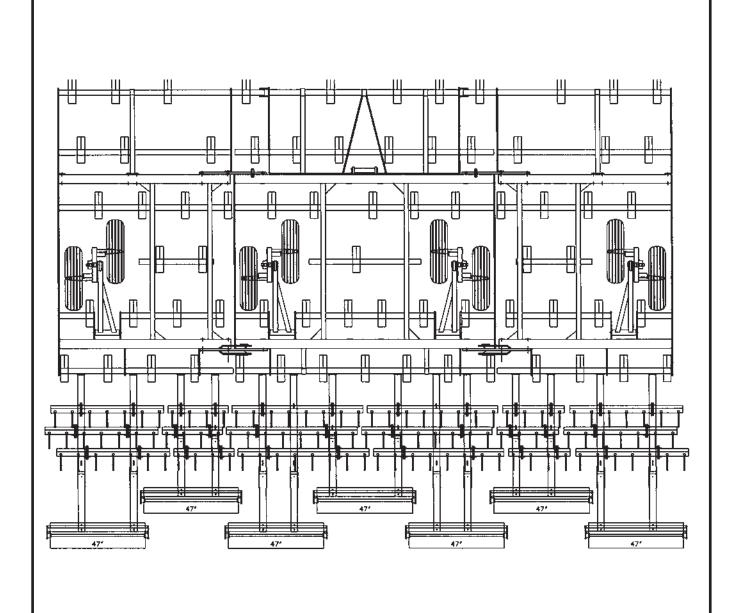


# 2800 SERIES HARROW LAYOUTS

Kongskilde 2800 Series



HARROW MOUNTING PATTERN DIAGRAMS FOR 2800 SERIES



#### SERVICE BULLETIN

### Special Harrow Brackets for 2800/3800 Equipped with 20" Conser-Tines.

The existing Kongskilde Harrow systems for 2800 and 3800 series cultivators were originally designed for use with the 2 piece 24" High Clearance Tine on 2.5" x 2.5" toolbars only. Although the introduction of new 2.5" x 2.5" tine clamps have made it possible to equip both 2800 and 3800 series cultivators with 20" Conser-Tines, the current harrow mounting brackets were not designed for this option and therefore, do not have sufficient clearance or adjustment for the 4" lower position of the 20" Conser-Tine.

Harrow systems designed for the 2600 and 3500 series cultivators can not be mounted to the 2800 or 3800 as these mounting brackets will only fit on a 2" x 3" frame tube.

In order to correct this problem temporarily, special adaptor brackets have been developed for the 2800 and 3800 harrow systems, which will allow them to be mounted to the 2.5" x 2.5 "frame tube of the cultivator with proper clearance and adjustment for the 20" Consertines.

This service bulletin affects all 2800 and 3800 Series Cultivators equipped with 20" Conser-Tines and the following harrows:

300SS - Double Rota Harrows

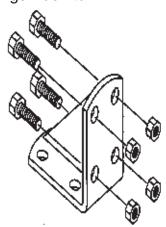
300FS - Flex Spiral Combi Harrows (3 Bar Drag with Single Offset Spiral Rollers)

300DSPK - 3 & 5 Bar Flex Drag Spike Harrows.

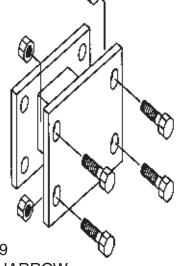
As yet a solution has not been found for the 300SB - Spike Bar Leveller as they cannot be mounted and adjusted 4" lower at this time.

Please refer to the assembly diagrams attached for using the adaptor brackets.

Sincerely, Kongskilde Ltd.



603150995 COMBI & DRAG HARROW HEIGHT BRACKET ASSEMBLY FOR 2800 & 3800 WITH 20" CONSER-TINES



603150749

ROLLER HARROW

EXTENSION BRACKET ASSEMBLY

FOR 2800 & 3800 WITH

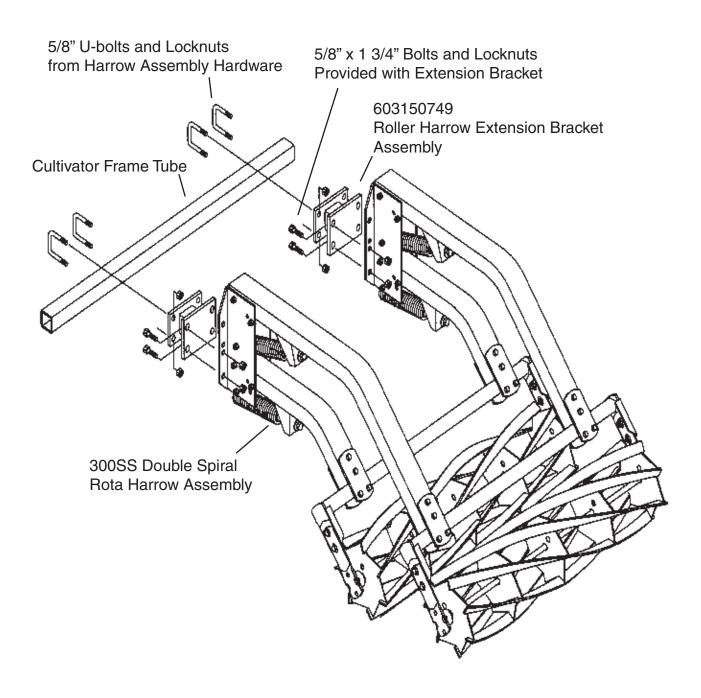
20" CONSER-TINES



Install the rota harrow extension bracket between the rear toolbar tube of the 2800 or 3800 Cultivator frame and the 300SS double rota-harrow mounting brackets as shown below.

Use the 5/8" x 1-3/4" Bolts provided with the bracket to attach the extension bracket to the 300SS harrow mounting bracket. Use the lower set of holes for 20" conser-tines and the upper set of holes for 24" high clearance tines.

Use the 5/8" U-Bolts provided with the harrow assembly to attach the extension bracket assembly to the back of the cultivators rear toolbar tube. Secure with the 5/8" locknuts.

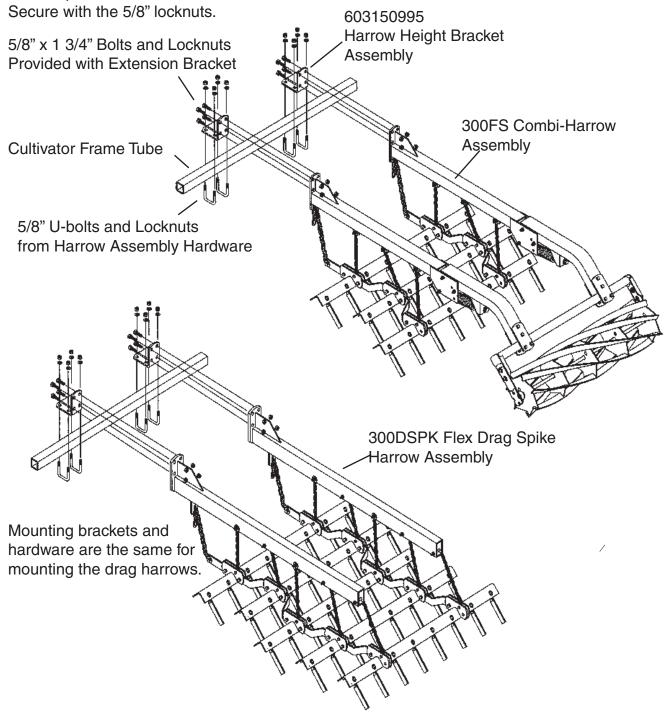




Install the height bracket for combi & drag harrows by attaching the bracket to both the rear toolbar tube of the 2800 or 3800 Cultivator frame and the 300FS or 300DSPK harrow arm mounting brackets as shown below.

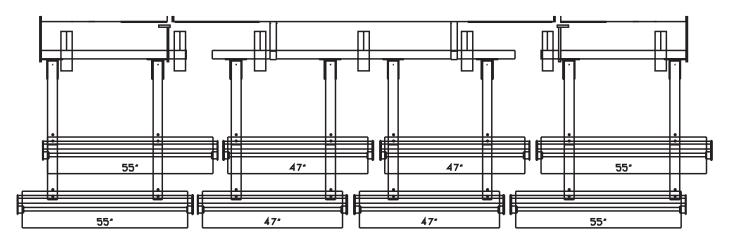
Use the 5/8" x 2" Bolts provided with the bracket to attach the height bracket to the harrow arm mounting bracket. Note that the bracket should be installed facing down.

Use the 5/8" U-Bolts provided with the harrow assembly to attach the height bracket assembly to the top of the cultivators rear toolbar tube.



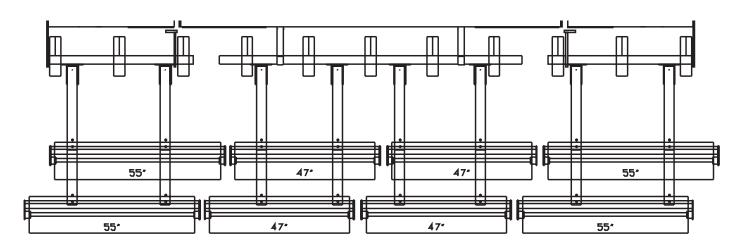
16'5" (5m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE)
DOUBLE SPIRAL HARROW LAYOUT

DDUBLE ROLLER - 603150482



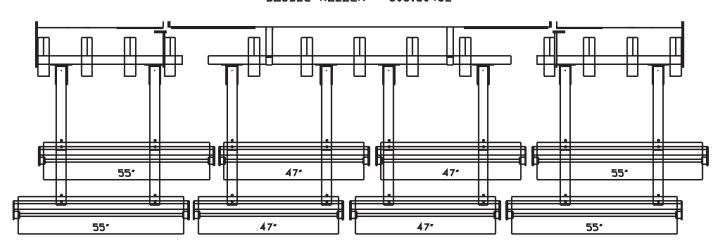
#### 2800 CULTIVATOR

16'5" (5m) WIDTH - 4" (100mm) TINE SPACING (3m BASE)
DOUBLE SPIRAL HARROW LAYOUT
DOUBLE ROLLER - 603150482



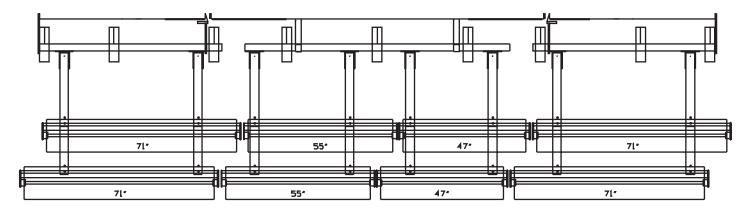
#### 2800 CULTIVATOR

16'5" (5m) WIDTH - 3" (80mm) TINE SPACING (3m BASE)
DOUBLE SPIRAL HARROW LAYOUT
DOUBLE ROLLER - 603150482



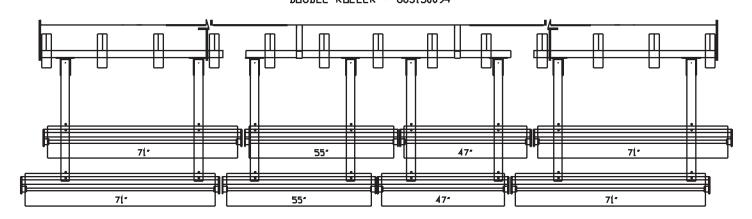
19'8" (6m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE)
DOUBLE SPIRAL HARROW LAYOUT

DOUBLE ROLLER - 603150094



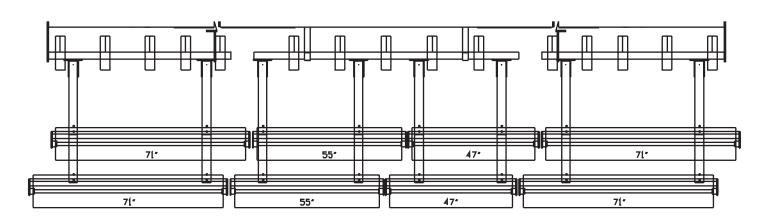
#### 2800 CULTIVATOR

19'8" (6m) WIDTH - 4" (100mm) TINE SPACING (3m BASE)
DOUBLE SPIRAL HARROW LAYOUT
DOUBLE ROLLER - 603(50094

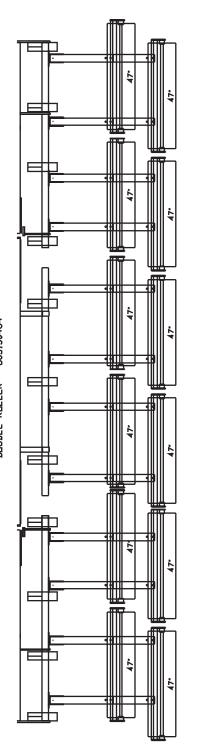


#### 2800 CULTIVATOR

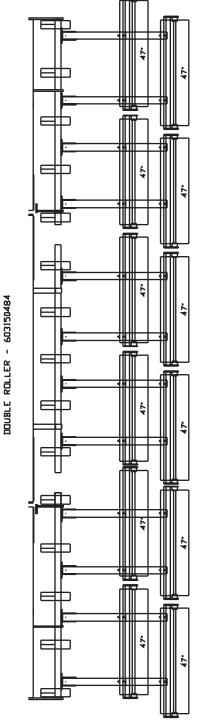
19'8" (6m) WIDTH - 3" (80mm) TINE SPACING (3m BASE)
DOUBLE SPIRAL HARROW LAYOUT
DOUBLE ROLLER - 603(50094



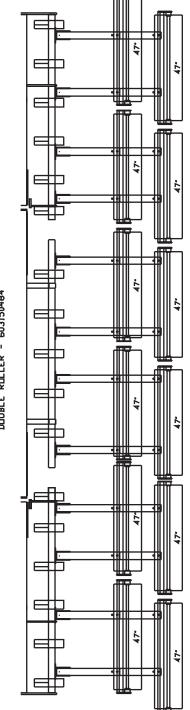
2800 CULTIVATOR 23.0° (7m) WIDTH - 6.25° (160mm) TINE SPACING (3m BASE) DOUBLE SPIRAL HARROW LAYOUT DOUBLE ROLLER - 603150484



2800 CULTIVATOR 23'0" (7m) WIDTH - 4" (100mm) TINE SPACING (3m BASE) DOUBLE SPIRAL HARROW LAYOUT

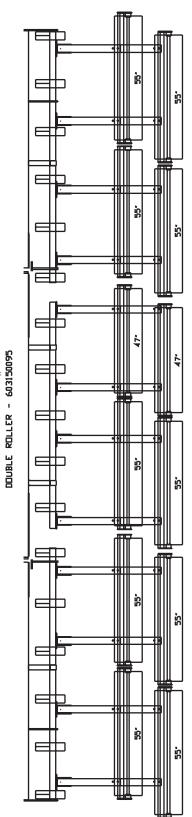


2800 CULTIVATOR 23'0" (7m) WIDTH - 3" (80mm) TINE SPACING (3m BASE) DOUBLE SPIRAL HARROW LAYOUT DOUBLE ROLLER - 603150484

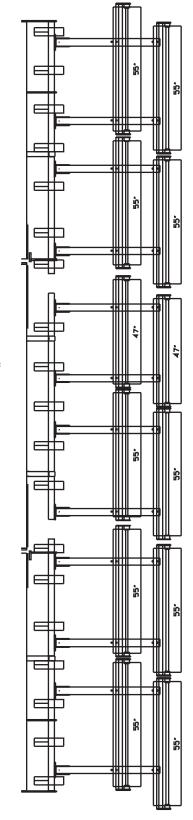


2800 CULTIVATOR
(8m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE)
DOUBLE SPIRAL HARROW LAYDUT
DOUBLE ROLLER - 603150095  $\Rightarrow$ 26,3\* 55

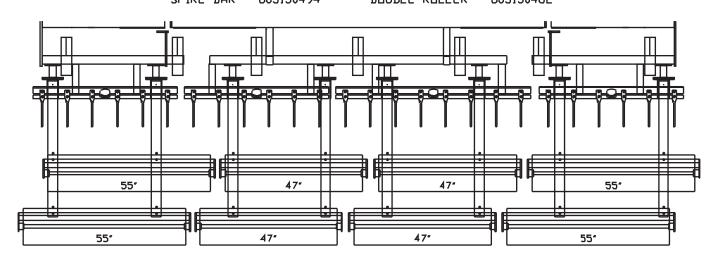
2800 CULTIVATOR 26'3" (8m) WIDTH - 4" (100mm) TINE SPACING (3m BASE) DOUBLE SPIRAL HARROW LAYOUT DOUBLE ROLLER - 603150095



2800 CULTIVATOR 26'3" (8m) WIDTH - 3" (80mm) TINE SPACING (3m BASE) DOUBLE SPIRAL HARROW LAYOUT

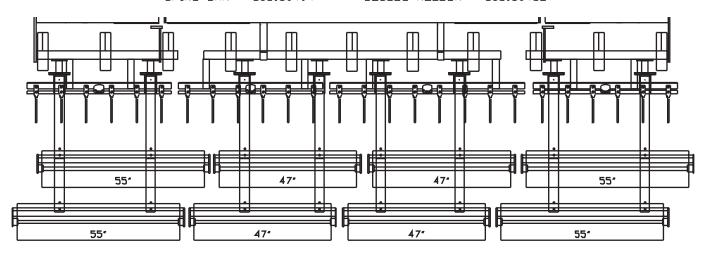


16'5" (5m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE) SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT SPIKE BAR - 603150494 DOUBLE ROLLER - 603150482



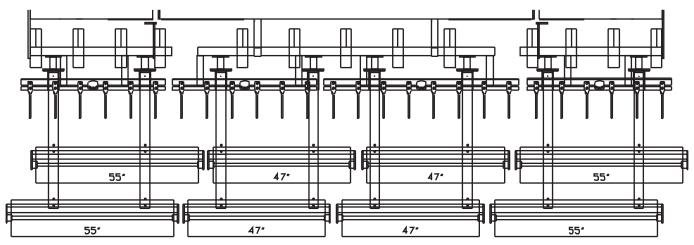
#### 2800 CULTIVATOR

16'5" (5m) WIDTH - 4" (100mm) TINE SPACING (3m BASE) SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT SPIKE BAR - 603150494 DOUBLE ROLLER - 603150482

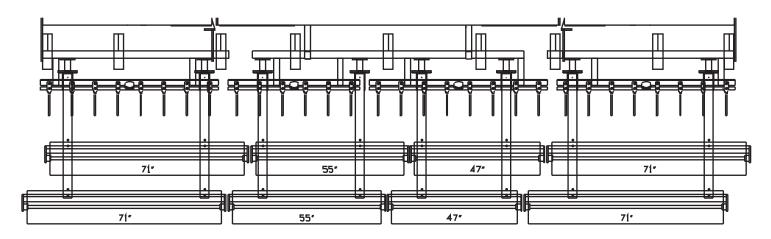


#### 2800 CULTIVATOR

16'5" (5m) WIDTH - 3" (80mm) TINE SPACING (3m BASE) SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT SPIKE BAR - 603150494 DOUBLE ROLLER - 603150482

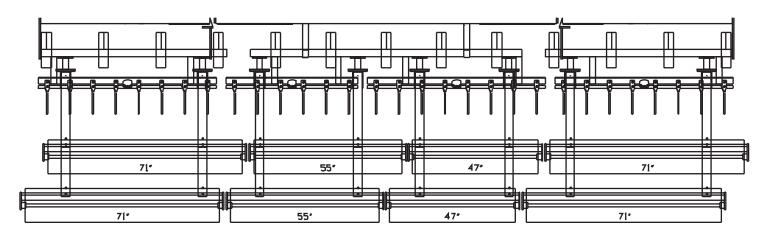


19'8" (6m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE)
SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT
SPIKE BAR - 603150495 DOUBLE ROLLER - 603150094



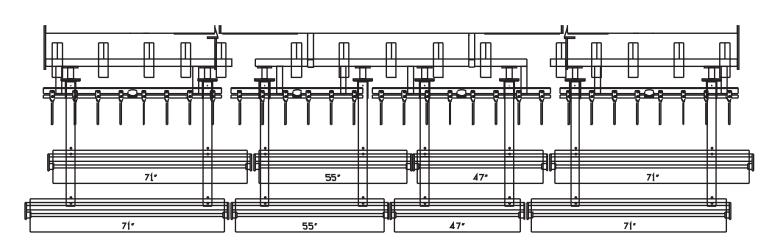
#### 2800 CULTIVATOR

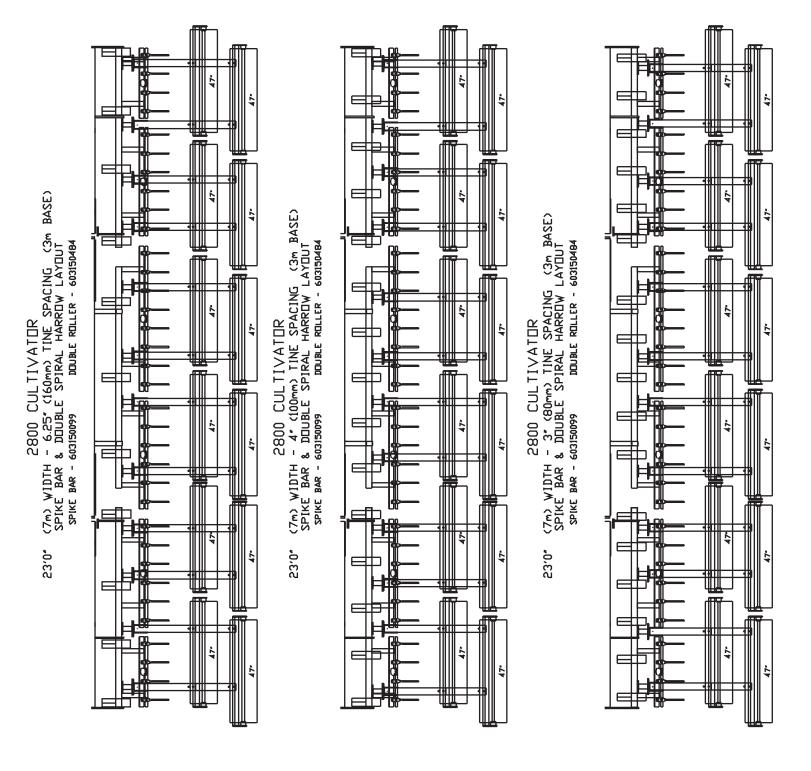
19'8" (6m) WIDTH - 4" (100mm) TINE SPACING (3m BASE)
SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT
SPIKE BAR - 603150495 DOUBLE ROLLER - 603150094

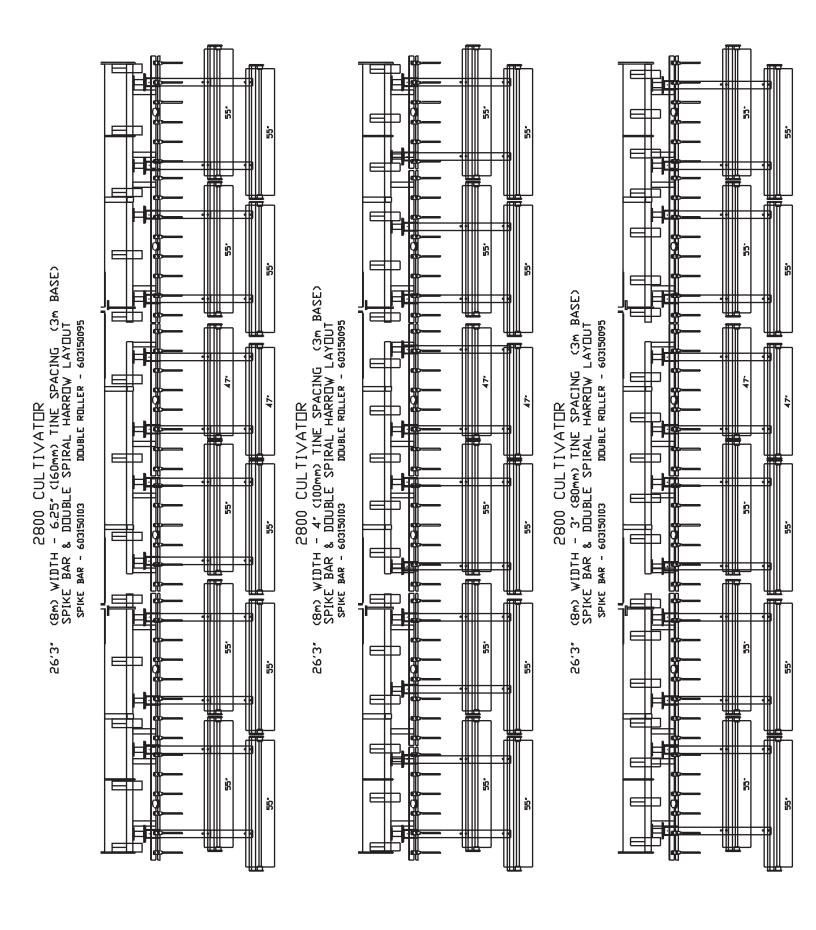


#### 2800 CULTIVATOR

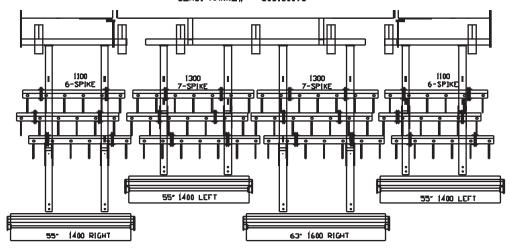
19'8" (6m) WIDTH - 3" (80mm) TINE SPACING (3m BASE) SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT SPIKE BAR - 603150495 DOUBLE ROLLER - 603150094







# 2800 CULTIVATOR 16'5" (5m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE) COMBI HARROW LAYOUT COMBI HARROW - 603150096

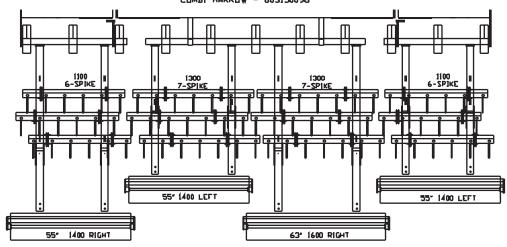


2800 CULTIVATOR

16'5" (5m) WIDTH - 4" (100mm) TINE SPACING (3m BASE)

COMBI HARROW LAYOUT

COMBI HARROW - 6031500%

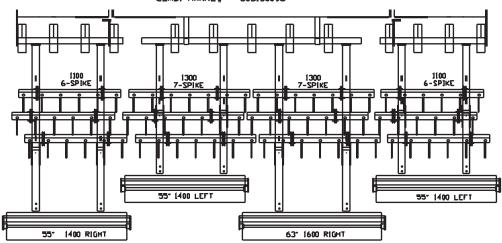


2800 CULTIVATOR

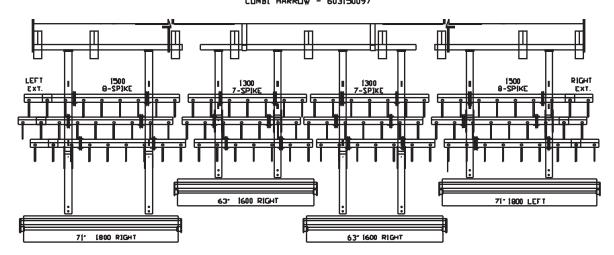
16'5' (5m) WIDTH - 3' (80mm) TINE SPACING (3m BASE)

COMBI HARROW LAYOUT

COMBI HARROW - 603150096



# 2800 CULTIVATOR 19'8" (6m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE) COMBI HARROW LAYOUT COMBI HARROW - 603150097

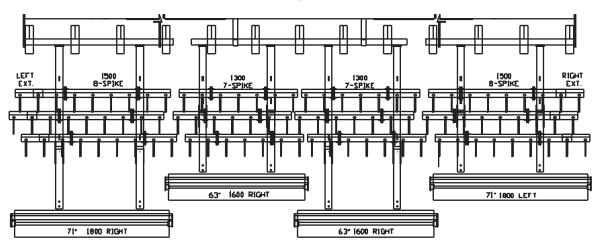


2800 CULTIVATOR

19'8" (6m) WIDTH - 4" (100mm) TINE SPACING (3m BASE)

COMBI HARROW LAYOUT

COMBI HARROW - 603150097

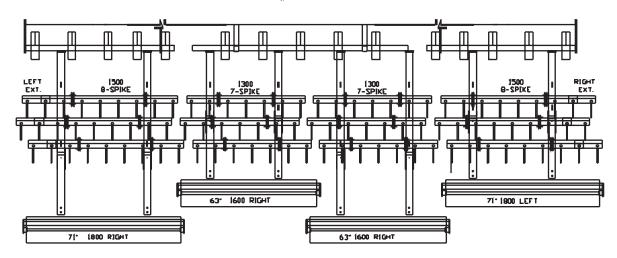


2800 CULTIVATOR

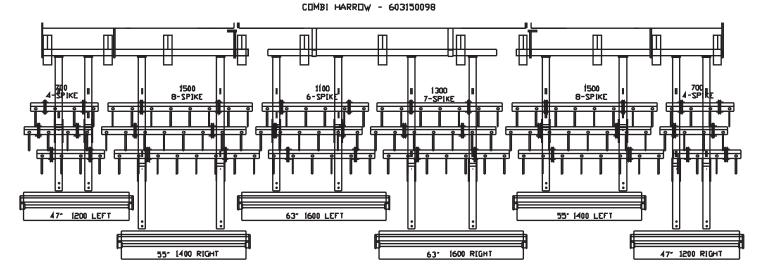
19'8" (6m) WIDTH - 3" (80mm) TINE SPACING (3m BASE)

COMBI HARROW LAYOUT

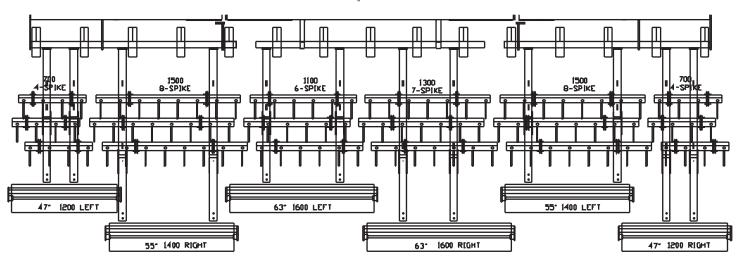
COMBI HARROW - 603150097



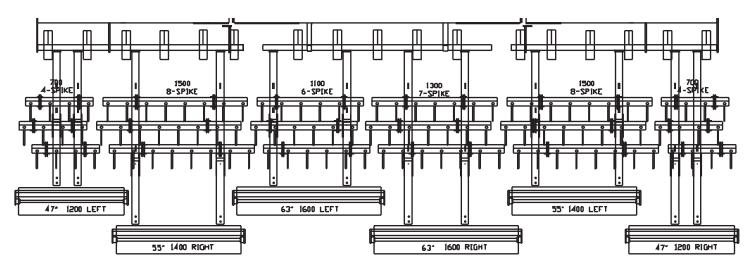
2800 CULTIVATOR
23'0" (7m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE)
COMBI HARROW LAYOUT



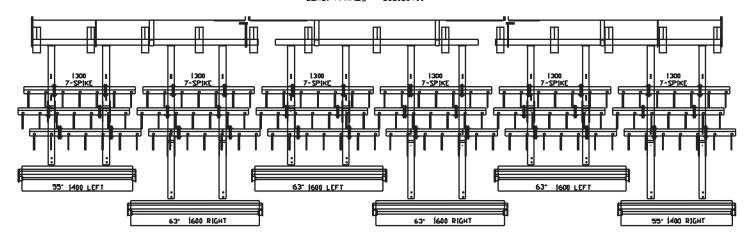
2800 CULTIVATOR
23'0" (7m) WIDTH - 4" (100mm) TINE SPACING (3m BASE)
COMBI HARROW LAYOUT
COMBI HARROW - 603(50098



2800 CULTIVATOR
23'0" (7m) WIDTH - 3" (80mm) TINE SPACING (3m BASE)
COMBI HARROW LAYOUT
COMBI HARROW - 603150098



## 2800 CULTIVATOR 26'3" (8m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE) COMBI HARROW LAYOUT COMBI HARROW - 603150491

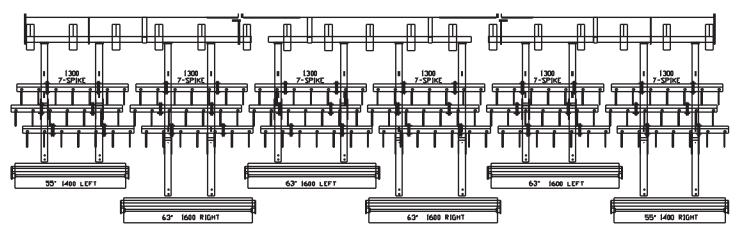


2800 CULTIVATOR

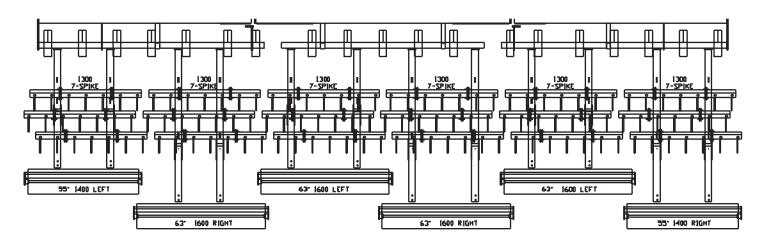
26'3" (8m) WIDTH - 4" (100mm) TINE SPACING (3m BASE)

COMBI HARROW LAYOUT

COMBI HARROW - 603150491

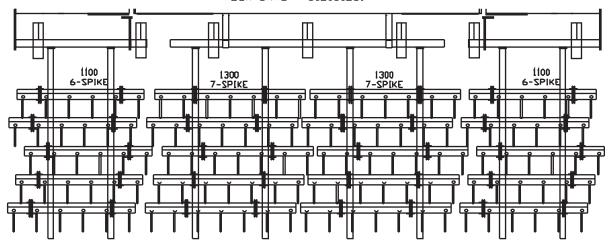


2800 CULTIVATOR
26'3" (8m) WIDTH - 3" (80mm) TINE SPACING (3m BASE)
COMBI HARROW LAYOUT
COMBI HARROW - 603(5049)



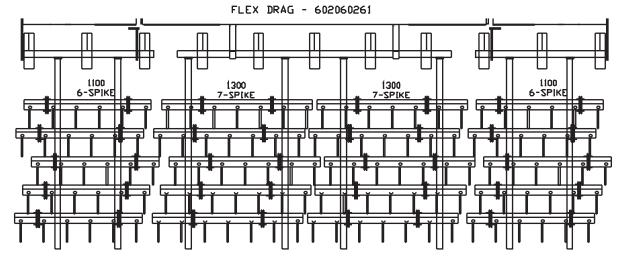
16'5" (5m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE) FLEX DRAG HARROW LAYOUT

FLEX DRAG - 602060261



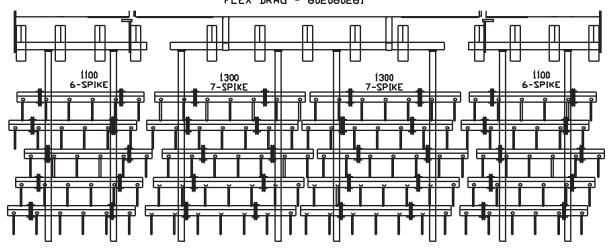
2800 CULTIVATOR

16'5" (5m) WIDTH - 4" (100mm) TINE SPACING (3m BASE) FLEX DRAG HARROW LAYOUT



2800 CULTIVATOR

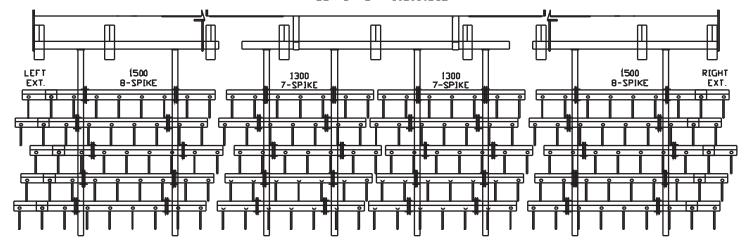
16'5" (5m) WIDTH - 3" (80mm) TINE SPACING (3m BASE) FLEX DRAG HARROW LAYOUT FLEX DRAG - 602060261



19'8" (6m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE)

FLEX DRAG HARROW LAYOUT

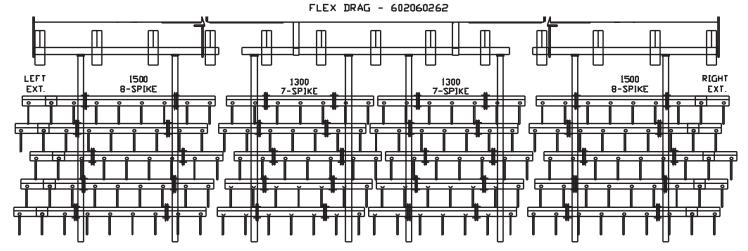
FLEX DRAG - 602060262



#### 2800 CULTIVATOR

19'8" (6m) WIDTH - 4" (100mm) TINE SPACING (3m BASE)

FLEX DRAG HARROW LAYOUT

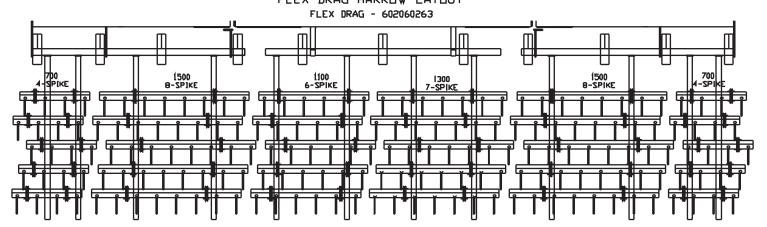


#### 2800 CULTIVATOR

19'8" (6m) WIDTH - 3" (80mm) TINE SPACING (3m BASE)

FLEX DRAG HARROW LAYOUT

23'0" (7m) WIDTH - 6.25" (160mm) TINE SPACING (3m BASE) FLEX DRAG HARROW LAYOUT

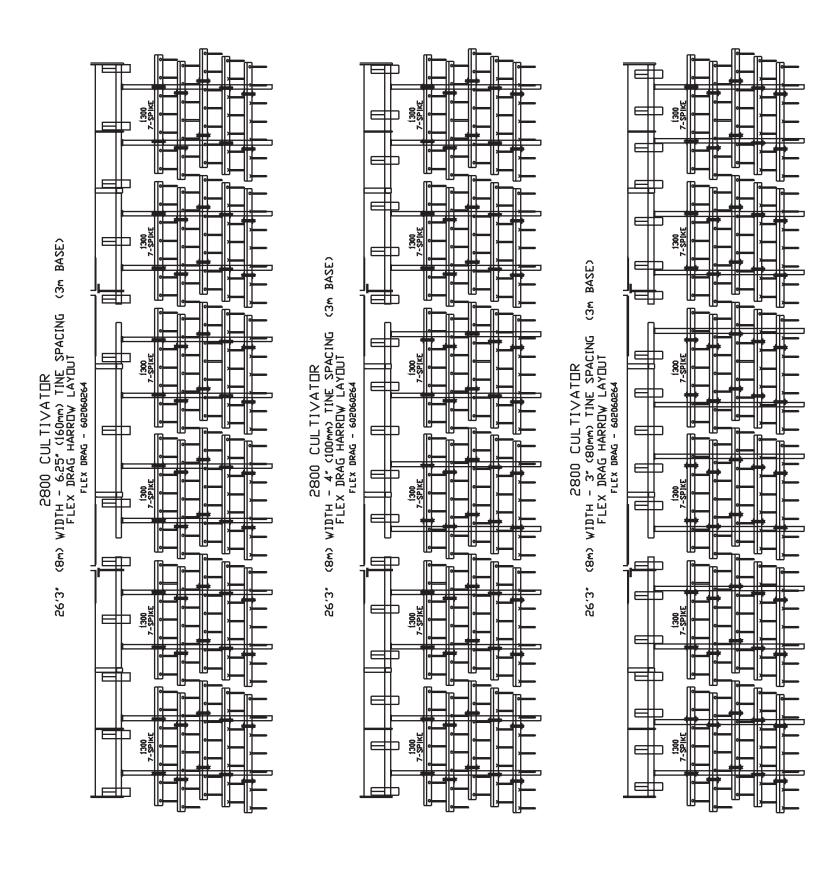


#### 2800 CULTIVATOR

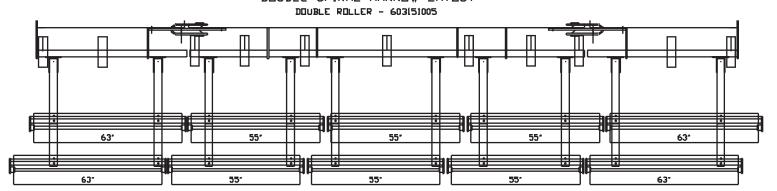
23'0" (7m) WIDTH - 4" (100mm) TINE SPACING (3m BASE) FLEX DRAG HARROW LAYOUT

#### 2800 CULTIVATOR

23'0" (7m) WIDTH - 3" (80mm) TINE SPACING (3m BASE) FLEX DRAG HARROW LAYOUT

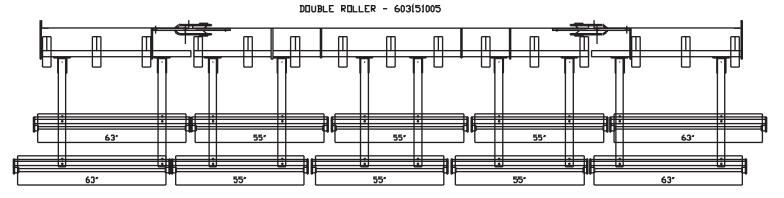


23'0" (7m) WIDTH - 6.25" (160mm) TINE SPACING (4m BASE)
DOUBLE SPIRAL HARROW LAYOUT



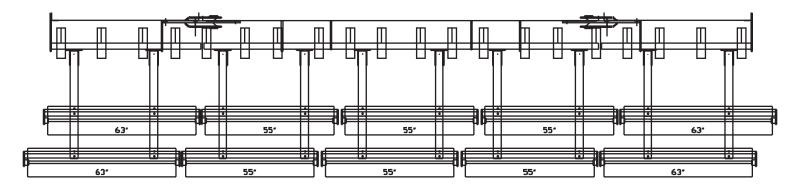
#### 2800 CULTIVAT□R

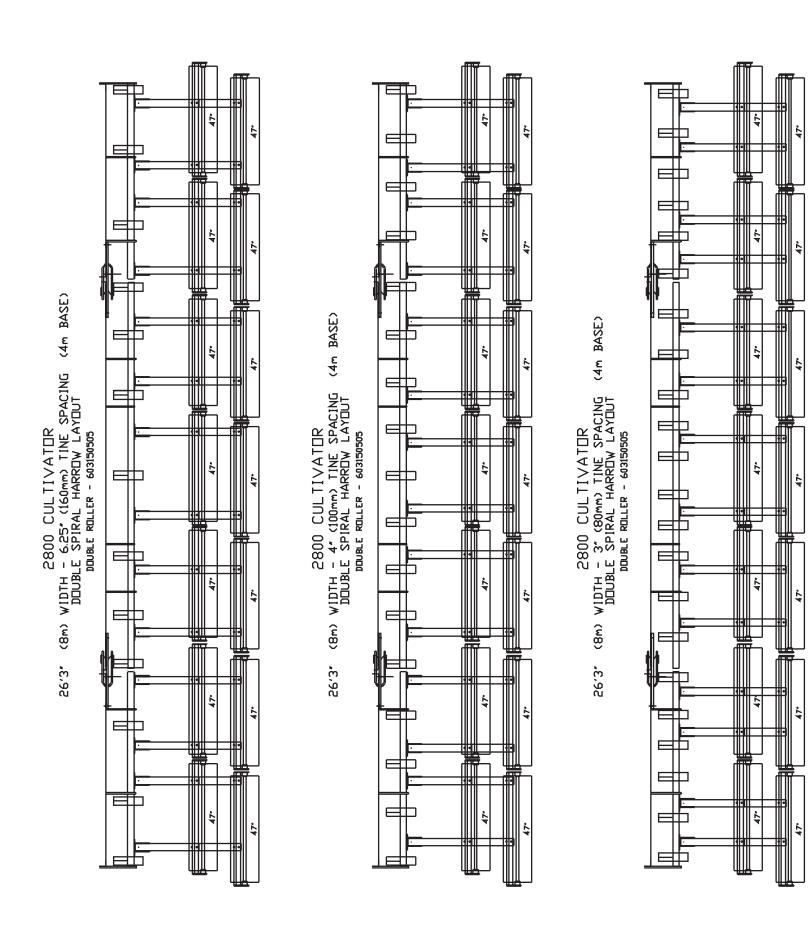
23'0" (7m) WIDTH - 4" (100mm) TINE SPACING (4m BASE) DOUBLE SPIRAL HARROW LAYOUT

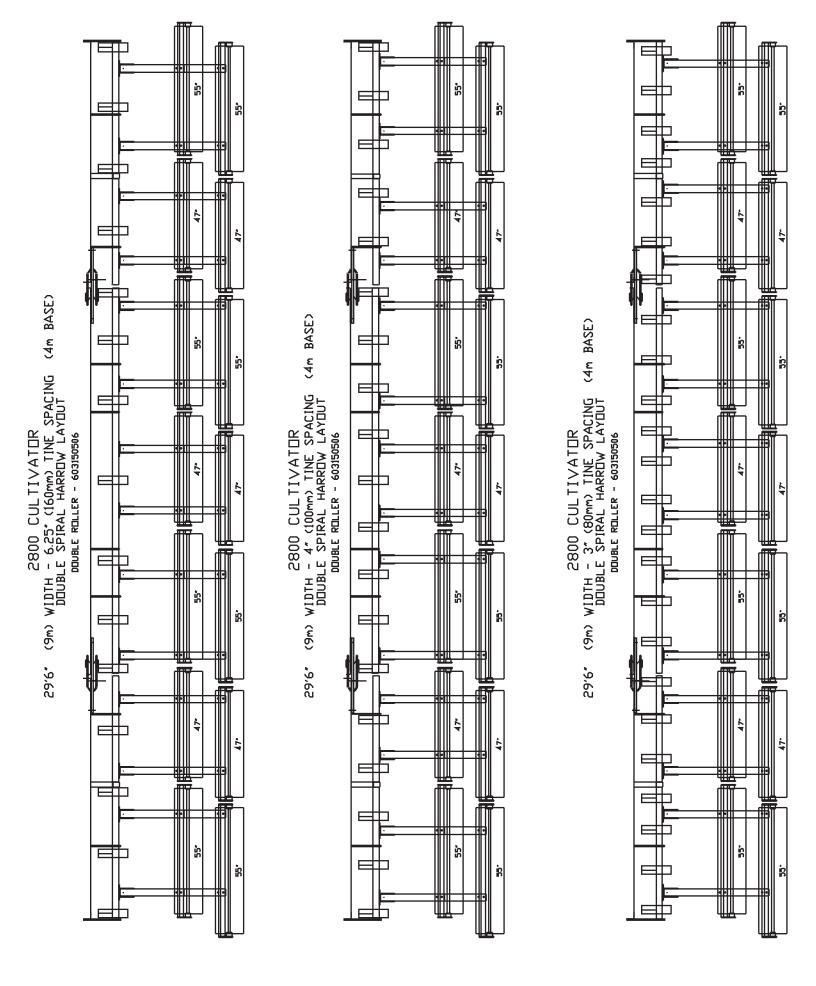


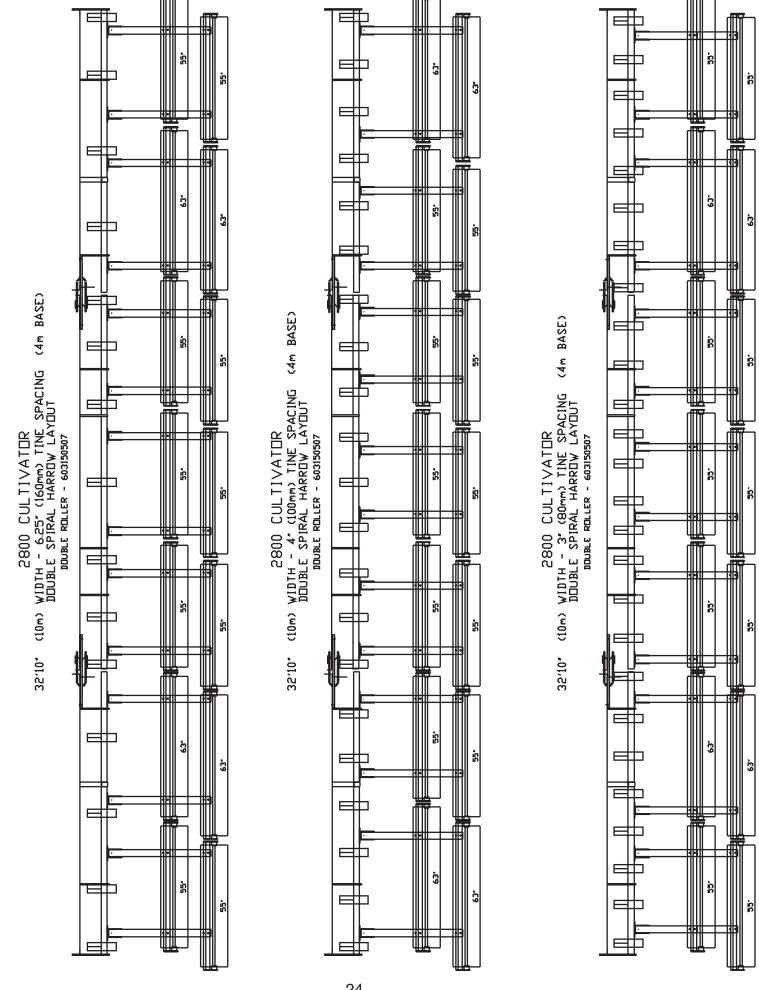
#### 2800 CULTI∨AT□R

23'0" (7m) WIDTH - 3" (80mm) TINE SPACING (4m BASE)
DDUBLE SPIRAL HARRDW LAYDUT
DDUBLE ROLLER - 603(51005

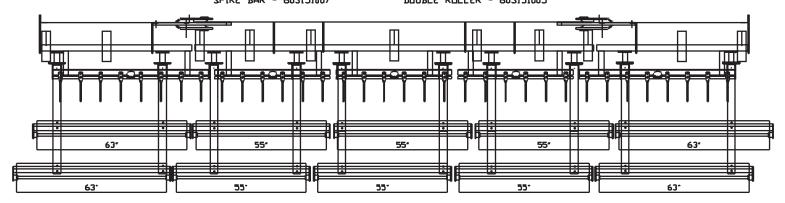






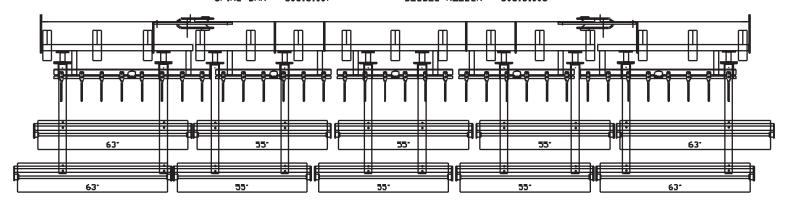


23'0" (7m) WIDTH - 6.25" (160mm) TINE SPACING (4m BASE)
SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT
SPIKE BAR - 603151007 DOUBLE ROLLER - 603151005



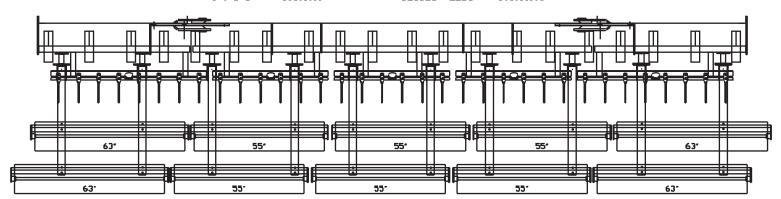
#### 2800 CULTIVATOR

23'0" (7m) WIDTH - 4" (100mm) TINE SPACING (4m BASE)
SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT
SPIKE BAR - 603151007 DOUBLE ROLLER - 603151005



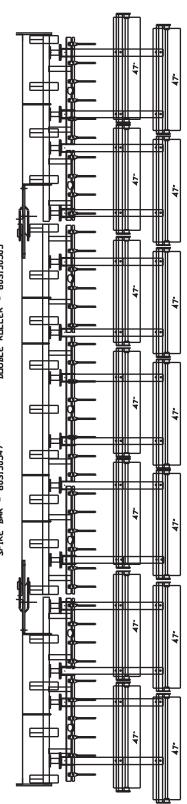
#### 2800 CULTIVATOR

23'0" (7m) WIDTH - 3" (80mm) TINE SPACING (4m BASE)
SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT
SPIKE BAR - 603151007 DOUBLE ROLLER - 603151005

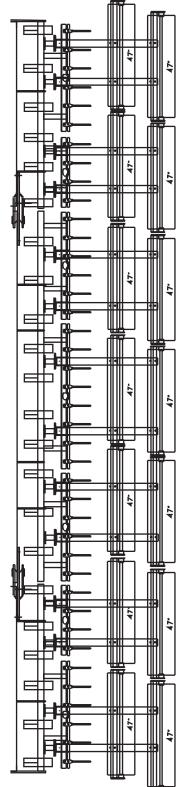


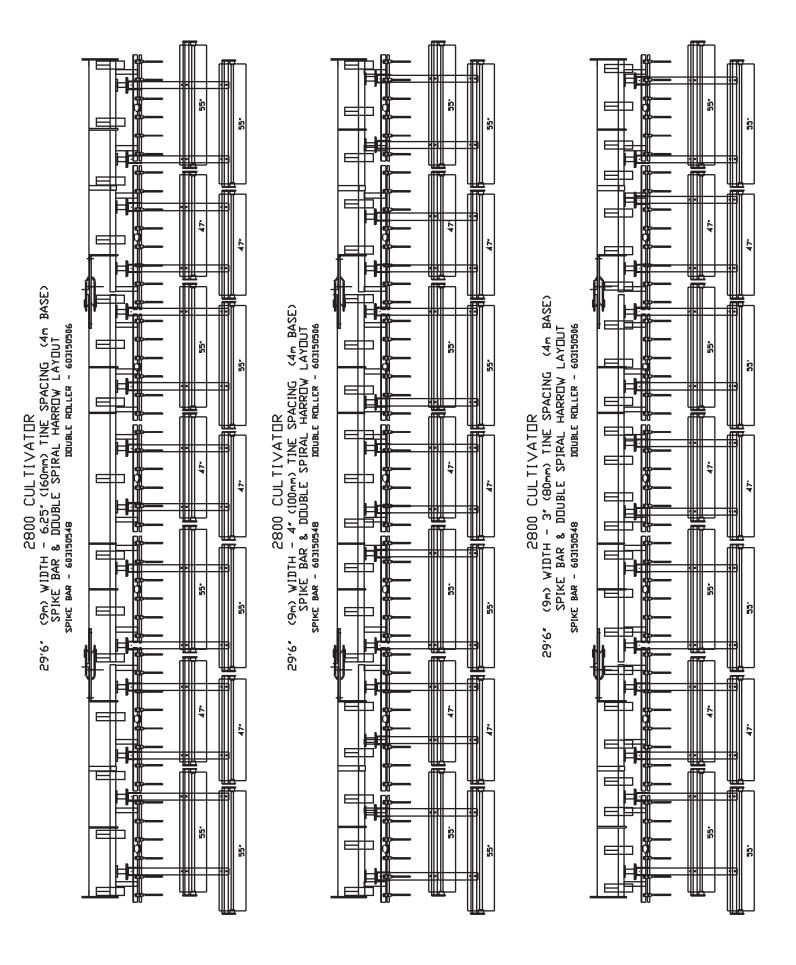
(8m) WIDTH - 6.25" (160mm) TINE SPACING (4m BASE) SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT DOUBLE ROLLER - 603150505 2800 CULTIVATOR # 47. SPIKE BAR - 603150547 47. 26.3. 47

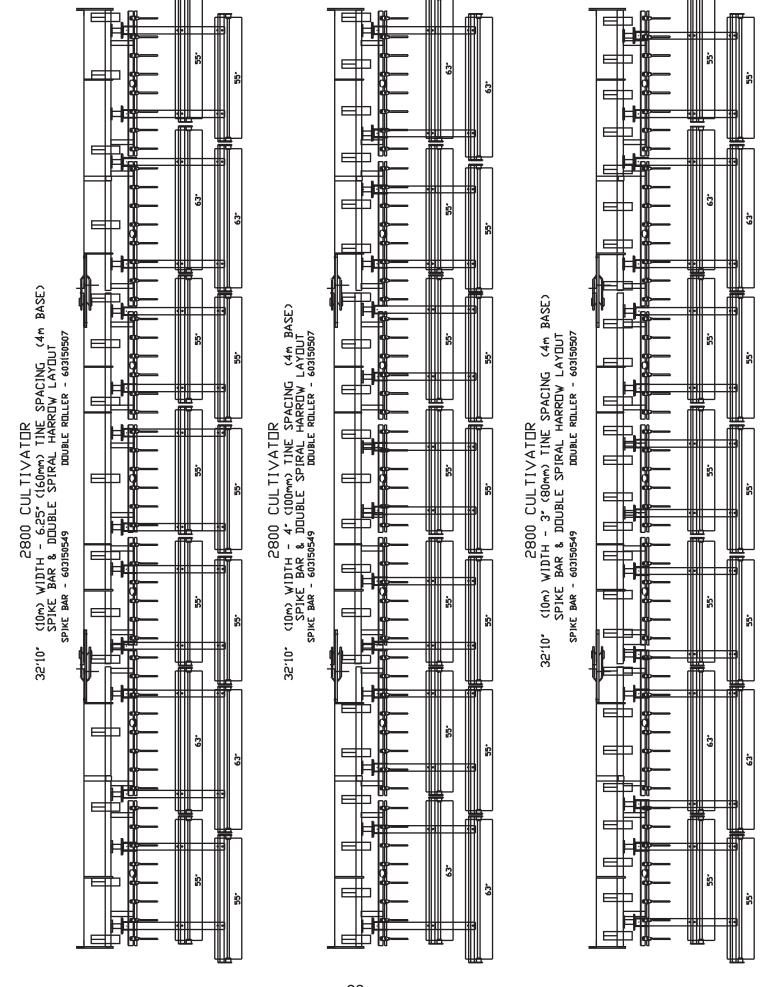
2800 CULTIVATOR
26'3" (8m) WIDTH - 4" (100mm) TINE SPACING (4m BASE)
SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT
SPIKE BAR - 603150547 DOUBLE ROLLER - 603150505



2800 CULTIVATOR 26'3" (8m) WIDTH - 3" (80mm) TINE SPACING (4m BASE) SPIKE BAR & DOUBLE SPIRAL HARROW LAYOUT SPIKE BAR - 603150547 DOUBLE ROLLER - 603150505

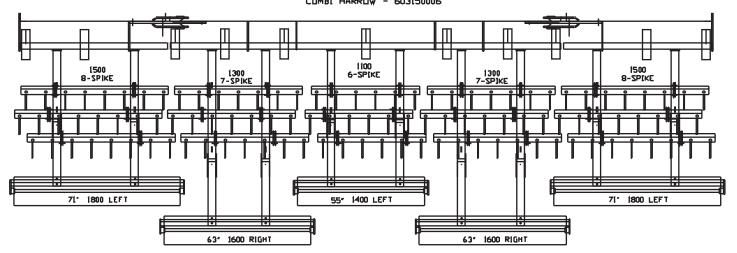






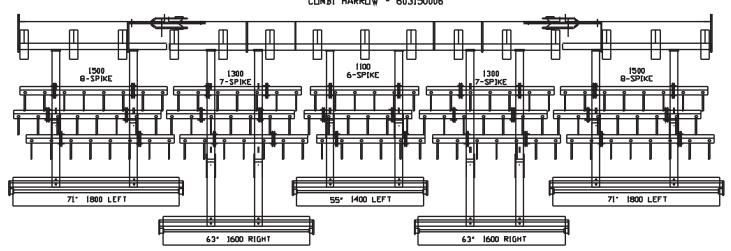
### 2800 CULTIVATOR 23.0° (7m) WIDTH - 6.25° (160mm) TINE SPACING (4m BASE)

COMBI HARROW LAYOUT



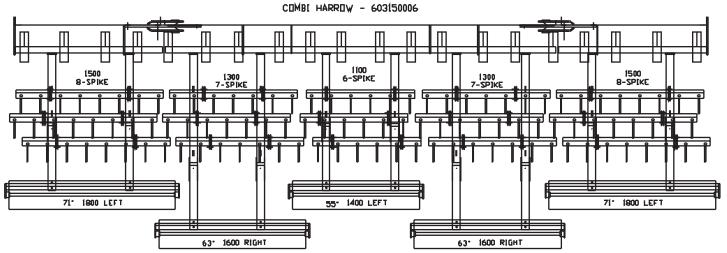
2800 CULTIVATOR

23'0' (7m) WIDTH - 4' (100mm) TINE SPACING (4m BASE)
COMBI HARROW LAYOUT
COMBI HARROW - 603150006



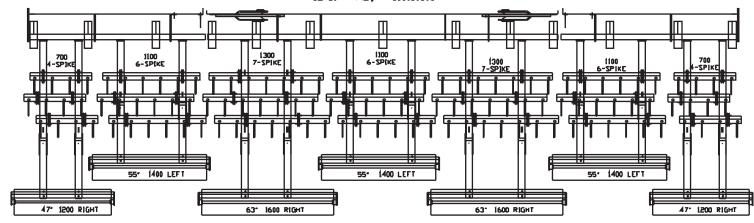
#### 2800 CULTIVATOR

23'0" (8m) WIDTH - 3" (80mm) TINE SPACING (4m BASE)
COMBI HARROW LAYOUT



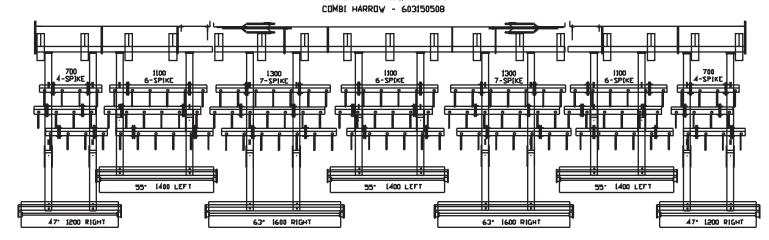
### 2800 CULTIVATOR 26'3" (8m) WIDTH - 6.25" (160mm) TINE SPACING (4m BASE) COMBI HARROW LAYOUT

COMBI HARROW - 603150508

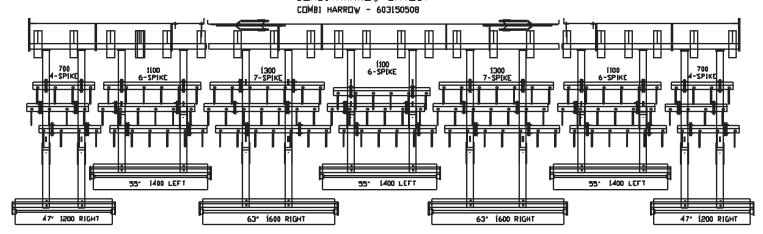


2800 CULTI√AT□R

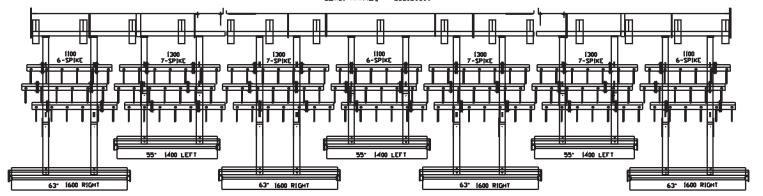
26'3" (8m) WIDTH - 4" (100mm) TINE SPACING (4m BASE)



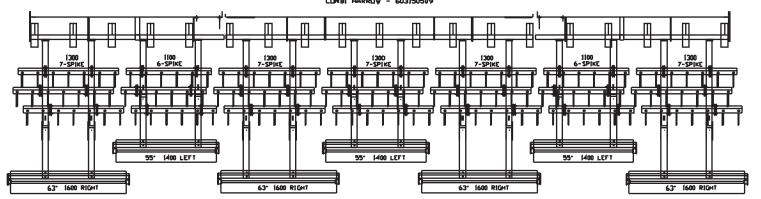
#### 2800 CULTIVATOR 26'3" (8m) WIDTH - 3" (80mm) TINE SPACING (4m BASE) COMBI HARROW LAYOUT



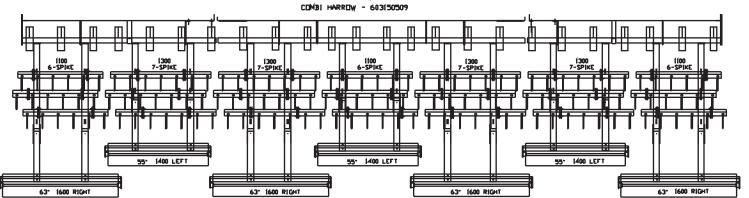
2800 CULTIVATOR
29'6" (9m) WIDTH - 6.25" ((60mm) TINE SPACING (4m BASE)
COMBI HARROW LAYOUT
COMBI HARROW - 603150509

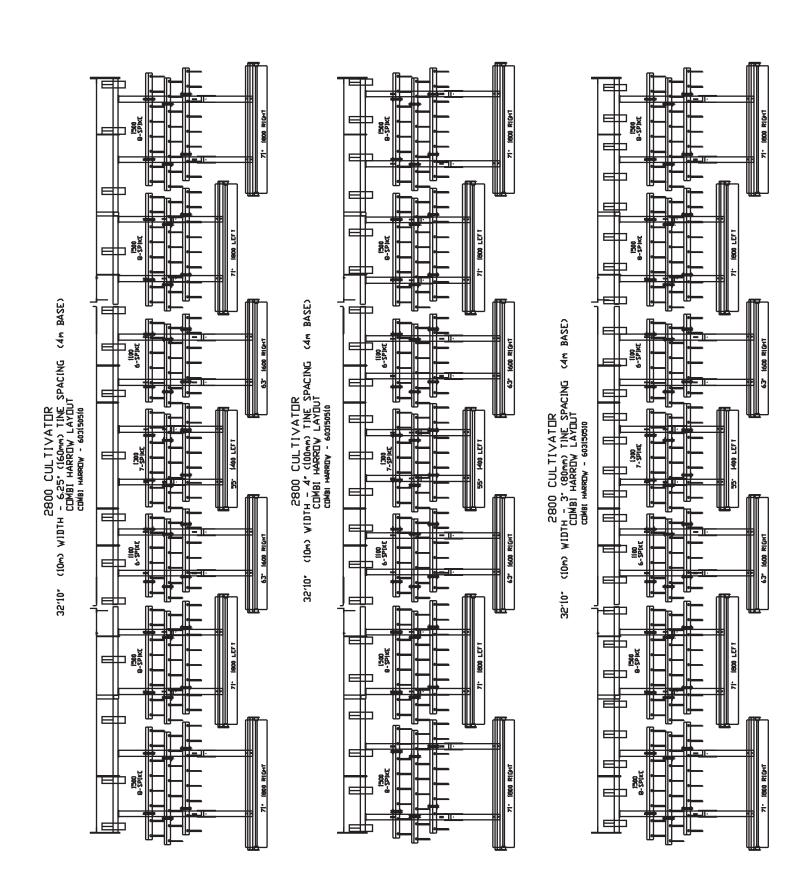


2800 CULTIVATOR
29'6" (9m) WIDTH - 4" (100mm) TINE SPACING (4m BASE)
COMBI HARROW LAYOUT
COMBI HARROW - 603150509



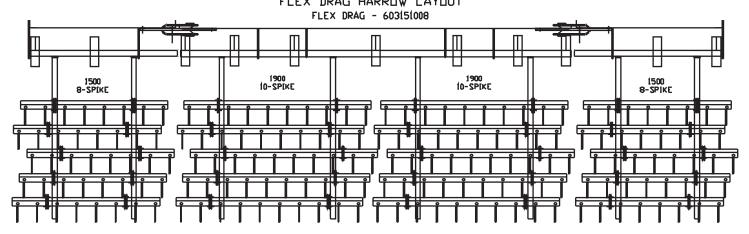
2800 CULTIVATOR
29'6' (9m) WIDTH - 3' (80mm) TINE SPACING (4m BASE)
COMBI HARROW LAYOUT





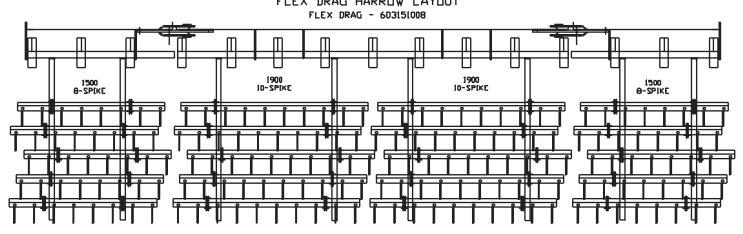
#### 2800 CULTIVAT□R

23'0" (7m) WIDTH - 6.25" (160mm) TINE SPACING (4m BASE) FLEX DRAG HARROW LAYOUT



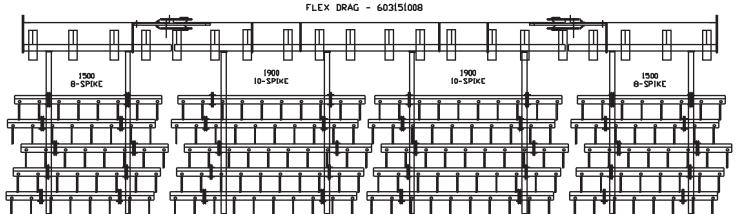
#### 2800 CULTIVATOR

23'0" (7m) WIDTH - 4" (100mm) TINE SPACING (4m BASE) FLEX DRAG HARROW LAYOUT

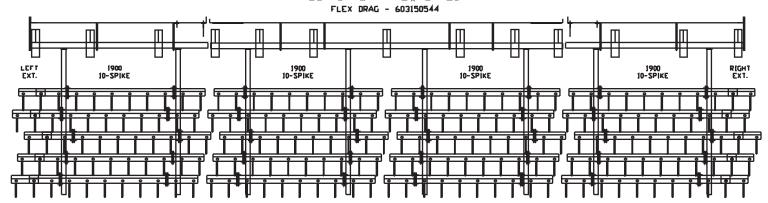


#### 2800 CULTIVATOR

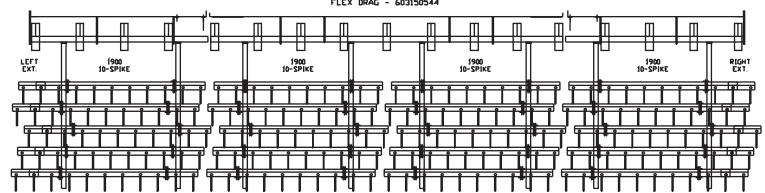
23'0" (7m) WIDTH - 3" (80mm) TINE SPACING (4m BASE) FLEX DRAG HARROW LAYOUT



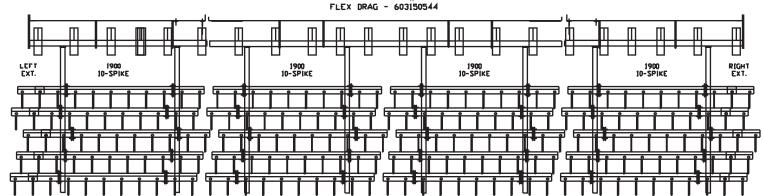
### 2800 CULTIVATOR 26'3" (8m) WIDTH - 6.25" (160mm) TINE SPACING (4m BASE) FLEX DRAG HARROW LAYOUT



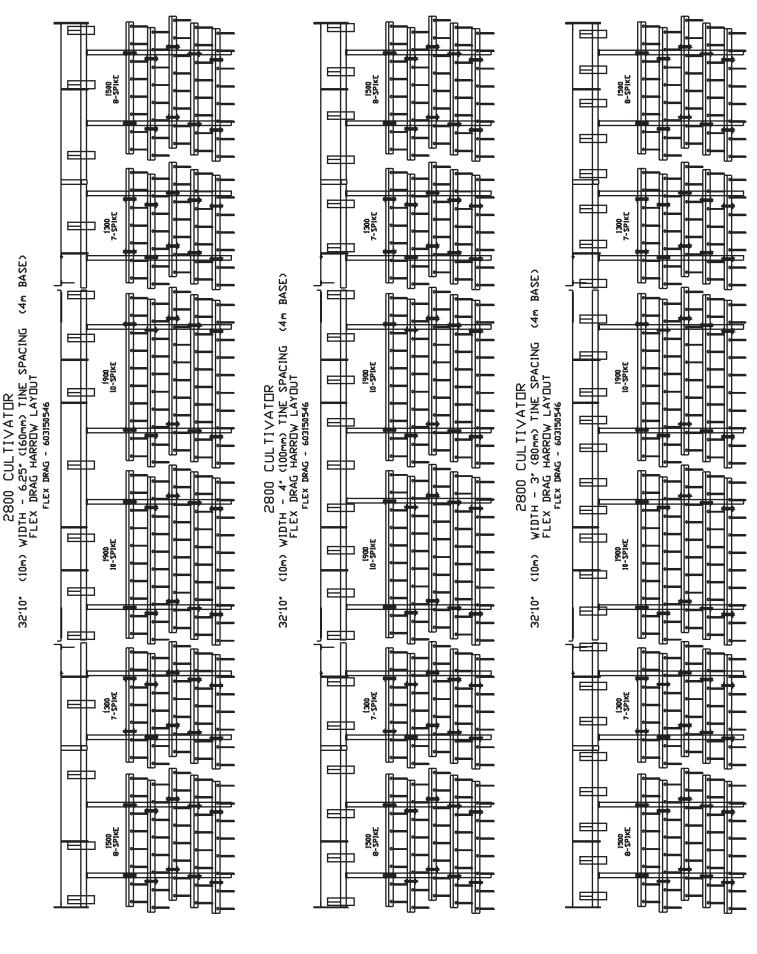
2800 CULTIVATOR
26'3" (8m) WIDTH - 4" (100mm) TINE SPACING (4m BASE)
FLEX DRAG HARROW LAYOUT
FLEX DRAG - 603150544



2800 CULTIVATOR
26'3" (8m) WIDTH - 3" (80mm) TINE SPACING (4m BASE)
FLEX DRAG HARROW LAYOUT



1100 6-SPIKE 1100 5-SPIKE 55 SPIKE 1300 7-SPIKE 1300 7-SPIKE 1300 7-SPIKE 2800 CULTIVATOR (9m) WIDTH - 6.25° (160mm) TINE SPACING (4m BASE) FLEX DRAG HARROW LAYOUT FLEX DRAG - 603150545 2800 CULTIVATOR WIDTH - 3' (80mm) TINE SPACING (4m BASE) FLEX DRAG HARROW LAYDUT FLEX DRAG - 603150545 (4m BASE) 2800 CULTIVATOR (9m) WIDTH - 4" (100mm) TINE SPACING FLEX DRAG HARROW LAYOUT FLEX DRAG - 603150545 1900 (0-5P)KE 1900 10-SPIKE 1900 (0-SPJKE 曲 1900 10-SPIKE 1900 10-SPIKE 1900 10-SPIKE (9m) 29′8″ 29,8" 29,8\* 1300 7-SPIKE 1300 7-SPIKE 1300 7-SPIKE 耳 1100 6-SPIKE 100 6-39 KC 향



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