



GRIZZLY
GROUND BREAKING TECHNOLOGY



TINY

It's Australian for BIG!

*From high speed stubble cultivations
through to the deepest and heaviest cultivations.
There is a TINY that will suit you.*



TINY

It's Australian for BIG!



Twist Out Bearing

Maximum reliability, minimum downtime and ease of maintenance. **Grizzly's** twist in/out bearings and bearing housings with 6 bolt disc assembly. 2 year warranty on bearings. Never pull discs apart to change a bearing again. Easily changed in field.



Tool Box & Tool Kit

To ensure all the tools you need to perform maintenance activities on your machine are always close at hand.



Patented "T" Bar Scraper

Grizzly Floppy "T" Bar Scraper system has proven over time to control soil and trash build up on axle spools. They allow you to continue working in all conditions. Get into a wet paddock earlier.



Heavy Duty Componentry

Bolt on / Bolt off stub axles and wheel legs allows for serviceability in the field if required. Lockable and greasable hydraulic ram pins with hardened bushes ensure years of trouble free service.



Hydraulic Pitch Control

Enables the set up of the machine to be fine tuned from the tractor seat. Helping to ensure a level finish. Springs give inbuilt solid impact protection and ground following ability.



Narrow Transport

Most models fold to 3.5 metres (11'5") for transport or narrow gateways. Goes easily from working position to transport position. Also with hydraulic fold option.



Wheel Options

Make punctures a thing of the past when working in rough country with optional solid non-pneumatic tyres.



Hydraulic Level Lift

Hydraulic level lift ensures the machine lifts out and enters the ground evenly, adding to operator ease, comfort and the performance of the machine.



Impact safety

Springs on the hydraulic pitch control allow the machine to follow through contours and help absorb impacts putting excessive stress on frame and components.



Hydraulic Safety

Counter balance valves for added safety in case of a burst hose as well as relief valve to ensure no undue stress is placed on componentry.



Articulated Tongue

Heavy duty fully articulated tongue gives a close tolerance connection with the tractor minimising wear and allowing for smoother operation.



Road Transport Options

Oversize sign, tow hitch, tail lights and spare tyre for operators doing road travel or if working in conditions that increase the chances of getting a flat.

The TINY range explained

We want to help you choose the right machine for your application.

The Grizzly TINY range covers six key models with various options within the range to ensure you get the machine that is right for you and your application. The TINY range and all the various models and their primary application is explained within this booklet. All farmers and all farms are different so it may also help to talk to one of our sales team or local dealer to discuss and select the best model and size for your application.

Whether you are ploughing out cotton rows, discing in stubbles, developing new country or want to mix soils to 14" (350mm) deep the TINY range has you covered. And when you want to move the machine from farm to farm or get over narrow crossings or through gateways TINY can do that too with most models folding to 3.5 metres for transport.

Grizzly's philosophy when designing the TINY range was that it needed to be robust and durable to withstand a life of tough, hard work, yet be refined and advanced enough to add to operator ease when using the machine. Many of Grizzly's market leading features are on the TINY which include Grizzly's patented floppy "T" Bar scrapers, twist in – twist out bearings with 2 year bearing warranty, leading disc design for improved trash flow, level lift, hydraulic safety valves and of course bolt on / bolt off heavy duty componentry which can be easily changed if a break down occurs in field.

All the TINY models have 20mm plate running the width of the machine, giving added strength and the ability to easily adjust your gang working angles for different conditions. And the TINY XL390 and XL460 has a 12mm top plate and a 25mm bottom plate encasing the webbing of the mainframe both top and bottom. It's truly impressive.

TINY, it's Australian for BIG!



Bolt on Filler Discs

Adjustable extra filler discs in addition to the standard filler disc sits out wider and allows you to work faster and fine tune the finish on the outer edges.



28" to 42" Discs

Choose the right machine for the job and get the disc size that will work for you in your conditions.



Australian Made

Family owned and operated as well as Australian Designed and built for Aussie farmers and Aussie conditions.



Rear Crumble Roller

Rear mounted hydraulic folding and down pressure roller saves you time in the field. Improve overall finish by reducing clod size and minimizing the need for a second working when a fine finish is required.



Hydraulic Hose Protection

For conditions where a lot of timber and other organic matter will be encountered. Protects hydraulic hoses on the pull up to the top of the frame.



Heavy Duty Rollers

A view from above shows the heavy duty double rollers. There are two on each gang that run on a stainless steel track. Easily moved from transport to working position plus easy to change gang settings.



Hydraulic Fold

Go from working position to folding position without leaving the cab. The ultimate game changer for operator ease and comfort.

TINY230

The TINY230 runs 230mm (9") disc spacings meaning it can be used for all general cultivation requirements plus it can be put to work in tough conditions where soil is hard to penetrate but you still need a full cut-out or when you are getting country into shape. Whether you're a dryland farmer just wanting to lightly work in a stubble or you are a cattle producer wanting to do some pasture renovation or an irrigation farmer needing to work previous crop stubble it has the ability to do all these jobs plus more. All models feature the 250 x 150 x 16mm RHS outside beams for added weight and strength. When fitted with the roller it makes a perfect alternative to a speed disc, while still being able to do the heavier jobs.

If you like the sound of the TINY230 but you want 32" discs then you need the TINY230H which gives you all the advantages of the TINY230 but with the ability to take a 32" disc, it has longer end plates and scrapers to match, giving you greater clearance, disc life and the ability to ensure you can easily plough out the bottom of the furrow in irrigation applications or just add more weight and clearance for pasture renovation application.



Tiny 230/230H Specifications

MODEL	TN036	TN040	TN044	TN048	TN052	TN056	TN060	TN064	TN068	TN072	TN076
Disc Size	TINY230 28" x 3/8" (710mm x 10mm) front discs - 28" x 5/16" (710mm x 8mm) rear discs - optional 3/8" (10mm) (TNH) TINY230H Standard with 28" x 3/8" front and 28" x 5/16" rear. Optional 32" x 3/8 (810mm x 10mm) front and rear or 5/16" (8mm) discs rear.										
Draught kW (hp) Requirements approx	149+ (200+)	157+ (210+)	164+ (220+)	172+ (230+)	179+ (240+)	186+ (250+)	201+ (270+)	216+ (290+)	223+ (300+)	238+ (320+)	246+ (330+)
Working Width	4.20m 13'9"	4.65m 15'3"	5.10m 16'6"	5.55m 18'	5.95m 19'6"	6.40m 21'	6.90m 22'7"	7.30m 24'	7.70m 25'3"	8.14m 26'5"	8.55m 28'
Hectares P/H @ 8 kph	2.8	3.2	3.6	4.0	4.3	4.65	5.35	5.7	6.0	6.4	6.75
Disc Spacing	230mm (9")										
Weight approx 230	9900kg	10250kg	10500kg	10750kg	11000kg	11250kg	11500kg	11750kg	12000kg	12250kg	12500kg
Weight per disc 230	275kg	256kg	239kg	224kg	212kg	201kg	192kg	184kg	176kg	170kg	164kg
Weight approx 230H	10800kg	11200kg	11500kg	11800kg	12100kg	12400kg	12700kg	13000kg	13300kg	13600kg	13900kg
Weight per disc 230H	300kg	280kg	261kg	246kg	225kg	221kg	212kg	203kg	196kg	189kg	183kg
No. of Bearings 230	16	24	24	24	24	24	24	32	32	32	32
No. of Bearings 230H	16	24	24	24	24	24	24	32	32	32	40
Gang Bearings	38mm x 100mm self aligning greaseable with 2 year warranty										
Transport Width	TINY 230 - 28" discs 3.5m (11'5")										
	TINY 230H - 32" discs 3.5m (11'5")								3.53m	3.6m	3.66m
Tyre & Axle Size	13.0/65 - 18 16 ply 6 stud H70 75mm axle - see options						500/50 - 22.5 16 ply 8 stud H90 100mm axle - see options				
Main Frame	250 x 150 x 9mm RHS with 16mm outer beams										
Gang Frame	250 x 150 x 9mm (16mm with 32" discs)						250 x 150 x 12.7mm (16mm with 32" discs)				

TINY290L

TINY290L gives you greater weight per disc than the TINY230 and the TINY230H due to its 290mm (11 1/2") disc spacing as well as greater clearance to handle even more trash and organic matter, it will also handle wet sticky conditions with ease due to the use of Grizzly's patented floppy "T" Bar scraper and the larger diameter discs give you more drive and high clearance the 290mm disc spacings means it will handle just about anything. Standard with 32" discs the TINY290L is a seriously impressive bit of kit with its 250mm x 150mm x 16mm RHS gangs and mainframe.

Perfectly suited to irrigation farmers wanting a heavy fixed frame tandem offset machine for heavy working conditions. Whether you're wanting to work in heavy stubbles, pulling down beds or both. TINY290L gives you up to 450kgs of weight per disc so it will penetrate in extremely dry and hard conditions but when you need to work in conditions where high flotation is needed the 4 x 500/50 - 22.5 tyres keeps you rolling.

If you want something a little tougher, then check out the TINY290, it has larger 2" disc axles as well as larger bearings and reinforced spools for greater capacity for tougher and rougher work.

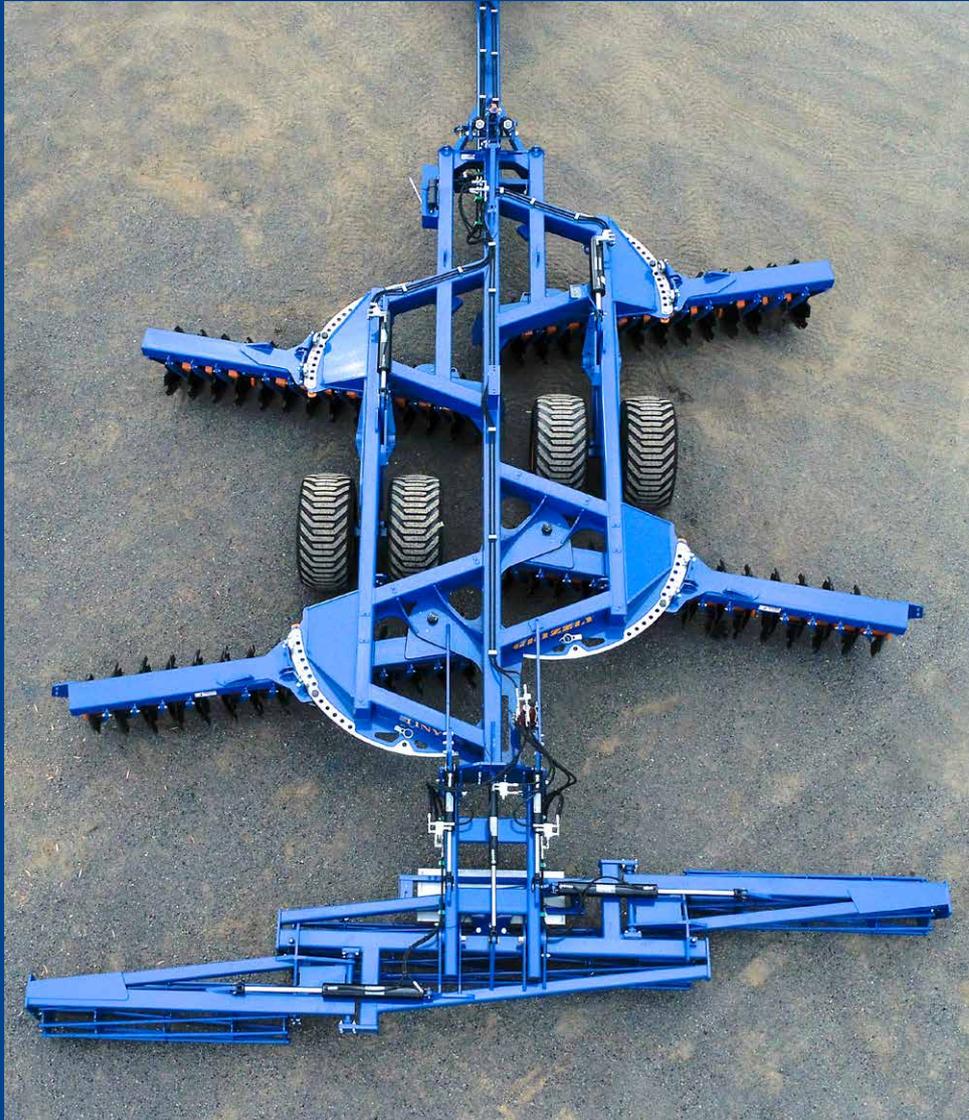


TYL36

Tiny 290L Specifications

MODEL	TYL28	TYL32	TYL36	TYL40	TYL44	TYL48	TYL52	TYL56	TYL60
Disc Size	32" x 3/8" (810mm x 10mm) front 32" x 5/16" (810mm x 8mm) rear - optional 3/8" (10mm) discs rear								
Draught kW (hp) Requirements approx	164+ (220+)	171+ (230+)	193+ (260+)	216+ (290+)	238+ (320+)	260+ (350+)	283+ (380+)	305+ (410+)	328+ (440+)
Working Width	3.9m 12'10"	4.59m 15'4"	5.13m 16'10"	5.67m 18'7"	6.21m 20'4"	6.75m 22'2"	7.29m 23'11"	7.83m 25'8"	8.37m 27'5"
Hectares P/H @ 8 kph	3.1	3.67	4.1	4.54	4.97	5.4	5.83	6.26	6.7
Disc Spacing	290mm (11.5")								
Weight kg approx	12700	13000	13300	13600	13900	14200	14600	15000	15400
Weight per disc	453kg	406kg	369kg	340kg	316kg	296kg	281kg	268kg	257kg
No. of Bearings	16	24	24	24	24	24	32	32	32
Transport Width	3.5m (11'5")								
Tyre & Axle Size	500/50 - 22.5 16ply 8 stud H90 100mm axle - options available								
Main Frame	250 x 150 x 16mm RHS								
Gang Frame	250 x 150 x 16mm RHS								
Gang Bearings	38mm x 100mm Self-Aligning Greasable 2 year warranty								

SPEED things up with a TINY ROLLER



- ✓ **HYDRAULIC FOLD**
- ✓ **FOLDS TO 3.5MTR**
- ✓ **IMPROVES FINISH**
- ✓ **HYDRAULIC PROTECTION**
- ✓ **TINY CAN BE USED WITH OR WITHOUT ROLLER DOWN**
- ✓ **MAKES TINY MORE VERSATILE**



TINY290

The most popular for operators wanting to pull country into shape before getting into crop or for cattle farmers wanting a cultivation tool to go into country that needs to be developed after it has been chained and or blade ploughed. Ideal for cutting out suckers that are coming back into your grazing country while achieving a good pasture renovation working. With 290mm (11 ½") disc spacing this machine gives you the best of both high weight per disc to enable penetration into hard to penetrate country as well as greater clearance for trash and timber yet the discs are close enough to get a full 'cut-out' of the top soil ensuring there are no unworked strips.

TINY290 is most often bought to be used behind dozers, it features reinforced spools, larger disc axles and bearings stepping up to a 2" disc axle with spherical twist in/out greasable bearing complete with a 2 year bearing warranty. It also features 250mm x 150mm x 16mm RHS throughout the mainframe and gang beams. We never put any more than 4 discs per disc assembly. In turn putting less load on parts and componentry as it is distributed throughout more load bearing points giving a longer and more productive life of the machine. This also makes for easier to manage manoeuvrability of the discs when it comes time for maintenance.

Standard with 32" scalloped discs with the option to upgrade to 36" scalloped discs, TINY290 is also versatile enough to leave a high quality level finish in irrigation and general cultivation applications.

For rough work where a lot of timber and foreign material will be present we have options to help deal with the rough environment, these include hydraulic hose guarding and solid tyre option.



Tiny 290 Specifications

MODEL	TY028	TY032	TY036	TY040	TY044	TY048	TY052	TY056	TY060
Disc Size	32" x 3/8" (810mm x 10mm) - can upgrade to 36" (910mm) discs.								
Draught kW (hp) Requirements approx	171+ (230+)	186+ (250+)	208+ (280+)	231+ (310+)	253+ (340+)	275+ (370+)	298+ (400+)	320+ (430+)	343+ (460+)
Working Width	3.9m 12'10"	4.59m 15'4"	5.13m 16'10"	5.67m 18'7"	6.21m 20'4"	6.75m 22'2"	7.29m 23'11"	7.83m 25'8"	8.37m 27'5"
Hectares P/H @ 8 kph	3.1	3.67	4.1	4.54	4.97	5.4	5.83	6.26	6.7
Disc Spacing	290mm (11.5")								
Weight kg approx	13400	13800	14200	14600	15000	15400	15900	16400	16900
Weight per disc	479kg	431kg	394kg	365kg	341kg	321kg	306kg	293kg	282kg
No. of Bearings	16	24	24	24	24	24	32	32	32
Transport Width	3.5m (11'5")								
Tyre & Axle Size	500/50 - 22.5 16ply 8 stud H90 100mm axle - can upgrade to 36" x 1/2" (910mm x 12.7mm) scalloped discs								
Main Frame	250 x 150 x 16mm RHS								
Gang Frame	250 x 150 x 16mm RHS								
Gang Bearings	50.8mm x 125mm Self-Aligning Greasable 2 year warranty with reinforced spools								

TINY390

TINY390 is ideal for when you want to mix soils to a depth of 250 – 300mm (10" to 12"). The wider 390mm (15") disc spacings give even greater weight per disc and clearance to allow for a deeper working. It comes standard with 36" scalloped discs as well as 250mm x 150mm x 16mm RHS mainframe and gang beams. We never put any more than 3 discs per disc assembly this means you have less load on more componentry meaning that bearings will last longer and load on other parts is distributed throughout more load bearing parts giving a longer and more productive life of the machine. This also means when it comes time for maintenance of the discs and bearings the assemblies are more manageable by hand.

In-field testing of the TINY390 has proven it to be an extremely effective tool for mixing soils to a depth of 250 – 300mm whether you are simply mixing what is already present in your soils and busting through hardpans or you are mixing in lime or other material that has been spread. The TINY390 has proven to get spread material on the surface mixed through the profile to the depth of working extremely well.

Efficiency of operation is where TINY390 really stands above. Due to the efficient rolling action of the discs turning the soil you will see significant fuel and time savings. You'll also see savings in the cost of maintenance and upkeep due to the engineered simplicity of the design and the slow moving parts.



Tiny 390 Specifications

MODEL	TW024	TW028	TW032	TW036	TW040	TW044
Disc Size	36" x 1/2" (910mm x 12.7mm) Scalloped Discs					
Draught kW Requirements (hp)	186+ (250+)	208+ (280+)	231+ (310+)	253+ (340+)	275+ (370+)	298+ (400+)
Working Width	4.81m 15'9"	5.55m 18'2"	6.29m 20'7"	7.03m 23'	7.77m 25'6"	8.5m 27'10"
Hectares p/h @ 8 kph	3.85	4.44	5.03	5.62	6.21	6.8
Disc Spacing	390mm (15")					
Weight kg approx	13400	13900	14300	14700	15200	15700
Weight per disc	558kg	496kg	447kg	403kg	380kg	357kg
No. of Bearings	16	24	24	24	32	32
Transport Width	3.5m (11'5")					
Tyres and Axle Size	Dual 500/50 – 22.5 16ply 8 stud H90 100mm axle - options available					
Main Frame Size	250 x 150 x 16.00mm RHS					
Gang Frame Size	250mm x 150mm x 16.0mm RHS					
Gang Bearings	50.8mm x 125mm Self Aligning Greasable 2 year warranty with reinforced spools					

TINY XL390

Tiny XL390 has all the features of the TINY390 but with more weight and more disc clearance for operators in regrowth or where maximum depth is required in earth forming operations, breaking through hard pans and deep mixing of soils but you only want to fit a 36" discs which gives you a total clearance of 345mm between the tip of the disc to the bottom of the spool.

Tiny XL390 has a laminated frame 12mm top and 25mm bottom, encasing the frame within these plates. The frame is made from 250 x 150 x 16mm throughout.

If looking for the heaviest we make because weight and penetration is your prime importance and 36" discs get deep enough for what your application requires then TINY XL390 is for you. If you want all these but need extra depth then have a look at TINY XL460.



Tiny XL 390 Specifications

MODEL	TWX24	TWX28	TWX32	TWX36	TWX40	TWX44
Disc Size	36" x 1/2" (910mm x 12.7mm) Scalloped Discs					
Draught kW Requirements (hp)	186+ (250+)	208+ (280+)	231+ (310+)	253+ (340+)	275+ (370+)	298+ (400+)
Working Width	4.81m 15'9"	5.55m 18'2"	6.29m 20'7"	7.03m 23'	7.77m 25'6"	8.5m 27'10"
Hectares p/h @ 8 kph	3.85	4.44	5.03	5.62	6.21	6.8
Disc Spacing	390mm (15")					
Weight kg approx	16750	17250	17750	18250	18750	19250
Weight per disc	698kg	616kg	555kg	507kg	469kg	438kg
No. of Bearings	16	24	24	24	32	32
Transport Width	3.5m (11'5")					
Tyres and Axle Size	Dual 500/50 – 22.5 16ply 8 stud H90 100mm axle - <i>options available</i>					
Main Frame Size	250 x 150 x 16.00mm RHS enclosed in a 25mm bottom plate and a 12mm top plate					
Gang Frame Size	250mm x 150mm x 16.0mm RHS					
Gang Bearings	50.8mm x 125mm Self Aligning Greasable 2 year warranty with reinforced spools					

TINY XL460

TINY XL460 is the biggest of all the TINY range. Its specifications speak for themselves. The 250 x 150 x 16mm frame is fully welded and is then sandwiched between a 25mm bottom plate and a 12mm top plate. All this added weight and strength soaks up the forces exerted on it by the 42" discs at maximum depth and set.

Fitted with 42" x 1/2" scalloped discs and each disc with its own 28" x 5/16" backing disc giving a maximum potential working depth of up to 380mm (15"). With a 460mm (18") disc spacing to aid clearance and to help penetration the TINY XL460 is really the ultimate in heavy duty disc ploughs.

Featuring Grizzly's 2" disc gang axle and twist in / out greasable bearings with 2 year bearing warranty. There is a maximum of 3 discs per gang assembly, this not only reduces load on componentry allowing for a greater service life but it also makes for more manageable maintenance at service intervals.

TINY XL460 is an extremely effective and efficient tool for working in cropping country where the desired outcome is to mix to a depth of 300mm – 350mm (12" – 14") deep. Depending on conditions it will break through the hardpan allowing next years crop access to moisture and nutrients it otherwise wouldn't have, and it will mix material that has been spread on the surface though the profile to the depth of working and it will do all this at a lower operating cost than any other tool available. Results to date speak for themselves, yield increases the very next year in all reported cases.

Maximise your soil health and yields.



TX028



Tiny XL460 Specifications

MODEL	TX024	TX028	TX032
Disc Size	42" x 1/2" (1060mm x 12.7mm) Scalloped Discs with 28" x 5/16"mm (710mm x 8mm) backing disc		
Draught kW Requirements (hp)	300+ (400+)	335+ (450+)	372+ (500+)
Working Width @ Setting 3	5m 16'4"	5.8m 19'	6.9m 22'6"
Hectares p/h @ 5 kph	2.5	2.9	3.45
Disc Spacing	460mm (18")		
Weight kg approx	18000	18600	19300
Weight per disc	750kg	664kg	603kg
No. of Bearings	24	24	24
Transport Width	3.5m (11'5")		
Tyres and Axle Size	Dual 550/60 – 22.5 16ply 8 stud H90 100mm axle - <i>options available</i>		
Main Frame Size	250 x 150 x 16.0mm RHS enclosed in a 25mm bottom plate and a 12mm top plate		
Gang Frame Size	250mm x 150mm x 16.0mm RHS		
Gang Bearings	50.8mm x 125mm Self Aligning Greasable 2 year warranty warranty with reinforced spools		

Tiny Features - All Models

No. of Tyres	4
Scrapers	Grizzly Floppy "T" Bar Scrapers - Pat No. 602879, Reg. Design No. 95931
Spool Size	220mm Heavy Wall Pipe - Machines with 2" axles have reinforced spools
Gang Angles	Multiple Settings
Pull Assembly	250mm x 150mm x 12.7mm with fully articulated tongue
Level Lift	Hydraulic Level Lift with independently adjustable pitch control.
Adjustable gang angles	6 discs angle settings from 10 to 30 degrees on 230, 290 and 390 models. TINY XL390 and 460 has 4 settings

Tiny Options

Pull Tongue	All TINY's come with an articulated tongue, suited to the category on your tractor
Rear Tow Hitch	Centre Mounted CAT2 hitch
Rear Tail Lights	For Road Travel
Spare Wheel	A fast change over in case of a flat
Oversize Sign	For Road Travel
Wheels	Solid cushion tyres where the risk of punctures is present
Rear Crumble Roller	Rear mounted hydraulic folding and down pressure roller
Hose Protection	Hydraulic hoses and valves on the pull and front of the machine are shielded against foreign objects when working in rough country
Hydraulic Fold	Available on most models. No need to leave the tractor cab to fold and unfold.

Notes....

N.B. Design and Specifications are subject to change without prior notice.



1800 637 250

Grizzly Engineering Pty. Ltd. A.B.N.19 006 093 027

McAllister Road, Swan Hill, Victoria 3585 Australia
 Postal Address: PO Box 831, Swan Hill Victoria 3585 Australia
 Telephone: 03 5032 9155 (International: + 613 5032 9155)
 Fax: 03 5032 9280 (International: + 613 5032 9280)
 Email: sales@grizzlyag.com.au
 visit us at www.grizzlyag.com.au

