

**PRICE LIST 2015**

Date Effective **December 14th**



SINCE 1903

# MURRAY AGRICULTURAL EQUIPMENT

## TINE HARROW SYSTEMS

**Hugh Murray & Son Pty Ltd;**

ABN 74 004 169 135, trading as

**MURRAY AGRICULTURAL EQUIPMENT**

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**100% AUSTRALIAN MADE AND OWNED**

# CULTIVATION

## STUMP JUMP



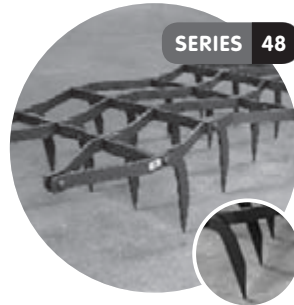
### A versatile implement

A dependable and versatile harrow that easily accommodates uneven ground, light stony areas and roughly cleared land. Features a flexible 'Stump Jump' action frame, cut tines and 4 pull points per section.



### Wrap around frame design

Known as the "Broadacre Stump Jump", this harrow will clear your land with ease. Manufactured using forged tines in a wrap around design featuring 2 pull points per section, it is able to be used with most hydraulic drawbars.



### The problem solver

The "Jumbo Cultivation" is a heavy duty Stump Jump Harrow featuring a wrap around cut tine design and 2 pull points per section. Manufactured from heavier steel, it will make light work of problematic land.

## DIAMOND



### Improve your moisture penetration

A rigid Harrow used for weed control and final seedbed preparation. Features a sturdy diamond frame and tapered tines to shatter soil crusts allowing improved aeration and moisture penetration. Bolt-on High Carbon steel tines allow for easy replacement.

# LEVELLING

## SPRING TINE



### The popular all-rounder

A popular choice for levelling operations, this model is used in conjunction with a primary or secondary implement. Mounting brackets are available to suit most popular implements. Available in a range of sizes.



### Just right for light soils

Specifically designed for light to sandy soils, the light duty Spring Tine comes with two mount arms which are able to be used with most popular implements. Available in a range of sizes.



### Built for tough conditions

A heavy duty Spring Tine used to break down cloddy ground and to prepare final seedbeds. Generally used to complement scarifiers and chisel plows, each unit is supplied complete with two mounts arms which are able to be used with most popular implements.

## LEVELLING



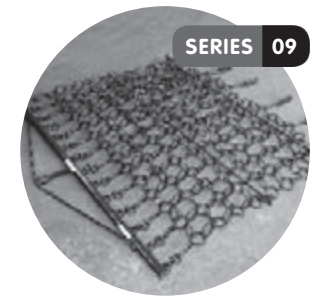
### Level your soil with ease

Designed to level soil and seedbeds complementing sowing or cultivation implements. Available in a heavy version if you require additional weight to work your land.



### Rugged levelling design

A heavy duty levelling harrow with a forged tine design suitable for rough country. Available in three and four row width versions.



### A multi-purpose solution

A 'Reduced Tillage' implement suitable to be used for spreading organic matter and levelling seedbeds. Three different depths of chain mesh are available each providing a different level of aggression and pulverisation to suit your requirements.

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# PASTURE

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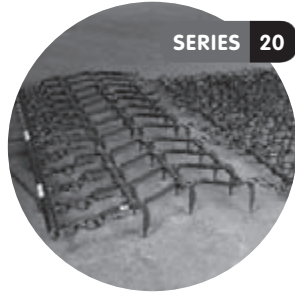
## PASTURELAND



### Improve your pasture yield

A light duty harrow specially designed for areas less than 40 hectares (100 acres). Used to aerate pastures, it will break up and spread organic matter. Features a drawbar, tripod sections and deep mesh chain. 3 point linkage hoist frame versions are available.

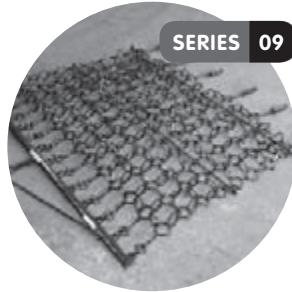
## PASTURE



### Aerate your pasture

A popular option for larger field operations where strength and durability are required. Capable of aerating larger fields over 40 hectares (100 acres), it will accommodate uneven ground, light stony areas and rough country. Features a drawbar, pasture harrow sections and a deep mesh chain. 3 point linkage hoist frame versions are available.

## CHAIN



### A multi-purpose solution

A 'Reduced Tillage' implement suitable to be used for spreading organic matter and levelling seedbeds. Three different depths of chain mesh are available each providing a different level of aggression and pulverisation to suit your requirements. Used in strip grazing applications.

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# ACCESSORIES

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## FRAMES



### Hoist Frame

Transport harrows between paddocks, over roadways or to your storage facility with ease. Compatible with Category I or II three point linkage systems. Designed to carry Series 04 Diamond, Series 05 Pastureland, Series 08 Stump Jump and Series 20 Pasture Harrows.



### Folding Frame

Transport solutions for applications that require multiple sections of the Series 04 Diamond Harrows and Series 08 Stump Jump Harrows. Compatible with Category I or II three point linkage systems.

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# CONTACT

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## AUSTRALIAN RECOMMENDED PRICE LIST; December 14th 2015

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## MURRAY AGRICULTURAL EQUIPMENT

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Murray Agricultural Equipment's vision statement in part states;

*"To strive for excellence in all that we do; to be recognized as a trusted supplier and to be our customers' preferred supplier of choice through the provision of quality products and first class service at a competitive price." We want to be a business providing quality products, backed up with a no quibble warranty policy, that our customers are happy to deal with.*

**Following are a few simple points;**

**PRICES:** This Price List dated December 14th 2015 supersedes our Price List dated 15/7/2013. All weights shown are approximate and exclude any allowance for packaging and pallets etc.

Prices shown are "Ex Warehouse" Dandenong, Victoria, Australia. Prices are subject to change at any time without notice.

The prices set out or referred to herein are recommended Australian GST excluded selling prices (RSP) & are subject to Australian GST, and GST included selling prices (RRP). Both sets of prices are also subject to other levies etc where applicable; and freight costs. There is no obligation to comply with these recommendations. No attempt is made to suggest the price the buyer decides to sell for; and no attempt is made to suggest the sales policies, discounts, terms etc; the buyer may have with its customers. This Price List is not an offer to trade. All product names and brand names mentioned are or may be trademarks or registered trademarks of their respective owners. E. & O.E.

**PRODUCT DESIGN & SPECIFICATIONS** are subject to change and / or variation or improvement at any time without notice and without incurring obligation. Murray Harrows are designed to be pulled (towed) by a tractor correctly fitted with an approved rollover protection structure. Murray Harrows are NOT intended to be attached to / used with or pulled (towed) by ATV's, Ride on Lawn Mowers or similar equipment.

**PAYMENT:** *Like all businesses we want to be paid for our work.* Trade account customers are to pay for goods before the 27th day of the calendar month following the month during which the goods were invoiced. Other customers are to pay for goods prior to their despatch.

**RETURNS:** *Shouldn't be a problem, just let us know before hand.*

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## MURRAY AGRICULTURAL EQUIPMENT

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### GLOSSARY OF TERMS;

#### **CULTIVATION HARROWS – “CATEGORY C”**

Used for breaking down clods, weed control and final seedbed preparation.

#### **LEVELLING HARROWS – “CATEGORY L”**

Designed to cover seed, as well as level soil and seedbeds after clods and larger material have been reduced.

#### **PASTURE HARROWS – “CATEGORY P”**

Used in pasture establishment, maintenance and renovation applications. Designed for light pasture aeration, levelling, breaking down and spreading organic matter.

**COVERAGE** The measurements included in this Price List, our Pamphlets and our other publications regarding Coverage, Width or Size may or may not be the actual physical measurements of our Products, Harrows, Sections, Sets, Units, Machines etc. The Term Coverage may be used to generally describe a Harrow's actual working width rather than the actual physical measurement. A Harrow's Tine Spacing may also have some role in its Coverage.

**RANK** Number of “rows deep” or number of “rows” of Harrow Tines from FRONT to BACK. From the front of the Harrow section or Tine Section to the rear of the Harrow. Depth of a Harrow Section. Can be 2 Rank, 3 Rank, 4 Rank or 5 Rank. Cultivation Harrow sections are usually 5 Rank deep, ie; Stump Jump, Jumbo, Diamond Harrow sections. Or put another way, a 5 Rank Harrow section is a “Full” Harrow section.

**RSP** Recommended Selling Price excluding Australian GST of 10%.

**RRP** Recommended Retail Price including Australian GST of 10%.

### **QUESTIONS..... INQUIRIES..... INFORMATION.....**

If you have any questions, or if you need additional information, just call us on (03) 9791 7033 between 8.15am and 4.00pm (Eastern Standard / Victorian Summer Time) business days or fax us on (03) 9791 1894. We can be contacted via email at; [info@murrayag.com.au](mailto:info@murrayag.com.au) for general information and at; [sales@murrayag.com.au](mailto:sales@murrayag.com.au) for all sales and accounts enquiries. Our friendly staff are always happy to assist.

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## MURRAY AGRICULTURAL EQUIPMENT

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### SERIES 08 STUMP JUMP HARROW SYSTEM (4 Point Pull) (Category C)

**SERIES 08 MODEL 8020** Section only price \$ 507 RSP, \$ 557.70 RRP each

**Specifications:**

- Weight 41kg (90lb).
- Coverage 0.86M (2' 10").
- Tine spacing 44mm (1 3/4").
- Tine length 197mm (7 3/4") approx.
- Centre to centre of Front Hooks 222mm (8 3/4").
- 5 Ranks / 20 Tines.

**Features:** 4 Point Pull (4PP). "Cut" Tine ends, pipe spacers throughout section. Manufactured from 32 x 10mm carbon steel.

**Market Note:** Refer to Series 44 & Series 48 for 2 Point Pull (Page 9 & 11 respectively).



Series 08 Model 8020 Stump Jump Section shown

**DRAG TYPE**

**COMPLETE SETS WITH STANDARD (4 Point Pull) DRAWBAR**

**DRAWBAR ONLY (4 Point Pull)**

DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
2 sections with bar	1.72M (5'8")	\$ 1,328	\$ 1,460.80	97kg	8021	\$ 314	\$ 345.40	15kg
3 " " " "	2.59M (8'6")	2,022	2,224.20	146kg	8022	501	551.10	23kg
4 " " " "	3.45M (11'4")	2,727	2,999.70	204kg	8023	699	768.90	40kg
5 " " " "	4.31M (14'2")	3,515	3,866.50	265kg	8024	980	1,078.00	60kg
6 " " " "	5.18M (17')	4,404	4,844.40	333kg	8025	1,362	1,498.20	87kg
6 sections with 2 pce bars & master bar	5.18M (17')	4,627	5,089.70	325kg	8026	1,585	1,743.50	79kg
8 " " " "	6.90M (22'8")	6,162	6,778.20	452kg	8027	2,106	2,316.60	132kg
10 " " " "	8.63M (28'4")	7,883	8,671.30	593kg	8040	2,813	3,094.30	189kg

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### SERIES 08 STUMP JUMP HARROW SYSTEM (4 Point Pull) (Category C)



Series 08 Stump Jump (drag type), 3 Sections with bar, 2.59M (8'6") Complete Set shown

#### 3-POINT LINKAGE HOIST LIFT TYPE SETS (4 Point Pull) Featuring Series 21 Hoist Frame

MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT
8028	2 section	1.72M (5'8")	\$ 2,451	\$ 2,696.10	152kg
8029	3 "	2.59M (8'6")	3,248	3,572.80	204kg
8030	4 "	3.45M (11'4")	4,060	4,466.00	272kg
8031	5 "	4.31M (14'2")	4,944	5,438.40	349kg

#### COMPONENTS ONLY

21002	Series 21 Hoist Frame only		\$ 847	\$ 931.70	45kg
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#### FRONT LIFT DRAWBARS ONLY (4PP)

MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT
8050	2 section	1.72M (5'8")	\$ 328	\$ 360.80	15kg
8048	3 "	2.59M (8'6")	516	567.60	23kg
8049	4 "	3.45M (11'4")	714	785.40	40kg
8068	5 "	4.31M (14'2")	995	1,094.50	60kg

#### REAR LIFT DRAWBARS ONLY (incl Lift Clips)

MODEL	RSP	RRP	WEIGHT
8052	\$ 262	\$ 288.20	10kg
8033	364	400.40	13kg
8034	471	518.10	23kg
8069	567	623.70	39kg

COMPLETE SET COMPRISES – Front Lift Drawbar, Harrow sections, Rear Lift Drawbar including Lift Clips and Series 21 3-Point Linkage Hoist Frame.

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### SUMMARY OF SERIES 08 & 20 SERVICE PARTS

			
P/N 108001	P/N 108002	P/N 108003	P/N 108004
1 <sup>st</sup> Rank Tine Assembly	2 <sup>nd</sup> & 4 <sup>th</sup> Rank Tine Only	3 <sup>rd</sup> & 5 <sup>th</sup> Rank Tine Only	1 <sup>st</sup> Rank Spacer Only
\$ 29.50 ex    \$ 32.45 inc	\$ 20.70 ex    \$ 22.77 inc	\$ 21.20 ex    \$ 23.32 inc	\$ 4.00 ex    \$ 4.40 inc
1.5 kg	1.5 kg	1.5 kg	0.28 kg
			Pipe Spacer
			
P/N 108005	P/N 108006	P/N 108009	P/N 190257
2 <sup>nd</sup> – 4 <sup>th</sup> Rank Spacer Only	5 <sup>th</sup> Rank Spacer Only	Weld On Tip for Tine	1 <sup>st</sup> Rank Bolt
\$ 4.40 ex    \$ 4.84 inc	\$ 4.60 ex    \$ 5.06 inc	\$ 7.80 ex    \$ 8.58 inc	\$ 28.50 ex    \$ 31.35 inc
0.3 kg	0.35 kg	0.34 kg	1.24 kg
Pipe Spacer	Pipe Spacer	Overall length 170mm, 32 x 10 material Does Not Suit Series 48	5/8" x 30" c/w 2 Nuts

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P/N 190256	P/N 190255	P/N 122021	P/N 122213
2 <sup>nd</sup> – 4 <sup>th</sup> Rank Bolt	5 <sup>th</sup> Rank Bolt	Drawbar Ring Set	Drawbar Ring Set (Special)
\$ 27.90 ex      \$ 30.69 inc	\$ 27.00 ex      \$ 29.70 inc	\$ 20.30 ex      \$ 22.33 inc	\$ 20.30 ex      \$ 22.33 inc
1.23 kg	1.2 kg	0.65 kg	0.65 kg
5/8" x 29 1/2" c/w 2 Nuts	5/8" x 28" c/w 2 Nuts	12mm x 4 Rings per Set	12mm x 3 Rings welded & 1 open
			
P/N 122002	P/N 122008		
Drawbar Anchor Only 16mm	Ring Only 12mm		
\$ 3.20 ex      \$ 3.52 inc	\$ 3.00 ex      \$ 3.30 inc		
0.14 kg	0.15 kg		
16mm dia steel	12mm x 50mm cut & open		

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### SERIES 44 BROADACRE STUMP JUMP HARROW SECTIONS (2 Point Pull) (Category C)

#### SERIES 44 MODEL 44099 & 44050 “FORGED” TINE

MODEL 44099 “WRAP AROUND” **WITHOUT** the 2 Front connectors  
Section only price \$ 529 RSP, \$ 581.90 RRP each.  
Weight 44.2kg (97 1/4 lb).

MODEL 44050 “WRAP AROUND” complete **WITH** the 2 Front connectors  
Section only price \$ 545 RSP, \$ 599.50 RRP each.  
Weight 44.4kg (97 1/2 lb).

#### Specifications:

- Coverage 0.86M (2' 10").
- Tine spacing 44mm (1 3/4").
- Tine length 248mm (9 3/4") approx.
- Centre to centre of Anchors on a Series 44 drawbar 444mm (17 1/2").
- 5 Ranks / 20 Tines.

**Features:** 2 Point Pull (2PP). “Wrap around” Tine design. “Forged” Tine ends. 2 front connectors are included in Model 44050.  
Manufactured from 32 × 10mm carbon steel. Pipe spacers on the 5th rank (rear) only.

**Market Note:** Refer to Series 08 for 4 Point Pull (Page 5).

#### DRAWBAR ONLY (2 POINT PULL) [NON-STANDARD ORDER]

MODEL	DESCRIPTION	RSP	RRP	WEIGHT
44002	2 section	\$ 275	\$ 302.50	13kg
44003	3 ”	431	474.10	20kg
44004	4 ”	607	667.70	31kg
44005	5 ”	863	949.30	51kg
44006	6 ”	1,223	1,345.30	76kg









Series 44 Model 44099 Broadacre Stump Jump Section shown

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### SUMMARY OF SERIES 44 SERVICE PARTS

			
P/N 144008	P/N 144015	P/N 108009	P/N 122207
S44 & S48 Front Pin Assembly	Weld On Tip For Tine - Forged	Weld On Tip for Tine - Cut	Drawbar Link Set
\$ 8.00 ex      \$ 8.80 inc	\$ 10.80 ex      \$ 11.88 inc	\$ 7.80 ex      \$ 8.58 inc	\$ 20.90 ex      \$ 22.99 inc
0.13 kg	0.35 kg	0.34 kg	0.8 kg
	Overall length 170mm, 32 x 10 material	Overall length 170mm, 32 x 10 material	13mm dia x 5 Links per Set
	Does Not Suit Series 48	Does Not Suit Series 48	
			
P/N 144001	P/N 190255		
1 <sup>st</sup> – 4 <sup>th</sup> Rank Bolt	5 <sup>th</sup> Rank Bolt		
\$ 27.50 ex      \$ 30.25 inc	\$ 27.00 ex      \$ 29.70 inc		
1.21 kg	1.2 kg		
5/8" x 28 1/2" c/w 2 Nuts	5/8" x 28" c/w 2 Nuts		

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### SERIES 48 JUMBO CULTIVATION HARROW SYSTEM (2 Point Pull) (Category C)

**SERIES 48 MODEL 48500** Section only price \$ 650 RSP, \$ 715.00 RRP each.

**Specifications:**

- Weight 54kg (120lb).
- Coverage 0.86M (2' 10").
- Tine Spacing 44mm (1 3/4").
- Tine length 248mm (9 3/4") approx.
- Centre to centre of Front Hooks 444mm (17 1/2").
- 5 Ranks / 20 Tines.

**Features:** 2 Point Pull (2PP) - 2 front connectors included. "Wrap Around" Tine design. "Cut" Tine ends. Manufactured from 40 x 10mm carbon steel.



Series 48 Model 48500 Jumbo Cultivation Harrow section shown

**DRAG TYPE  
COMPLETE SETS**

DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT
2 sections with bar	1.72M (5'8")	\$ 1,760	\$ 1,936.00	132kg
3 " " "	2.59M (8'6")	2,651	2,916.10	197kg
4 " " "	3.45M (11'4")	3,627	3,989.70	262kg
5 " " "	4.31M (14'2")	4,613	5,074.30	330kg
6 " " "	5.18M (17')	5,534	6,087.40	404kg

**DRAWBARS ONLY**

MODEL	RSP	RRP	WEIGHT
48702	\$ 460	\$ 506.00	24kg
48703	701	771.10	35kg
48704	1,027	1,129.70	46kg
48705	1,363	1,499.30	60kg
48706	1,634	1,797.40	80kg

**SUMMARY OF SERIES 48 SERVICE PARTS**

	
P/N 148507	P/N 122207
Weld On Tip for Tine - Cut	Drawbar Link Set
\$ 12.70 ex      \$ 13.97 inc	\$ 20.90 ex      \$ 22.99 inc
0.47 kg	0.8 kg
Overall length 170mm, 40 x 10 material	13mm dia x 5 Links per Set

For "long bolts" refer to Series 44 Service Parts. ( Page 10 )

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### SERIES 38 3-POINT LINKAGE FOLDING WING HARROW FRAME

A manually operated folding wing Harrow frame designed for 3-Point Linkage systems, category I or II.

**Features:** Supplied complete with centre frame, two wing attachments, rings and connectors to suit the particular Harrow type and size specified. Note: 3-Point Linkage pins **not** supplied.



Series 38 Model 38009, 3 Point Linkage Folding Wing Harrow Frame shown – Open & Closed

#### FRAME ONLY

MODEL	DESCRIPTION	COVERAGE	TRANSPORT WIDTH	RSP	RRP	WEIGHT
38001	4 section S08 Stump Jump	3.5M (11'4")	2.1M (6'10")	\$ 4,463	\$ 4,909.30	120kg
38005	5 " S08 " "	4.3M (14'2")	2.9M (9'8")	4,836	5,319.60	150kg
38009	6 " S08 " "	5.1M (17')	3.6M (11'8")	5,487	6,035.70	180kg
38002	4 " S04 Diamond	4.1M (13'4")	2.4M (7'10")	4,221	4,643.10	125kg
38006	5 " S04 "	5.1M (16'8")	3.4M (11'2")	4,762	5,238.20	147kg

**Market Note:** Prices stated do NOT include Harrow sections. When calculating freight charges on this product, please take care as space (M<sup>3</sup>) exceeds weight.

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### SERIES 04 DIAMOND HARROW SYSTEM (Category C)

**SERIES 04 MODEL 4020** Section only price \$ 459 RSP, \$ 504.90 RRP each

**Specifications:**

- Weight 30kg (66lb).
- Coverage 1.016M (3'4").
- Tine Spacing 51mm (2").
- Tine Length 152mm (6") approx
- Centre to centre of Front Hooks 508mm (20").
- 5 Rank / 20 Tines.
- Tapered Tines with working depth between 50 – 80mm (2" – 3")

**Features:** 2 Point Pull (2PP). Replaceable 'bolt-in' 16mm square section High Carbon Steel tapered tines. Manufactured from flat bar material.



Series 04 Model 4020 Diamond Harrow Section shown

**DRAG TYPE**

**COMPLETE SETS WITH STANDARD DRAWBAR**

**DRAWBAR ONLY**

DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
2 sections with bar	2.03M (6'8")	\$ 1,121	\$ 1,233.10	70kg	4021	\$ 203	\$ 223.30	10kg
3 " " "	3.04M (10')	1,659	1,824.90	108kg	4022	282	310.20	18kg
4 " " "	4.06M (13'4")	2,229	2,451.90	146kg	4023	393	432.30	26kg
5 " " "	5.08M (16'8")	2,913	3,204.30	192kg	4024	618	679.80	42kg
6 " " "	6.09M (20')	3,743	4,117.30	240kg	4025	989	1,087.90	60kg
6 sections with 2 pce bars & master bar	6.09M (20')	3,960	4,356.00	252kg	4035	1,206	1,326.60	72kg
8 " " " "	8.12M (26'8")	5,220	5,742.00	356kg	4036	1,548	1,702.80	116kg
10 " " " "	10.16M (33'4")	6,681	7,349.10	430kg	4037	2,091	2,300.10	130kg

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**



## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SUMMARY OF SERIES 04 SERVICE PARTS

			
P/N 104014	P/N 104009	P/N 104017	P/N 104006
Diamond Tine 5/8" thread	Diamond Tine 5/8" thread	Diamond Tine 1/2" thread	Front Rail
\$ 13.90 ex    \$ 15.29 inc	\$ 13.30 ex    \$ 14.63 inc	\$ 14.40 ex    \$ 15.84 inc	\$ 25.70 ex    \$ 28.27 inc
0.34 kg	0.29 kg	0.3 kg	1.8 kg
c/w 5/8" Nut & Washer	without Nut & Washer	Non Std c/w 1/2" Nut & Washer	1 <sup>st</sup> Rank Only
			
P/N 102028	P/N 104008	P/N 190204	P/N 122016
Hook, weld on	Front Hook Only	Bolt & Nut to suit Front Hook	Drawbar Ring Set
\$ 3.90 ex    \$ 4.29 inc	\$ 22.70 ex    \$ 24.97 inc	\$ 1.40 ex    \$ 1.54 inc	\$ 10.00 ex    \$ 11.00 inc
0.12 kg	0.7 kg	0.05 kg	0.31kg
Rear lift		3/8" x 1"	12mm x 2 Rings per Set
			
P/N 122002			
Drawbar Anchor Only 16mm			
\$ 3.20 ex    \$ 3.52 inc			
0.14 kg			
16mm dia Steel			

Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST.    Ex. Warehouse Dandenong, Victoria

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 04 DIAMOND HARROW SYSTEM (Category C)

#### 3-POINT LINKAGE HOIST LIFT TYPE SETS Featuring Series 21 Hoist Frame

MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT
4029*	2 section	2.03M (6'8")	\$ 2,077	\$ 2,284.70	118kg
4030	3 "	3.04M (10')	2,805	3,085.50	164kg
4031	4 "	4.06M (13'4")	3,466	3,812.60	206kg
4005**	5 "	5.08M (16'8")	4,401	4,841.10	268kg

\* Model No. 4029 2 section set – Rear Lift connectors supplied in lieu of Rear Lift Drawbar.

\*\* Features Model 21003 Hoist Frame

#### COMPONENTS ONLY

4003	Diamond Section only – <b>Lift Type</b>		\$ 468	\$ 514.80	30kg
21002	Series 21 Hoist Frame only		847	931.70	45kg
21003**	Series 21 Hoist Frame only (Non std - reinforced) For 5 section set		982	1,080.20	50kg
4045	2 Section Rear Lift Connector assembly		76	83.60	2kg

#### FRONT LIFT DRAWBAR ONLY

#### REAR LIFT DRAWBAR ONLY

MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
4044	2 section	2.03M (6'8")	\$ 218	\$ 239.80	11kg				
4042	3 "	3.04M (10')	297	326.70	18kg	4032	\$ 257	\$ 282.70	11kg
4043	4 "	4.06M (13'4")	409	449.90	26kg	4033	338	371.80	15kg
4006	5 "	5.08M (16'8")	638	701.80	43kg	4007	441	485.10	25kg

COMPLETE SET COMPRISES – Front Lift Drawbar, Harrow sections, Rear Lift Drawbar and Series 21 3-Point Linkage Hoist Frame.

**Market Note:** Regarding Series 21 Hoist Frame, when calculating freight charges for the Series 21 Hoist Frame, please take care as space (M<sup>3</sup>) will exceed weight.

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 03 LEVELLING HARROW SYSTEMS (Category L) – 3 RANK “Cut” Tine

#### SERIES 03 HARROW SECTIONS ONLY 3 RANK DEEP

##### Specifications:

- Tine Spacing 76mm (3”).
- Tine Length 190mm (7 1/2”) approx.
- Centre to centre of Front Hooks 235mm (9 1/4”).

**Features:** High Carbon Cut Tines. “Light” models manufactured from 25 × 6mm carbon steel and “Heavy” models from 32 × 6mm.

<b>9 Tine (3 × 3 Rank Deep)</b>		<b>Coverage 0.7M (2' 3 1/2")</b>		<b>WELDED – NON STD</b>			
Model 3020 (STD)	Light	7kg (15lb)	\$ 145 RSP	\$ 159.50 RRP	3087	\$ 163 RSP	\$ 179.30 RRP
Model 3022 (STD)	Heavy	9kg (20lb)	186	204.60	3088	206	226.60
<b>12 Tine (4 × 3 Rank Deep)</b>		<b>Coverage 0.93M (3' 3/4")</b>					
Model 3021 (STD)	Light	10kg (22lb)	\$ 189	\$ 207.90	3089	\$ 211	\$ 232.10
Model 3023 (STD)	Heavy	14kg (31lb)	240	264.00	3090	262	288.20



Series 03 Model 3022 Levelling Harrow Section shown

#### COMPLETE SETS WITH STD 3 RANK HARROW SECTIONS AND STD DRAWBARS

SET COVERAGE	COMPRISING	LIGHT			HEAVY		
		RSP	RRP	WEIGHT	RSP	RRP	WEIGHT
2.31M (7'7")	2/9 Tine, 1/12 Tine	\$ 707	\$ 777.70	31kg	\$ 840	\$ 924.00	39kg
2.56M (8'5")	1/9 " 2/12 "	770	847.00	35kg	913	1,004.30	45kg
2.79M (9'2")	4/9 " — "	845	929.50	38kg	1,009	1,109.90	46kg
3.02M (9'11")	3/9 " 1/12 "	908	998.80	42kg	1,082	1,190.20	52kg
3.25M (10'8")	2/9 " 2/12 "	967	1,063.70	46kg	1,151	1,266.10	58kg
3.47M (11'5") (16 Row)	1/9 " 3/12 "	1,035	1,138.50	50kg	1,229	1,351.90	64kg
3.70M (12'2")	4/9 " 1/12 "	1,136	1,249.60	52kg	1,351	1,486.10	64kg
3.96M (13')	3/9 " 2/12 "	1,202	1,322.20	61kg	1,427	1,569.70	75kg
4.19M (13'9") (20 Row)	2/9 " 3/12 "	1,268	1,394.80	65kg	1,503	1,653.30	81kg
4.41M (14'6")	5/9 " 1/12 "	1,359	1,494.90	68kg	1,615	1,776.50	82kg
4.64M (15'3")	4/9 " 2/12 "	1,429	1,571.90	72kg	1,695	1,864.50	88kg
4.87M (16') (24 Row)	3/9 " 3/12 "	1,492	1,641.20	76kg	1,768	1,944.80	94kg
5.13M (16'10")	2/9 " 4/12 "	1,627	1,789.70	82kg	1,913	2,104.30	102kg
5.58M (18'4") (28 Row)	— 6/12 "	1,732	1,905.20	90kg	2,038	2,241.80	114kg

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST.**

**Ex. Warehouse Dandenong, Victoria**

**MURRAY AGRICULTURAL EQUIPMENT**

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

**SERIES 03 LEVELLING HARROW SYSTEMS (Category L) – 4 RANK “Cut” Tine**

**HARROW SECTIONS ONLY 4 RANK DEEP**

<b>12 Tine (3 × 4 Rank Deep)</b>				<b>Coverage 0.7M (2' 3 1/2")</b>		<b>WELDED – NON STD</b>				
Model 3095 (STD)	Light	10kg (22lb)	\$ 184 RSP	\$ 202.40 RRP	3099	\$ 204 RSP	\$ 224.40 RRP			
Model 3096 (STD)	Heavy	14kg (31lb)	244	268.40	3100	262	288.20			
<b>16 Tine (4 × 4 Rank Deep)</b>				<b>Coverage 0.93M (3' 3/4")</b>						
Model 3097 (STD)	Light	13kg (28lb)	\$ 237	\$ 260.70	3101	\$ 260	\$ 286.00			
Model 3098 (STD)	Heavy	17kg (37lb)	320	352.00	3102	343	377.30			



Series 03 Model 3098 Levelling Harrow Section shown

**COMPLETE SETS WITH STD 4 RANK HARROW SECTIONS AND STD DRAWBAR**

SET COVERAGE	COMPRISING	LIGHT		WEIGHT	HEAVY		WEIGHT
		RSP	RRP		RSP	RRP	
2.31M (7'7")	2/12 Tine, 1/16 Tine	\$ 833	\$ 916.30	40kg	\$ 1,036	\$ 1,139.60	52kg
2.56M (8'5")	1/12 " 2/16 "	905	995.50	44kg	1,131	1,244.10	56kg
2.79M (9'2")	4/12 " — "	1,001	1,101.10	50kg	1,241	1,365.10	66kg
3.02M (9'11")	3/12 " 1/16 "	1,073	1,180.30	54kg	1,336	1,469.60	70kg
3.25M (10'8")	2/12 " 2/16 "	1,141	1,255.10	58kg	1,427	1,569.70	74kg
3.47M (11'5")(16Row)	1/12 " 3/16 "	1,218	1,339.80	62kg	1,527	1,679.70	78kg
3.70M (12'2")	4/12 " 1/16 "	1,340	1,474.00	67kg	1,663	1,829.30	87kg
3.96M (13')	3/12 " 2/16 "	1,415	1,556.50	76kg	1,761	1,937.10	96kg
4.19M (13'9")(20Row)	2/12 " 3/16 "	1,490	1,639.00	80kg	1,859	2,044.90	100kg
4.41M (14'6")	5/12 " 1/16 "	1,602	1,762.20	86kg	1,985	2,183.50	110kg
4.64M (15'3")	4/12 " 2/16 "	1,681	1,849.10	90kg	2,087	2,295.70	114kg
4.87M (16') (24 Row)	3/12 " 3/16 "	1,753	1,928.30	94kg	2,182	2,400.20	118kg
5.13M (16'10")	2/12 " 4/16 "	1,897	2,086.70	100kg	2,349	2,583.90	124kg
5.58M (18'4")(28Row)	— 6/16 "	2,020	2,222.00	108kg	2,518	2,769.80	132kg

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

**MURRAY AGRICULTURAL EQUIPMENT**

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

**SERIES 03 LEVELLING HARROW SYSTEMS (Category L) – 5 RANK “Cut” Tine**

**HARROW SECTIONS ONLY 5 RANK DEEP**

<b>15 Tine (3 × 5 Rank Deep)</b>	<b>Coverage 0.7M (2' 3 1/2")</b>				<b>WELDED – NON STD</b>				
Model 3024 (STD) Light	13kg (28lb)	\$ 223 RSP	\$ 245.30 RRP		3091	\$ 244 RSP	\$ 268.40 RRP		
Model 3026 (STD) Heavy	16kg (35lb)	295	324.50		3092	316	347.60		
<b>20 Tine (4 × 5 Rank Deep)</b>	<b>Coverage 0.93M (3' 3/4")</b>								
Model 3025 (STD) Light	17kg (37lb)	\$ 292	\$ 321.20		3093	\$ 312	\$ 343.20		
Model 3027 (STD) Heavy	23kg (51lb)	382	420.20		3094	403	443.30		



Series 03 Model 3026 Levelling Harrow Section shown

**COMPLETE SETS WITH STD 5 RANK HARROW SECTIONS AND STD DRAWBAR**

SET COVERAGE	COMPRISING	LIGHT			HEAVY		
		RSP	RRP	WEIGHT	RSP	RRP	WEIGHT
2.31M (7'7")	2/15 Tine, 1/20 Tine	\$ 966	\$ 1,062.60	50kg	\$ 1,200	\$ 1,320.00	62kg
2.56M (8'5")	1/15 " 2/20 "	1,054	1,159.40	55kg	1,306	1,436.60	70kg
2.79M (9'2")	4/15 " — "	1,157	1,272.70	62kg	1,445	1,589.50	74kg
3.02M (9'11")	3/15 " 1/20 "	1,245	1,369.50	67kg	1,551	1,706.10	82kg
3.25M (10'8")	2/15 " 2/20 "	1,329	1,461.90	72kg	1,653	1,818.30	90kg
3.47M (11'5") (16 Row)	1/15 " 3/20 "	1,422	1,564.20	77kg	1,764	1,940.40	98kg
3.70M (12'2")	4/15 " 1/20 "	1,551	1,706.10	83kg	1,929	2,121.90	101kg
3.96M (13')	3/15 " 2/20 "	1,642	1,806.20	93kg	2,038	2,241.80	114kg
4.19M (13'9") (20 Row)	2/15 " 3/20 "	1,733	1,906.30	98kg	2,147	2,361.70	122kg
4.41M (14'6")	5/15 " 1/20 "	1,852	2,037.20	105kg	2,302	2,532.20	126kg
4.64M (15'3")	4/15 " 2/20 "	1,947	2,141.70	110kg	2,415	2,656.50	134kg
4.87M (16') (24 Row)	3/15 " 3/20 "	2,035	2,238.50	115kg	2,521	2,773.10	142kg
5.13M (16'10")	2/15 " 4/20 "	2,195	2,414.50	122kg	2,699	2,968.90	152kg
5.58M (18'4") (28 Row)	— 6/20 "	2,350	2,585.00	132kg	2,890	3,179.00	168kg

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

**MURRAY AGRICULTURAL EQUIPMENT**





The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

**SERIES 03 LEVELLING HARROW SYSTEMS (Category L) – “Cut” Tine**

**STANDARD DRAWBARS ONLY**

MODEL	COVERAGE	BAR ANCHORS	RSP	RRP	WEIGHT	MODEL	COVERAGE	BAR ANCHORS	RSP	RRP	WEIGHT
3028	7' 7"	10	\$ 228	\$ 250.80	7kg	3035	13'	17	\$ 389	\$ 427.90	20kg
3029	8' 5"	11	247	271.70	8kg	3036	13' 9" 20 R	18	411	452.10	21kg
3030	9' 2"	12	265	291.50	10kg	3037	14' 6"	19	445	489.50	23kg
3031	9' 11"	13	284	312.40	11kg	3038	15' 3"	20	471	518.10	24kg
3032	10' 8"	14	299	328.90	12kg	3039	16' 24 Row	21	490	539.00	25kg
3033	11' 5" 16 R	15	323	355.30	13kg	3042	16' 10"	22	581	639.10	28kg
3034	12' 2"	16	367	403.70	14kg	3040	18' 4" 28 R	24	598	657.80	30kg









**SUMMARY OF SERIES 03 SERVICE PARTS**

			
P/N 103001	P/N 103002	P/N 103003	P/N 103004
Light, 1 <sup>st</sup> Rank Tine & Coupling Assembly	Light, 2 <sup>nd</sup> & 4 <sup>th</sup> Rank Tine Only	Light, 3 <sup>rd</sup> & 5 <sup>th</sup> Rank Tine Only	Light, 1 <sup>st</sup> – 4 <sup>th</sup> Rank Spacer Only
\$ 14.60 ex      \$ 16.06 inc	\$ 9.20 ex      \$ 10.12 inc	\$ 9.60 ex      \$ 10.56 inc	\$ 3.60 ex      \$ 3.96 inc
0.6 kg	0.55 kg	0.62 kg	0.13 kg
			Pipe Spacer

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT






The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

			
P/N 103005	P/N 103006	P/N 190250	P/N 190251
Light, 5 <sup>th</sup> Rank Spacer Only	Light, Front Coupling Only	Light, Bolt (3 tines wide)	Light, Bolt (4 tines wide)
\$ 3.80 ex      \$ 4.18 inc	\$ 6.50 ex      \$ 7.15 inc	\$ 12.10 ex      \$ 13.31 inc	\$ 14.60 ex      \$ 16.06 inc
0.15 kg	0.2 kg	0.3 kg	0.47 kg
Pipe Spacer	10 mm diameter steel	3/8" x 20" c/w 2 Nuts	3/8" x 29 1/4" c/w 2 Nuts
			
P/N 103008	P/N 103009	P/N 103010	P/N 103011
Heavy, 1 <sup>st</sup> Rank Tine & Coupling Assembly	Heavy, 2 <sup>nd</sup> & 4 <sup>th</sup> Rank Tine Only	Heavy, 3 <sup>rd</sup> & 5 <sup>th</sup> Rank Tine Only	Heavy, 1 <sup>st</sup> – 4 <sup>th</sup> Rank Spacer Only
\$ 17.40 ex      \$ 19.14 inc	\$ 11.30 ex      \$ 12.43 inc	\$ 11.90 ex      \$ 13.09 inc	\$ 5.00 ex      \$ 5.50 inc
0.75 kg	0.7 kg	0.8 kg	0.27 kg
			Pipe Spacer

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## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

			
P/N 103012	P/N 103013	P/N 190252	P/N 190253
Heavy, 5 <sup>th</sup> Rank Spacer Only	Heavy, Front Coupling Only	Heavy, Bolt (3 tines wide)	Heavy, Bolt (4 tines wide)
\$ 5.30 ex      \$ 5.83 inc	\$ 7.40 ex      \$ 8.14 inc	\$ 18.20 ex      \$ 20.02 inc	\$ 20.70 ex      \$ 22.77 inc
0.3 kg	0.26 kg	0.52 kg	0.7 kg
Pipe Spacer	12 mm diameter steel	½" x 20 ¼" c/w 2 Nuts (Suits 3 Row Wide Section)	½" x 29 ½" c/w 2 Nuts (Suits 4 Row Wide Section)
			
P/N 122003			
Drawbar Anchor only 12mm			
\$ 2.70 ex      \$ 2.97 inc			
0.1 kg			
12 mm diameter steel			

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST.      Ex. Warehouse Dandenong, Victoria**



## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 35 FORGED TINE LEVELLING HARROW SYSTEM (Category L) “EXTRA HEAVY” HARROW SECTIONS ONLY 3, 4 & 5 RANK DEEP

**Specifications:**

- Tine Spacing 76mm (3")
- Tine length 190mm (7 1/2") approx.
- Centre to Centre of Front Hooks 235mm (9 3/4")

**Features:** “Forged” Tine ends. Manufactured from 25 × 10mm carbon steel.

**3 RANK DEEP HARROW SECTIONS**

(May be used with seeding combines, air seeders etc.)

<b>9 Tine (3 × 3 Rank Deep)</b>	Coverage 0.7M (2' 3 1/2")	RSP	RRP
Model 35001	11.6kg (25lb)	\$ 214	\$ 235.40
<b>12 Tine (4 × 3 Rank Deep)</b>	Coverage 0.93M (3' 3/4")		
Model 35002	15.6kg (34lb)	\$ 282	\$ 310.20



Series 35 Model 35002 3 Rank Forged Tine Levelling Harrow shown

**4 RANK DEEP HARROW SECTIONS**

<b>12 Tine (3 × 4 Rank Deep)</b>	Coverage 0.7M (2' 3 1/2")	RSP	RRP
Model 35003	15.6kg (34lb)	\$ 282	\$ 310.20
<b>16 Tine (4 × 4 Rank Deep)</b>	Coverage 0.93M (3' 3/4")		
Model 35004	21kg (46lb)	\$ 361	\$ 397.10



Series 35 Model 35003 4 Rank Forged Tine Levelling Harrow shown

**5 RANK DEEP HARROW SECTIONS**

(May be used with cultivators, scarifiers etc.)

<b>15 Tine (3 × 5 Rank Deep)</b>	Coverage 0.7M (2' 3 1/2")	RSP	RRP
Model 35005	19.5kg (43lb)	\$ 328	\$ 360.80
<b>20 Tine (4 × 5 Rank Deep)</b>	Coverage 0.93M (3' 3/4")		
Model 35006	26.5kg (58lb)	\$ 434	\$ 477.40





Series 35 Model 35006 5 Rank Forged Tine Levelling Harrow shown

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SUMMARY OF SERIES 35 SERVICE PARTS

			
P/N 190307		P/N 190308	
Bolt (3 tines wide)		Bolt (4 tines wide)	
\$ 18.40 ex	\$ 20.24 inc	\$ 21.20 ex	\$ 23.32 inc
0.53 kg		0.71 kg	
1/2" x 20 1/2" c/w 2 Nuts		1/2" x 29 3/4" c/w 2 Nuts	
(Suits 3 Row Wide Section)		(Suits 4 Row Wide Section)	

### HEAVY DUTY DRAWBARS ONLY (NON STD ORDER) (Refer to page 19 for Standard Drawbars)

MODEL	COVERAGE	BAR ANCHORS	RSP	RRP	WEIGHT	MODEL	COVERAGE	BAR ANCHORS	RSP	RRP	WEIGHT
3074	7' 7"	10	\$ 267	\$ 293.70	9kg	3081	13'	17	\$ 483	\$ 531.30	27kg
3075	8' 5"	11	292	321.20	10kg	3082	13' 9" 20 R	18	509	559.90	29kg
3076	9' 2"	12	304	334.40	13kg	3083	14' 6"	19	571	628.10	31kg
3077	9' 11"	13	323	355.30	14kg	3084	15' 3"	20	598	657.80	33kg
3078	10' 8"	14	349	383.90	15kg	3085	16' 24 ROW	21	625	687.50	34kg
3079	11' 5" 16 R	15	376	413.60	17kg	3073	16' 10"	22	686	754.60	36kg
3080	12' 2"	16	456	501.60	21kg	3086	18' 4" 28 R	24	743	817.30	40kg

*For information and prices on Standard Drawbars, please refer to page 19.*

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 06 SPRING TINE HARROW SYSTEMS – MEDIUM DUTY 3 & 4 RANK (Category L) “KINKED” TINES (STD) & 9 1/4” (235mm) RANK SPACING

**Specifications:**

- Tine spacing for 3 Rank Models 75mm (3”), 4 Rank Models 56mm (2 1/4”) approx.
- Tine Diameter 10mm Kinked or Straight Tine (Optional)
- Tine length 450mm (17 3/4”) approx
- Rank Spacing 235mm (9 1/4”) 3 & 4 Rank.
- Standard mount clamp suits 75mm to 100mm (3” to 4”) square frames positioned on the flat.
- One Mount Arm per unit , except for 2.28M (7’6”) models which have 2 mount arms. Other Mount Arm options are located on page 28.

**Features:** “Kinked” design Tines as standard. – “Straight” design Tines optional (refer to page 25 for details). This Harrow is designed to fit on to the rear bar of scarifiers, chisel plows, cultivators etc. Adjustable Tine angle.

**Market Note:** When placing an order or enquiring about a Spring Tine Harrow please state the size of the rear bar of the machine that the Harrow is intended to be fitted to. When calculating freight charges on this Harrow and service part Tines, please take care as space (M<sup>3</sup>) exceeds weight.

3 RANK MODELS – COMPLETE UNIT

MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
6002	1.37M (4’6”)	\$ 1,264	\$ 1,390.40	64.5kg	6008	\$ 800	\$ 880.00	37kg
6001	1.83M (6’)	1,468	1,614.80	77.5kg	6003	1,004	1,104.40	50kg
6015	2.28M (7’6”) 2 arms	2,384	2,622.40	121 kg	6014	1,456	1,601.60	66kg

TINE SECTION ONLY



Series 06 Model 6001 3 Rank Spring Tine shown

4 RANK MODELS – COMPLETE UNIT

MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
6019	1.37M (4’6”)	\$ 1,686	\$ 1,854.60	76.5kg	6016	\$1,222	\$ 1,344.20	49kg
6020	1.83M (6’)	1,987	2,185.70	94.5kg	6017	1,523	1,675.30	67kg
6021	2.28M (7’6”) 2 arms	2,975	3,272.50	143 kg	6018	2,047	2,251.70	88kg

TINE SECTION ONLY



Series 06 Model 6019 4 Rank Spring Tine shown

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 06 SPRING TINE HARROW SYSTEMS – MEDIUM DUTY 3 & 4 RANK (Category L) “STRAIGHT” TINES (OPTIONAL) & 9 1/4” (235mm) RANK SPACING.

*Please refer to page 24 for Series 06 Harrows with “Kinked” Tines. Page 24 also outlines the features of this Harrow.*

**Market Note:** When placing an order or enquiring about a Spring Tine Harrow please state the size of the rear bar of the machine that the Harrow is intended to be fitted to. When calculating freight charges on this Harrow and service part Tines, please take care as space (M<sup>3</sup>) exceeds weight.

#### 3 RANK MODELS – COMPLETE UNIT

MODEL	COVERAGE	RSP	RRP	WEIGHT
6023	1.37M (4'6")	\$ 1,264	\$ 1,390.40	64.5kg
6024	1.83M (6')	1,468	1,614.80	77.5kg
6025	2.28M (7'6") 2 arms	2,384	2,622.40	121 kg

#### TINE SECTION ONLY

MODEL	RSP	RRP	WEIGHT
6027	\$ 800	\$ 880.00	37kg
6028	1,004	1,104.40	50kg
6029	1,456	1,601.60	66kg

#### 4 RANK MODELS – COMPLETE UNIT

MODEL	COVERAGE	RSP	RRP	WEIGHT
6030	1.37M (4'6")	\$ 1,686	\$ 1,854.60	76.5kg
6031	1.83M (6')	1,987	2,185.70	94.5kg
6032	2.28M (7'6") 2 arms	2,975	3,272.50	143 kg

#### TINE SECTION ONLY

MODEL	RSP	RRP	WEIGHT
6033	\$ 1,222	\$ 1,344.20	49kg
6034	1,523	1,675.30	67kg
6035	2,047	2,251.70	88kg

**Market Note:**

One Mount Arm supplied with each Harrow Unit except for 2.28M (7'6") Unit where two Mount Arms are supplied - Model No. 6004 \$464 RSP, \$510.40 RRP each, Weight 27.5kg ea

Optional Mount Arm with clamp to suit 75mm square frame **positioned on the edge** - Model No. 6047 \$554 RSP, \$609.40 RRP each, Weight 29.5kg.

Optional Mount Arm with clamp to suit centre frame of an “Alfarm A530” cultivator (75mm [3"] across x 150mm [6"] down) - Model No. 6051 \$511 RSP, \$562.10 RRP each, Weight 29.5kg.

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SUMMARY OF SERIES 06 SERVICE PARTS

			
P/N 106066	P/N 106090	P/N 106022	P/N 106020
S06 Spring Tine Only 10mm	S06 Spring Tine Only 10mm	Special Head Bolt 3/8" x 2 1/8"	Tine Pipe "U" Bolt 3/8"
\$ 37.60 ex      \$ 41.36 inc	\$ 37.20 ex      \$ 40.92 inc	\$ 2.50 ex      \$ 2.75 inc	\$ 6.50 ex      \$ 7.15 inc
1.4 kg	1.4 kg	0.06 kg	0.1 kg
Kinked Design, 10mm dia	Straight Design, 10mm dia	c/w 3/8" Nut & Spring Washer	c/w 4 Nuts & 2 Spring Washers
			
P/N 106021			
Rear Mount Arm "U" Bolt 1/2"			
\$ 8.20 ex      \$ 9.02 inc			
0.27 kg			
c/w 2 Nuts & 2 Spring Washers			

Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST.      Ex. Warehouse Dandenong, Victoria

**MURRAY AGRICULTURAL EQUIPMENT**

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

**SERIES 06 SPRING TINE HARROW SYSTEM – MEDIUM DUTY 3 RANK (Category L) -  
“STRAIGHT” TINES (OPTIONAL) & 14” (355mm) EXTRA WIDE RANK SPACING.**

**Specifications:**

- Tine Spacing 75mm (3”) 3 Rank.
- Tine Diameter 10mm Straight Tine.
- Tine Length 450mm (17 3/4”) approx.
- Rank Spacing 355mm (14”) – Extra wide.
- One Mount Arm supplied with each Harrow Unit except for 2.28M (7’6”) Unit where two Mount Arms per Unit are supplied.

**Features:** 14” (355mm) Extra Wide Rank spacing with Straight Tines. Adjustable Tine angle.

**Market Note:** When placing an order or enquiring about a Spring Tine Harrow please state the size of the rear bar of the machine that the Harrow is intended to be fitted to. When calculating freight charges on this Harrow and service part Tines, please take care as space (M<sup>3</sup>) exceeds weight.

3 RANK MODELS – COMPLETE UNIT

TINE SECTION ONLY

MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
6059	1.37M (4’6”)	\$ 1,418	\$ 1,559.80	68.5kg	6056	\$ 954	\$ 1,049.40	41kg
6060	1.83M (6’)	1,620	1,782.00	81.5kg	6057	1,156	1,271.60	54kg
6061	2.28M(7’6”) 2 arms	2,539	2,792.90	125 kg	6058	1,611	1,772.10	70kg

**Market Note:** One Mount Arm supplied with each Harrow Unit except for 2.28M (7’6”) Unit where two Mount Arms per Unit are supplied - Model No. 6004 \$464 RSP, \$510.40 RRP each, Weight 27.5kg each.

For optional Mount Arms please refer below (Page 28).

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### MOUNT ARM OPTIONS

MODEL NO.	DESCRIPTION	RSP	RRP	WEIGHT
6004	Standard Mount Arm to suit 75mm to 100mm (3" to 4") square frames <b>positioned on the flat</b> . Supplied with complete Units as standard unless another type of Mount Arm is specified.	\$ 464	\$ 510.40	27.5kg
6047	Mount Arm to suit a 75mm (3") square frame <b>positioned on the edge</b> .	554	609.40	29.5kg
6051	Mount Arm to suit the centre frame of an "Alfarm A530" cultivator. (75mm [3"] across × 150mm [6"] down)	511	562.10	29.5kg
6055	Mount Arm to suit some Gason applications. (100mm [4"] across × 150mm [6"] down)	511	562.10	29.5kg

*All product names or brand names mentioned are or may be trademarks or registered trademarks of their respective owners.*

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 30 MOUNTED SPRING TINE HARROW SYSTEM – LIGHT DUTY 2 RANK (Category L) “STRAIGHT” TINES

#### Specifications

- Tine spacing 85mm (3 3/8”) 2 Rank.
- Tine Diameter 10mm Straight Tine.
- Tine length 385mm (15”) approx.
- Rank Spacing 324mm (12 3/4”).
- 2 Mount Arms per unit.
- Mount clamp suits 81mm to 100mm (3 1/4” to 4”) square frame positioned on the flat **or** on the edge (Spacers required for 75mm [3”] square frame).

**Features:** May be attached to the rear bar of light duty cultivators, seeding drills, etc. Unit features two Series 30 Mount Arms. A cam incorporated in the mount clamp adjusts the height of the Harrow Tine Section.

**Market Note:** When placing an order for or enquiring about a Spring Tine Harrow please state the size of the rear bar of the machine that the Harrow is intended to be fitted to. When calculating freight charges on this Harrow and service part Tines, please take care as space (M<sup>3</sup>) generally exceeds weight.



Series 30 Model 30008 3.20m (10'6") 2 Rank Spring Tine shown

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**



## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.





### 2 RANK MODEL - COMPLETE UNIT

### TINE SECTION ONLY

MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT	NO. OF TINES (PAIRS)
30005	1.78M (5'10")	\$ 1,438	\$ 1,581.80	56kg	30001	\$ 758	\$ 833.80	30kg	10
30006	2.13M (7')	1,540	1,694.00	62kg	30002	860	946.00	36kg	12
30011	2.48M (8'2")	1,722	1,894.20	68kg	30010	1,042	1,146.20	42kg	14
30007	2.84M (9'4")	1,913	2,104.30	76kg	30003	1,233	1,356.30	50kg	16
30008	3.20M (10'6")	1,998	2,197.80	80kg	30004	1,318	1,449.80	54kg	18
30009	S30 Mount Arm only	\$ 340	\$ 374.00	13kg					

**Market Note:** Two Series 30 Mount Arms required for each Tine section / unit.

### SUMMARY OF SERIES 30 SERVICE PARTS

			
P/N 130024	P/N 106022	P/N 130018	P/N 130002
S30 Spring Tine Only 10mm	Special Head Bolt 3/8" x 2 1/8"	S30 Tine Pipe "U" Bolt	Tine Pipe Connector Only
\$ 39.30 ex      \$ 43.23 inc	\$ 2.50 ex      \$ 2.75 inc	\$ 13.00 ex      \$ 14.30 inc	\$ 59.00 ex      \$ 64.90 inc
1.5 kg	0.06 kg	0.2 kg	2.3 kg
Straight Design, 10mm dia	c/w 3/8" Nut & Spring Washer	c/w 2 Nuts & 2 Spring Washers	No "U" Bolts Supplied

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 37 MOUNTED SPRING TINE HARROW – 3 RANK – HEAVY DUTY 3 RANK (Category L) “KINKED” TINES

A **Heavy Duty** Spring Tine Harrow. Designed to fit onto the rear bar of Scarifiers and Chisel Plows to assist in breaking down ground and seed bed preparation.

#### Specifications:

- Tine spacing 75mm (3”) 3 Rank.
- Tine Diameter 12mm Kinked Tine.
- Tine length 465mm (18 1/4”) approx.
- Rank spacing 305mm (12”).
- 2 Mount Arms per unit.

**Features:** Unit features **two** Mount Arms (Model 37004 with reinforced bolt-on clamp plate). Standard mount clamp suits 75mm to 100mm (3” to 4”) square frames positioned on the flat. Adjustable Tine angle.

**Market Note:** When placing an order for or enquiring about a Spring Tine Harrow please state the size of the rear bar of the machine that the Harrow is intended to be fitted to. When calculating freight charges on this Harrow and service part Tines, please take care as space (M<sup>3</sup>) generally exceeds weight.



Series 37 Model 37011 2.28m (7'6'') 3 Rank Spring Tine shown

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### 3 RANK MODEL - COMPLETE UNIT





### TINE SECTION ONLY

MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
37010	1.83M (6') 2 arms	\$ 3,084	\$ 3,392.40	146kg	37050	\$ 2,126	\$ 2,338.60	90kg
37011	2.28M (7'6") "	3,492	3,841.20	168kg	37051	2,534	2,787.40	112kg

### SERIES 37 MOUNT ARM OPTIONS

PART NO	DESCRIPTION	RSP	RRP	WEIGHT
37004	Series 37 Mount Arm to suit 75mm to 100mm (3" to 4") square frames <b>positioned on the flat</b> . Supplied with complete Units as standard unless another type of Mount Arm is specified.	\$ 479	\$ 526.90	28kg
37047	Series 37 Mount Arm to suit a 75mm (3") square frame <b>positioned on the edge</b> .	569	625.90	30kg

### SUMMARY OF SERIES 37 SERVICE PARTS

			
P/N 137001	P/N 137048	P/N 137047A	P/N 137047
S37 Spring Tine Only 12mm	S37 Special Head Bolt	S37 Tine Pipe Saddle only	S37 Tine Pipe Saddle
\$ 89.90 ex    \$ 98.89 inc	\$ 8.10 ex    \$ 8.91 inc	\$ 18.90 ex    \$ 20.79 inc	\$ 21.00 ex    \$ 23.10 inc
2.9 kg	0.12 kg	0.35 kg	0.5 kg
Kinked Design - Current	1/2" x 82mm c/w nut & washer		c/w nuts, bolts & washers

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 09 CHAIN HARROW SYSTEM (Category L, P)

A multi-purpose “reduced tillage” harrow system which may be useful for spreading organic matter and levelling seedbeds.

**Specifications:**

- Available in 3 depths 0.76m (2'6”), 1.5m (5') and 2.28m (7'6”).
- Centre to Centre of Front Hooks 190mm (7 1/2”).

**Features:** High Carbon 10mm Square Steel.

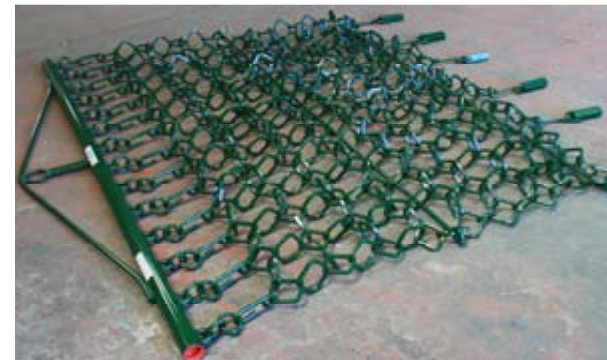
**Market Note:** *Generally, this Harrow is **NOT** effective when used on regular pasture. For Harrows recommended for pasture, refer to Series 20 Pasture and Series 05 Pastureland.*

**IMPORTANT NOTICE;**

This Harrow must **not** be operated at a speed greater than 7km/h (4m/h). Operation at a speed greater than 7km/h (4m/h) will result in premature wear and damage to this Harrow and may void the manufacturer’s product warranty.

**0.76M (2'6”) Deep Mesh Chain (1 Spreader Bar)**

<u>COMPLETE SETS</u>					<u>MESH CHAIN ONLY</u>			
MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
9126	1.52M (5')	\$ 1,008	\$ 1,108.80	49kg	9101	\$ 738	\$ 811.80	38kg
9127	2.44M (8')	1,563	1,719.30	75kg	9102	1,164	1,280.40	58kg
9128	3.04M (10')	1,987	2,185.70	102kg	9103	1,420	1,562.00	75kg
9129	3.65M (12')	2,348	2,582.80	130kg	9104	1,667	1,833.70	96kg
9130	4.57M (15')	3,070	3,377.00	174kg	9105	2,108	2,318.80	110kg
9145	6.09M (20')	3,877	4,264.70	236kg	9142	2,804	3,084.40	146kg



Series 09 Model 9132 2.44M (8') wide, 1.5M (5') Deep Mesh Chain Harrow shown

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### 1.5M (5') Deep Mesh Chain (2 Spreader Bars)

#### COMPLETE SETS

MODEL	COVERAGE	RSP	RRP	WEIGHT
9131	1.52M (5')	\$ 1,475	\$ 1,622.50	89kg
9132	2.44M (8')	2,330	2,563.00	120kg
9133	3.04M (10')	2,931	3,224.10	155kg
9134	3.65M (12')	3,472	3,819.20	194kg
9135	4.57M (15')	4,462	4,908.20	255kg
9146	6.09M (20')	5,739	6,312.90	344kg

#### MESH CHAIN ONLY

MODEL	RSP	RRP	WEIGHT
9106	\$ 1,205	\$ 1,325.50	78kg
9107	1,931	2,124.10	103kg
9108	2,364	2,600.40	128kg
9109	2,791	3,070.10	160kg
9110	3,500	3,850.00	191kg
9143	4,666	5,132.60	254kg

### 2.28M (7'6") Deep Mesh Chain (2 Spreader Bars)

#### COMPLETE SETS

MODEL	COVERAGE	RSP	RRP	WEIGHT
9136	1.52M (5')	\$ 2,055	\$ 2,260.50	129kg
9137	2.44M (8')	3,222	3,544.20	202kg
9138	3.04M (10')	4,021	4,423.10	258kg
9139	3.65M (12')	4,758	5,233.80	292kg
9140	4.57M (15')	6,062	6,668.20	384kg
9147	6.09M (20')	7,874	8,661.40	529kg

#### MESH CHAIN ONLY

MODEL	RSP	RRP	WEIGHT
9111	\$ 1,785	\$ 1,963.50	118kg
9112	2,823	3,105.30	185kg
9113	3,454	3,799.40	231kg
9114	4,077	4,484.70	258kg
9115	5,100	5,610.00	320kg
9144	6,801	7,481.10	439kg

#### DRAWBARS ONLY

MODEL	COVERAGE	RSP	RRP	WEIGHT
9121	1.52M (5')	\$ 270	\$ 297.00	11kg
9122	2.44M (8')	399	438.90	17kg
9123	3.04M (10')	567	623.70	27kg
9124	3.65M (12')	681	749.10	34kg
9125	4.57M (15')	962	1,058.20	64kg
9141	6.09M (20')	1,073	1,180.30	90kg

COMPLETE SET COMPRISES – Front Drag type Drawbar & Mesh Chain section.

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### SERIES 05 PASTURELAND HARROW SYSTEM–LIGHT DUTY (Category P)

A light duty Pastureland Harrow suitable for pasture areas less than 40 to 60 hectares (100 to 150 acres) in total. Ideal for pastures which are in good or reasonable condition.

#### Specifications:

- Spacing Tine 51mm (2").
- Tine Length 85mm (3 11/32") approx.
- Centre to Centre of Front Hooks 305mm (12").
- Available in 2 Chain mesh depths 0.76m (2'6") and 1.5m (5').

**Features:** High Carbon Steel Tines and Square Chain Mesh.



Series 05 Model 5021 2.44m (8') Standard 0.76m (2'6") Deep Mesh Chain Pastureland Harrow shown

#### IMPORTANT NOTICE;

This Harrow must **not** be operated at a speed greater than 7km/h (4m/h). Operation at a speed greater than 7km/h (4m/h) will result in premature wear and damage to this Harrow and may void the manufacturer's product warranty.

#### COMPLETE SETS

#### Standard 0.76M (2'6") Deep Mesh Chain

<u>DRAG TYPE</u>					<u>HOIST LIFT TYPE (Series 21)</u>				
MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT	
5020	1.52M (5')	\$ 1,532	\$ 1,685.20	82kg	5025	(5')	\$ 2,425	\$ 2,667.50	132kg
5006	1.83M (6')	1,850	2,035.00	99kg	5007	(6')	2,743	3,017.30	147kg
5021	2.44M (8')	2,417	2,658.70	129kg	5026	(8')	3,310	3,641.00	179kg
5022	3.04M (10')	3,118	3,429.80	172kg	5027	(10')	4,035	4,483.50	222kg
5023	3.65M (12')	3,827	4,209.70	213kg	5028	(12')	4,744	5,218.40	263kg
5024	4.57M (15')	4,756	5,231.60	269kg	5029	(15')	5,975	6,572.50	332kg
5003	6.09M (20') 1 Piece Bar (2 x 10' Tripods & Chains)	6,421	7,063.10	380kg	N/A	—			

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**



## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### Super 1.5M (5') Deep Mesh Chain

<u>DRAG TYPE</u>					<u>HOIST LIFT TYPE (Series 21)</u>				
MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL		RSP	RRP	WEIGHT
5067	1.52M (5')	\$ 2,019	\$ 2,220.90	123kg	5068	(5')	\$ 2,969	\$ 3,265.90	170kg
5008	1.83M (6')	2,439	2,682.90	133kg	5009	(6')	3,389	3,727.90	185kg
5030	2.44M (8')	3,238	3,561.80	173kg	5034	(8')	4,188	4,606.80	230kg
5031	3.04M (10')	4,148	4,562.80	225kg	5035	(10')	5,175	5,692.50	280kg
5032	3.65M (12')	5,071	5,578.10	292kg	5036	(12')	6,098	6,707.80	347kg
5033	4.57M (15')	6,234	6,857.40	349kg	5037	(15')	7,539	8,292.90	417kg
5004	6.09M (20') 1 Piece Bar (2 x 10' Tripods & Chains)	8,481	9,329.10	490kg	N/A		—		

COMPLETE SET COMPRISES – Front Drawbar, Tine section, Mesh Chain section (and Series 21 3-Point Linkage Hoist Frame and Lift connectors if “Hoist Lift type” specified. Model Numbers 5029 & 5037 also feature a Model Number 5071 Rear Lift / Hoist extension bar.



Series 05 Model 5034 Pastureland 2.44m (8') wide, Super 1.5m (5') Deep Mesh Chain Hoist Lift Type Shown

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

**MURRAY AGRICULTURAL EQUIPMENT**

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

**SERIES 05 PASTURELAND HARROW SYSTEM–LIGHT DUTY(Category P)**

SERIES 05 PASTURELAND COMPONENTS ONLY

TINE (TRIPOD) SECTIONS ONLY

FRONT DRAWBARS ONLY

MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	COVERAGE	RSP	RRP	WEIGHT
5038	1.52M (5')	\$ 678	\$ 745.80	33kg	5043	1.52M (5')	\$ 186	\$ 204.60	11kg
5010	1.83M (6')	823	905.30	41kg	5011	1.83M (6')	238	261.80	13kg
5039	2.44M (8')	1,091	1,200.10	55kg	5044	2.44M (8')	316	347.60	16kg
5040	3.04M (10')	1,372	1,509.20	70kg	5045	3.04M (10')	434	477.40	27kg
5041	3.65M (12')	1,662	1,828.20	83kg	5046	3.65M (12')	534	587.40	34kg
5042	4.57M (15')	2,082	2,290.20	107kg	5047	4.57M (15')	739	812.90	52kg
					5080	6.09M (20')	1,053	1,158.30	90kg
						1 Piece Drawbar			
					5081	Master Bar & 2 single Drawbars for 6.09M (20')	\$1,326	\$1,458.60	107kg
					122044	Optional Drawbar pull chain 1.5M approx long	\$ 63	69.30	2.5kg

CHAIN MESH SECTIONS ONLY - STANDARD 0.76M (2'6") Deep Chain

DRAG TYPE

HOIST LIFT TYPE

MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL	COVERAGE	RSP	RRP	WEIGHT
5049	1.52M (5')	\$ 668	\$ 734.80	38kg	5054	(5')	\$ 714	\$ 785.40	41kg
5012	1.83M (6')	789	867.90	45kg	5013	(6')	835	918.50	48kg
5050	2.44M (8')	1,010	1,111.00	58kg	5055	(8')	1,056	1,161.60	61kg
5051	3.04M (10')	1,312	1,443.20	75kg	5056	(10')	1,382	1,520.20	80kg
5052	3.65M (12')	1,631	1,794.10	96kg	5057	(12')	1,701	1,871.10	101kg
5053	4.57M (15')	1,935	2,128.50	110kg	5058	(15')	2,043	2,247.30	116kg

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST.**

**Ex. Warehouse Dandenong, Victoria**



## MURRAY AGRICULTURAL EQUIPMENT

The 2 types of Prices Quoted are RSP, Subject to GST & RRP, GST inclusive.

### CHAIN MESH SECTIONS ONLY - SUPER 1.5M (5') Deep Chain

<u>DRAG TYPE</u>					<u>HOIST LIFT TYPE</u>				
MODEL	COVERAGE	RSP	RRP	WEIGHT	MODEL		RSP	RRP	WEIGHT
5069	1.52M (5')	\$ 1,155	\$ 1,270.50	69kg	5070	(5')	\$ 1,258	\$ 1,383.80	76kg
5014	1.83M (6')	1,378	1,515.80	79kg	5015	(6')	1,481	1,629.10	86kg
5059	2.44M (8')	1,831	2,014.10	102kg	5063	(8')	1,934	2,127.40	109kg
5060	3.04M (10')	2,342	2,576.20	128kg	5064	(10')	2,522	2,774.20	138kg
5061	3.65M (12')	2,875	3,162.50	175kg	5065	(12')	3,055	3,360.50	185kg
5062	4.57M (15')	3,413	3,754.30	190kg	5066	(15')	3,607	3,967.70	202kg

#### MODEL

21002	Series 21 Hoist Frame only						\$ 847	\$ 931.70	45kg
(Plus Lift Connector assembly as required, please refer to pages 46 & 47)									
5071	"Pastureland" 15' Rear Lift / Hoist Extension bar						\$ 264	\$ 290.40	12kg
(Applicable to 4.57M (15') Standard & Super Lift sets - Model Numbers 5029 & 5037)									

**Date Effective; December 14th 2015 ....RSP, PLUS GST / RRP, INCLUDES GST. Ex. Warehouse Dandenong, Victoria**

## MURRAY AGRICULTURAL EQUIPMENT

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### SUMMARY OF SERIES 05 SERVICE PARTS

			
P/N 122008	P/N 122010	P/N 105003	P/N 105002
Ring Only 12mm	Ring Only 12mm	13mm Oval Link	Coupling - Tripod Front Only
\$ 3.00 ex      \$ 3.30 ex	\$ 4.80 ex      \$ 5.28 inc	\$ 5.00 ex      \$ 5.50 inc	\$ 7.50 ex      \$ 8.25 inc
0.15 kg	0.15 kg	0.14 kg	0.37 kg
12mm x 50mm cut & open	12mm x 50mm closed & welded	Cut & Open	Overall Length 152mm
			
P/N 105017	P/N 105018	P/N 105016	P/N 105019
Coupling – Short Side Only	Coupling – Long Side Only	Coupling – Chain Pipe Only	Coupling – Weight Only
\$ 7.80 ex      \$ 8.58 inc	\$ 8.20 ex      \$ 9.02 inc	\$ 7.60 ex      \$ 8.36 inc	\$ 5.80 ex      \$ 6.38 inc
0.42 kg	0.5 kg	0.37 kg	0.27 kg
Overall Length 178mm	Overall Length 225mm		

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## MURRAY AGRICULTURAL EQUIPMENT












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P/N 105046		P/N 105100		P/N 105005		P/N 105004	
Weight Only		Weight c/w Coupling		"J" Bolt c/w nut & washer		Side Pull c/w 1 Ring Assembly	
\$ 25.40 ex	\$ 27.94 inc	\$ 32.30 ex	\$ 35.53 inc	\$ 9.20 ex	\$ 10.12 inc	\$ 15.80 ex	\$ 17.38 inc
2.12 kg		2.39 kg		0.2 kg		0.8 kg	
Coupling Not Included							
							
P/N 105039		P/N 105001		P/N 105085		P/N 105012	
Tripod Unit c/w 3 Welded Rings		Tripod Unit Only		Tine Only		Link 10mm (3/8")	
\$ 69.80 ex	\$ 76.78 inc	\$ 52.80 ex	\$ 58.08 inc	\$ 3.00 ex	\$ 3.30 inc	\$ 4.80 ex	\$ 5.28 inc
2.83 kg		2.35 kg		0.25 kg		0.25 kg	
		Without the 3 rings		Current Weld In Design		10mm Square Only cut & open	

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## MURRAY AGRICULTURAL EQUIPMENT

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P/N 105087	P/N 105014	P/N 105023	P/N 105041
Chain Pipe Only	Spreader Only 1.52m (5')	Chain Pipe Only	Chain Pipe c/w joint plate
\$ 54.40 ex    \$ 59.84 inc	\$ 34.50 ex    \$ 37.95 inc	\$ 59.90 ex    \$ 65.89 inc	\$ 62.60 ex    \$ 68.86 inc
4.3 kg	2.3 kg	4.5 kg	4.4 kg
For a 1.52m (5') set		For a 1.83m (6') set	1.52m for a 10' set – 2 required
Pipe		Pipe	Pipe
			
P/N 105021	P/N 105022	P/N 105042	P/N 105024
Chain Pipe Only	Spreader Only 2.44m (8')	Chain Pipe c/w joint plate	Spreader Only 1.83m (6')
\$ 81.50 ex    \$ 89.65 inc	\$ 52.70 ex    \$ 57.97 inc	\$ 68.30 ex    \$ 75.13 inc	\$ 38.00 ex    \$ 41.80 inc
7 kg	4.3 kg	4.4 kg	2.7 kg
For a 2.44m (8') set		1.83m for a 12' set – 2 required	
Pipe		Pipe	
			
P/N 105043	P/N 105027	P/N 105025	P/N 105029
Chain Pipe c/w joint plate	Spreader Only 2.28m (7'6")	Coupling – Centre Only	Lift connector assembly
\$ 88.60 ex    \$ 97.46 inc	\$ 56.20 ex    \$ 61.82 inc	\$ 7.60 ex    \$ 8.36 inc	\$ 46.00 ex    \$ 50.60 inc
6.5 kg	4 kg	0.43 kg	2.8 kg
2.28m for a 15' set – 2 required		For a 5.47m (15') set only	For 5', 6' & 8' Standard sets
Pipe			

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## MURRAY AGRICULTURAL EQUIPMENT

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P/N 105030	P/N 105032	P/N 105033	P/N 105034
Lift connector assembly	Lift connector assembly	Lift connector assembly	Lift connector assembly
\$ 70.00 ex    \$ 77.00 inc	\$ 103.00 ex    \$ 113.30 inc	\$ 180.00 ex    \$ 198.00 inc	\$ 108.00 ex    \$ 118.80 inc
4.2 kg	6.7 kg	9.8 kg	5.2 kg
For 10' & 12' Standard sets	For 5', 6' & 8' Super sets	For 10' & 12' Super sets	For 15' Standard set
			
P/N 105040	P/N 105099	P/N 190510	P/N 105008
Lift connector assembly	Joint Bolt ½" x 1 ¾"	Split Link 10mm (3/8")	Tine with rivets
\$ 194.00 ex    \$ 213.40 inc	\$ 1.80 ex    \$ 1.98 inc	\$ 9.90 ex    \$ 10.89 inc	\$ 7.40 ex    \$ 8.14 inc
11.3 kg	0.1 kg	0.14 kg	0.3 kg
15' Super set	2 Nuts ( 1 Nut on Lift Version)	(for Lift Type Connectors)	(non – current design)
			
P/N 105009	P/N 122002	P/N 122016	P/N 121018
Pipe Spacer Only	Drawbar Anchor Only	Drawbar Ring Set	Bolt, Nut & Split Pin
\$ 5.50 ex    \$ 6.05 inc	\$ 3.20 ex    \$ 3.52 inc	\$ 10.00 ex    \$ 11.00 inc	\$ 7.40 ex    \$ 8.14 inc
0.1 kg	0.14 kg	0.31 kg	0.2 kg
(Pipe Spacer, non – current design)	16mm dia steel	12mm x 2 Rings per set	For Series 21 Hoist Frame

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## MURRAY AGRICULTURAL EQUIPMENT

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### SERIES 20 PASTURE HARROW SYSTEM – MEDIUM/HEAVY DUTY TYPE (Category P)

A natural choice in Pasture Harrows. Strong, durable, generally suited to areas larger than 40 to 60 hectares (100 to 150 acres) or anywhere pasture needs an extra tickle up or working by a Pasture Harrow.

#### Specifications

- Coverage 0.86m (2'10").
- Tine Spacing 44mm (1 3/4").
- Tine Length 197mm (7 3/4") approx.
- Centre to Centre of Front Hooks 222mm (8 3/4").

**Features:** High Carbon Steel Tines and Square Chain Mesh.

Available in 3 Rank (12 tines), 4 Rank (16 tines), 5 Rank (20 tines). 2 Chain mesh depths 0.76m (2'6") and 1.5m (5').



Series 20 Model 20013 2.59m (8'6") 3 section, 4 Rank Super 1.5m (5') Deep Mesh Chain Pasture Harrow shown

#### IMPORTANT NOTICE;

This Harrow must **not** be operated at a speed greater than 7km/h (4m/h). Operation at a speed greater than 7km/h (4m/h) will result in premature wear and damage to this Harrow and may void the manufacturer's product warranty.

#### COMPLETE SETS

#### 3 Rank sections and Standard 0.76M (2'6") Deep Mesh Chain

##### DRAG TYPE

<u>DRAG TYPE</u>						<u>HOIST LIFT TYPE (Series 21)</u>			
MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
20001	3 sections	2.59M (8'6")	\$ 2,666	\$ 2,932.60	152kg	20240	\$ 3,574	\$ 3,931.40	200kg
20002	4 "	3.45M (11'4")	3,758	4,133.80	230kg	20241	4,690	5,159.00	280kg
20003	5 "	4.31M (14'2")	4,715	5,186.50	285kg	20242*	5,949	6,543.90	348kg
20004	6 "	5.18M (17')	5,692	6,261.20	345kg	N/A	—		

\* Lift sets Model Numbers 20242 & 20246 also include a Rear Lift / Hoist extension bar.

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## MURRAY AGRICULTURAL EQUIPMENT

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### 3 Rank sections and Super 1.5M (5') Deep Mesh Chain

<u>DRAG TYPE</u>						<u>HOIST LIFT TYPE (Series 21)</u>			
MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
20005	3 sections	2.59M (8'6")	\$ 3,527	\$ 3,879.70	197kg	20244	\$ 4,492	\$ 4,941.20	249kg
20006	4 "	3.45M (11'4")	4,992	5,491.20	297kg	20245	6,034	6,637.40	352kg
20007	5 "	4.31M (14'2")	6,185	6,803.50	365kg	20246*	7,505	8,255.50	434kg
20008	6 "	5.18M (17')	7,414	8,155.40	435kg	N/A	—		

\* Lift sets Model Numbers 20242 & 20246 also include a Rear Lift / Hoist extension bar.

### 4 Rank sections and Standard 0.76M (2'6") Deep Mesh Chain

<u>DRAG TYPE</u>					
MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT
20009	3 sections	2.59M (8'6")	\$ 2,966	\$ 3,262.60	180kg
20010	4 "	3.45M (11'4")	4,213	4,634.30	268kg
20011	5 "	4.31M (14'2")	5,165	5,681.50	323kg
20012	6 "	5.18M (17')	6,310	6,941.00	390kg

### 4 Rank sections and Super 1.5M (5') Deep Mesh Chain

<u>DRAG TYPE</u>					
MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT
20013	3 sections	2.59M (8'6")	\$ 3,827	\$ 4,209.70	225kg
20014	4 "	3.45M (11'4")	5,447	5,991.70	335kg
20015	5 "	4.31M (14'2")	6,635	7,298.50	403kg
20016	6 "	5.18M (17')	8,032	8,835.20	479kg

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## MURRAY AGRICULTURAL EQUIPMENT

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### 5 Rank sections and Standard 0.76M (2'6") Deep Mesh Chain

#### DRAG TYPE

MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT
20017	3 sections	2.59M (8'6")	\$ 3,260	\$ 3,586.00	213kg
20018	4 "	3.45M (11'4")	4,605	5,065.50	308kg
20019	5 "	4.31M (14'2")	5,655	6,220.50	375kg
20020	6 "	5.18M (17')	6,898	7,587.80	456kg

### 5 Rank sections and Super 1.5M (5') Deep Mesh Chain

#### DRAG TYPE

MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT
20021	3 sections	2.59M (8'6")	\$ 4,121	4,533.10	258kg
20022	4 "	3.45M (11'4")	5,839	6,422.90	375kg
20023	5 "	4.31M (14'2")	7,125	7,837.50	455kg
20024	6 "	5.18M (17')	8,620	9,482.00	541kg

COMPLETE SET COMPRISES – Front Drag Drawbar, Tine sections (3, 4 or 5 Rank deep), Mesh Chain section (2'6" or 5' deep) (and Series 21 3-Point Linkage Hoist Frame, Front Lift Drawbar [in lieu of Front Drag Drawbar] and Rear Lift connectors if "Hoist Lift type" specified. Lift sets Model Numbers 20242 & 20246 also feature a Model Number 5071 Rear Lift / Hoist extension bar).

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## MURRAY AGRICULTURAL EQUIPMENT

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### SERIES 20 PASTURE HARROW SYSTEM – MEDIUM / HEAVY DUTY (Category P)

#### SERIES 20 PASTURE HARROW COMPONENTS ONLY

HARROW SECTIONS ONLY c/w two 12mm x 50mm rings welded on to the last rank

**Specifications:**

- Coverage 0.86m (2'10")
- Tine Spacing 44mm (1 3/4")
- Tine Length 197mm (7 3/4") approx.
- Centre to Centre of Front Hooks 222mm (8 3/4")

MODEL NO.	DESCRIPTION	RSP	RRP	WEIGHT
20027	12 Tine section 3 Rank	\$ 334	\$ 367.40	23kg
20026	16 " " 4 Rank	424	466.40	30kg
20025	20 " " 5 Rank	522	574.20	41kg

#### CHAIN MESH SECTIONS ONLY – STANDARD 0.76M (2'6") Deep Chain

<u>DRAG TYPE</u>						<u>HOIST LIFT TYPE</u>			
MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
20028	3 section	2.59M (8'6")	\$ 1,163	\$ 1,279.30	60kg	20264	\$ 1,209	\$ 1,329.90	63kg
20030	4 "	3.45M (11'4")	1,723	1,895.30	98kg	20265	1,793	1,972.30	103kg
20032	5 "	4.31M (14'2")	2,065	2,271.50	110kg	20266	2,173	2,390.30	116kg
20034	6 "(2x3 section)	5.18M (17')	2,326	2,558.60	120kg	N/A	—		

#### CHAIN MESH SECTIONS ONLY – SUPER 1.5M (5') Deep Chain

<u>DRAG TYPE</u>						<u>HOIST LIFT TYPE</u>			
MODEL	DESCRIPTION	COVERAGE	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
20029	3 section	2.59M (8'6")	\$ 2,024	\$ 2,226.40	105kg	20268	\$ 2,127	\$ 2,339.70	112kg
20031	4 "	3.45M(11'4")	2,957	3,252.70	165kg	20269	3,137	3,450.70	175kg
20033	5 "	4.31M(14'2")	3,535	3,888.50	190kg	20270	3,729	4,101.90	202kg
20035	6 "(2x3 section)	5.18M (17')	4,048	4,452.80	210kg	N/A	—		

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## MURRAY AGRICULTURAL EQUIPMENT

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### DRAWBARS ONLY (Drag Type)

SUITABLE FOR 3 RANK SETS – Medium Duty Pipe, 12 mm rings


SUITABLE FOR 4 & 5 RANK SETS – Heavy duty Pipe

MODEL	COVERAGE	DESCRIPTION	RSP	RRP	WEIGHT	MODEL	RSP	RRP	WEIGHT
8022	2.59M (8'6")	3 section	\$ 501	\$ 551.10	23kg 50M	20272	\$ 531	\$ 584.10	30kg 50H
8023	3.45M(11'4")	4 "	699	768.90	40kg 50H	20273	794	873.40	46kg 65H
8024	4.31M(14'2")	5 "	980	1,078.00	60kg 65H	8024	980	1,078.00	60kg 65H
8025	5.18M (17')	6 "	1,362	1,498.20	87kg 80H	20275	1,440	1,584.00	90kg80EH

*For Lift type Front Drawbars for 3 Rank Lift sets refer to Series 08 Drawbars on page 6.*

MODEL		RSP	RRP	WEIGHT
21002	Series 21 Hoist Frame only	\$ 847	\$ 931.70	45kg
5071	"Pastureland" 15' Rear Lift / Hoist extension bar (Applicable to 4.31M (14' 2") Standard & Super Lift sets, Model Numbers 20242 & 20246)	\$ 264	\$ 290.40	12kg

### SUMMARY OF SERIES 20 PARTS

	
P/N 120014	
Coupling Assembly	
\$ 27.20 ex	\$ 29.92 inc
0.9 kg	
To attach "mesh chain" to rear of S20 Harrow Tine Sections	

*Refer to Series 08 (Page 7 – 8) and Series 05 (Page 39 – 42) service part pages for further information on Series 20 parts.*

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