

Piranha slashers

2008 Catalogue



BEN WYE
engineering & design



ABOUT BEN WYE

Ben Wye Engineering & Design Pty Ltd is a 100% Australian owned and operated company based in Summertown in the agricultural region of the Adelaide hills.

From humble beginnings of manufacturing machinery & general fabrication for the local growers, Ben Wye Engineering now has a dealer network Australia wide.

Specialising in tractor drawn grass cutting equipment. Just have a look at our range of top quality Piranha Slashers, we are sure you will be impressed. Founded in 1990 Ben Wye Engineering is setting the benchmark for quality in design, engineering & workmanship.

We specialise in the manufacture of slashers and attachments for the agricultural industry, contractors, councils, parks & gardens and lifestyle farmers.

We use the latest in 3D design software, employ the finest tradesmen and only use high grade products.

Our range of Slashers include single, twin, triple and quad rotor slashers from 1 metre up to 5 metres wide. 40hp to 150hp units, a variety of body designs from flat deck to drop centre and winged orchard models. Realising that there are different applications in different regions throughout Australia, Ben Wye Engineering can custom built a Piranha Slasher to suit any needs.

We also manufacture other products including hydraulic bin trailers, log splitters, post hole diggers, rear tipping carryalls and many other agricultural implements.

PIRANHA FEATURES

Ben Wye Engineering has a full range of Piranha Slashers available in Three Point Linkage or Trailed Models, ranging from 1mtr (3ft) to Multi-Rotor Models up to and over 5mtr (17ft).

Our Piranha Slashers can be centrally mounted or off set for mowing down fence lines and out side the wheel line. A Double Headstock option gives the best of both worlds allowing pick up in either position and for precision control a hydraulic side shift is an extra on some models.

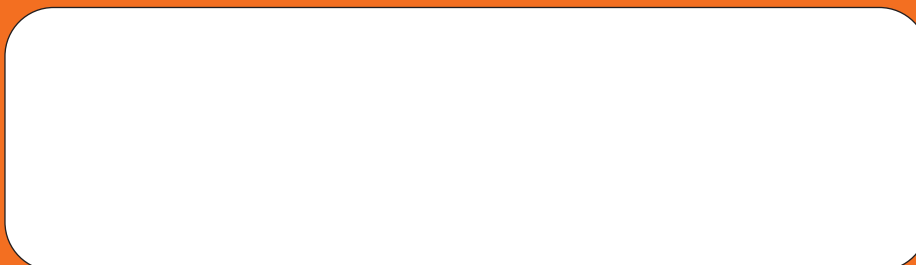
Triangular profile telescopic PTO shafts are the input drive line of the Piranha Slashers. With a range of drives between Multi-Rotor Heads including Ben Wye Engineering's own Cone Ring Coupler with cushioning rubbers to dampen shock loads with a positive drive. Protection for the drive line consists of either a two, four or six plate friction slip clutch depending on the HP required.

Our gearboxes start at 30kw (40HP) through to the 97KW (130HP). The nodular cast iron gearbox housings use hardened and precision ground shafts to drive the precision cut, case hardened gears made from high grade alloy steel forgings and all this is rotated with taper roller bearings (40HP unit uses ball bearings). The output shafts use a tapered spline assembly with an incorporated seal protecting system on the spindle hub.

Standard optional extras include Rollers [front or rear], Rear castor wheels, Chain curtains, Knapsack holder, Spray units Front mount units, side discharge or rear discharge of mulch, Pneumatic or Solid wheels and fixed cutting height or adjustable sides for varied cutting.



DEALER STAMP





Piranha slashers

SINGLE ROTOR FEATURES

Single Rotor Slashers consist of a single right angle drive gearbox that is geared up at a ratio of either 1:1.47 or 1:1.93 depending on the size of the rotor.

They are available in either Offset to the Right Headstock (three point linkage pick up point) allowing the edge of the slasher to run outside the wheel of the tractor. This gives the operator the flexibility to run along a fence line or closer to a tree line or obstacle. Or a Centre Mount which is centrally mounted behind the tractor which travels in line with the slasher making for easy operation in vineyards or nurseries or any where with a lot of straight-line cutting.

An alternative option available on some models is a Double Headstock which gives the best of both worlds as it has both position pick ups allowing the operator to pick it up in the central position or the offset position to allow for both needs.

A further option on single rotors is the sides configuration, being either Adjustable Sides, Fixed Sides or Side Delivery.

Adjustable Sides come with separate sides that bolt on in three different positions which in turn gives three different cuttings heights (25mm-50mm-75mm) giving the operator the choice of cutting height.

Fixed Sides is more of a budget option and is a fixed one piece side that is at a preset cutting height of approximately 40mm.

The Side Delivery option is made up of a removable side plate. This allows the cut material to be ejected out the right hand side of the single rotor unit. The mulch can then be used to help with weed suppression, reduce chemical application and help with water retention. This unit does require either a rear roller (standard) or a wheel kit to help carry the unit once its side has been removed.



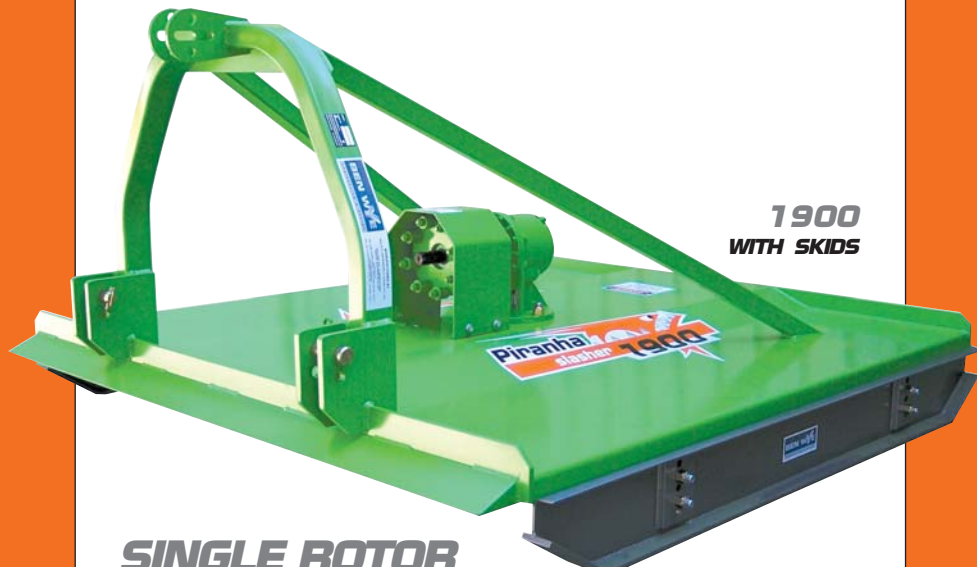
**1300 L
WITH SKIDS**

SINGLE ROTOR (L Series)

1000L, 1150L, 1300L, + OPTIONAL EXTRAS

Single Rotor Light Duty are designed for the small 16-35hp tractor range and come in 3 different sizes which have the following features.

- Dual Category Pick up pins Cat 1 & 2.
- Available in either Centre Mount or Offset.
- 40 HP gear Box protected by a 150mm Two Plate friction clutch.
- Drive Shaft is a telescopic triangular profile 4 series shaft.
- 40hp Gearbox has precision cut case hardened gears with single row deep groove radial ball bearings with a 1:1.93 Ratio.
- Laminated spring steel blade beam with hardened dip down twisted mulching blades on a hardened swing back bush.
- Exclusive 2 Year Warranty on all Piranha Slashers.



**1900
WITH SKIDS**

SINGLE ROTOR

1300, 1600, 1900, 2200, + OPTIONAL EXTRAS

Single Rotor are designed for 35-100hp tractor range and come in 4 different sizes which have the following features.

- Dual Category pick up pins Cat 1 & 2 with slotted top link.
- Available in either Centre Mount or Offset or double headstock.
- Available with either Adjustable Sides, Fixed Sides or Single Side Delivery.
- Choice of 50hp, 75hp or 100hp gearboxes.
- Drive Shaft is a telescopic triangular profile 6 or 7 series shaft.
- 50-75-100hp Gearbox has precision cut case hardened gears with high quality tapered roller bearings used throughout.
- Laminated spring steel blade beam with hardened dip down twisted mulching blades on a hardened swing back bush.
- Half sizes are available on request eg; 1750mm wide.
- Exclusive 2 Year Warranty on all Piranha Slashers.

TWIN ROTOR

1850, 2000, 2100, 2300, 2450, 2600, 2750, 2900, + OPTIONAL EXTRAS

Twin Rotor Heavy Duty Slashers are designed for 35-80hp PTO tractor range and come in 8 different sizes which have the following features.

- Dual Category Pick up pins Cat 1 & 2 with slotted top link.
- Available in either Centre Mount, Offset or Double Headstock (Some models only).
- Available with either fixed sides or Twin Side Delivery.
- 80hp Transfer Gearbox with two 75hp Rotor Gearboxes.
- Drive Shaft is a telescopic triangular profile 6 series shaft.
- 75-80hp Gearbox has precision cut case hardened gears with high quality tapered roller bearings used throughout.
- Laminated spring steel blade beam with hardened dip down twisted mulching blades on a hardened swing back bush.
- Exclusive 2 Year Warranty on all Piranha Slashers.

**2300
WITH REAR
WHEELS**



**2000
WITH
ROLLER**



TWIN ROTOR FEATURES

Twin rotor slashers consist of two right angle gearboxes and one transfer gearbox or T-Box which is between the two rotor gearboxes to do three major functions. One is to drive the two rotor gearboxes. Two is to keep the main drive shaft in as straight as possible. The third is to use the safety friction clutch on the input shaft for drive line protection and essentially keep the two rotors timed or synchronised.

The Twin Rotor's main advantage over a Single Rotor unit is the increase in width with out getting to deep for eg; a 2500mm wide unit is only 1250mm deep. Or half its width which markedly cuts down on the leverage weight of the unit and keeps the weight closer to the rear wheels of the tractor which can be essential in some steep terrains.

With two rotors you can set the unit up to deliver the cut material in a few different configurations. The most common being material is ejected or delivered out to either side of the unit using a side delivery model to throw mulch under vine to assist with weed suppression, reduce chemical application and help with water retention.

Another configuration is a single side delivery unit. This has two rotors spinning clockwise to throw all the material out to the right hand side, this is generally used in an orchard situation when two pass mowing is required. A further option is both rotors spinning into the centre to leave the material mid row or directly behind the unit.



TWIN ROTOR (Drop-Centre)

**1850, 2000, 2100, 2300, 2600,
2900, 3200**

Twin Rotor Drop Centre Slashers are designed for 35-100hp tractor range and come in 8 different sizes which have the following features.

- Dual Category Pick up pins Cat 1 & 2 with slotted top link.
- Available in only Centre Mount.
- Available with either Fixed Sides or Twin Side delivery.
- 120hp Transfer Gearbox with two 75hp Rotor Gearboxes.
- Drive Shaft is a telescopic triangular profile 6 series shaft with High quality star shafts between gear drives.
- 75-120hp Gearbox has precision cut case hardened gears with high quality tapered roller bearings used throughout.
- Laminated spring steel blade beam with hardened dip down twisted mulching blades on a hardened swing back bush.
- Come standard with 2 rear & 3 front rollers to follow ground contours.
- Exclusive 2 Year Warranty on all Piranha Slashers.

1850

DROP-CENTRE



TWIN ROTOR (Pasture Topper)

2600, 3200.

Twin Rotor Heavy Duty Pasture Toppers are designed for 50-150hp PTO tractor range and come in 2 different sizes which have the following features.

- High Tip Speed to allow for higher ground speed.
- More under body clearance for even distribution of cuttings.
- Dual Category Pick up pins Cat 1 & 2 with slotted top link.
- Available in either Centre Mount or Trailed.
- Comes Standard with Adjustable sides and is Skid Run.
- Choice of 80hp T-box with two 75hp Rotor Gearboxes or 150hp T-Box with 130hp Rotor Gearboxes.
- 75-80hp & 150hp-130hp Gearboxes have precision cut case hardened gears with high quality tapered roller bearings used throughout.
- Laminated spring steel blade beam with hardened dip down twisted mulching blades on a hardened swing back bush.
- Exclusive 2 year warranty on all Piranha slashers.



QUAD ROTOR

4500, 4750, 5000

Piranha Quad rotor slashers come in a standard flat deck for pasture cutting or for single pass mowing in Almonds, Olives, Macadamias or any other wide planted crops. They come standard with a 150hp transmission kit and cater for the 70hp-150hp PTO tractor range. There are 3 standard models which have the following features.

- Trailed level lift with large floatation wheels.
- RHS headstock and rear arms for superior strength.
- Drive Shaft is a telescopic triangular profile 7 series shaft.
- Laminated spring steel blade beam with hardened dip down twisted mulching blades on a hardened swing back bush.
- 150hp-130hp Gearboxes have precision cut case hardened gears with high quality tapered roller bearings used throughout.
- Exclusive 2 Year Warranty.

◀ **DROP CENTRE FEATURES**

Drop centres are designed for V shaped or delled ground, they have two rotor gearboxes that are on individually floating wings that follow the contours of the V ground. They have one main power divider that drives the two rotor gear boxes at 40 degree angles via two short star shaft pto shafts. The hinges use a full length 22mm stainless steel hinge pins and allow the unit to mow up to a 15 degree V on each wing or 30 degree combined. Drop centres come standard with two rear rollers and three front rollers to keep snug to the ground contour.

▼ **PASTURE TOPPER FEATURES**

Pasture toppers are essentially a Twin Rotor unit with the main difference being a higher tip or peripheral speed to cover the ground at quicker speeds - required for pasture rejuvenation or stubble cutting. They generally cut slightly higher than a standard slasher and are designed for taking the top of established pastures or paddocks at a slightly higher speed. Pasture toppers can be supplied as a skid run model or with rear castor wheels.



3200

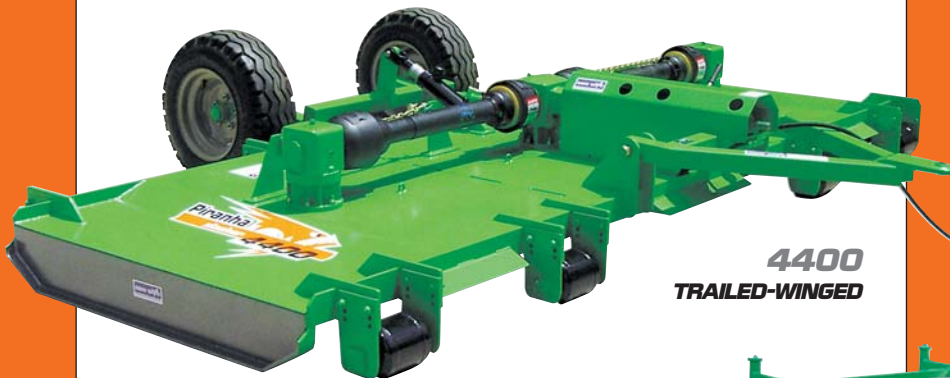
PASTURE TOPPER

TRIPLE ROTOR

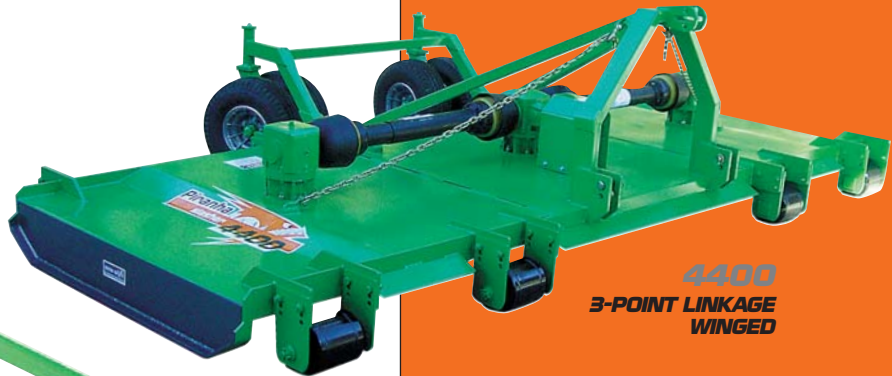
3200, 3500, 3800, 4100, 4400, + OPTIONAL EXTRAS

Piranha Triple rotor slashers come in two different body types, flat deck for pasture cutting or flat orchards or three piece winged units for following the contours of V or U shaped ground. They come standard with a 150hp transmission kit and cater for the 50hp-150hp PTO tractor range. There are 5 standard models which have the following features.

- Available in Three Point Linkage or Trailed level lift.
- Flat Deck or Winged.
- Solid Construction.
- RHS Headstock and rear arms for Superior Strength.
- Drive Shaft is a telescopic triangular profile 7 series shaft.
- Laminated spring steel blade beam with hardened dip down twisted mulching blades on a hardened swing back bush.
- 150hp-130hp Gearboxes have precision cut case hardened gears with high quality tapered roller bearings used throughout.
- Exclusive 2 Year Warranty on all Piranha Slashers.



**4400
TRAILED-WINGED**



**4400
3-POINT LINKAGE
WINGED**



**3800
3-POINT LINKAGE
FLAT-DECK**

Piranha
slashers **2008**

TRIPLE ROTOR FEATURES

Triple Rotor slashers come in two main styles. A Flat Deck for Flat Level ground or a Winged Unit that has a three piece deck for following the ground contour for V or U shaped ground.

All models have a 4-way centre gearbox that drives the two outer gearboxes and the centre blade beam. This main drive gearbox is also where the input safety clutch is mounted to protect the complete drive system.

The main advantage of triple rotors is that the unit can be up to 5 metres wide but the unit is kept to a relatively short depth. These models are generally used in orchard situations where one pass mowing is required. They come in sizes ranging from 3m to 5m and can have a range of options including side delivery, three point linkage, trailed, winged or flat deck.

Triple rotors come with either ground contour following rollers on the winged units, This assists with helping these larger units to turn at headlands.



**1550
WITH SKIDS**

TWIN ROTOR (Hydraulic Drive) CUSTOM BUILT SLASHERS

With the larger capacities of today's hydraulic machinery Ben Wye Engineering has designed a range of hydraulic slashers to suit Skid Steers, Loaders, Tractors & Harvesters. As there are several makes and models on the market of all these machines, hydraulic units are generally customised to suit that particular machine.

- Min 50ltr/min.
- Heavy duty pick ups fabricated to suit most machines.
- 4-6mm decks depending on the environment.
- Direct 1:1 drives through to 1:1.93 increase drives.
- Laminated spring steel blade beams or Bis plate disk rotors.
- High quality torque or gear motors.
- Overrun check valves hard piped standard.
- Cross line Relief valves (depending on application).



EXCAVATOR SLASHERS

Excavator slashers are an extremely useful tool in inaccessible areas and give the operator a huge reach to clean up creek beds steep ground and around obstacles.

With Ben Wye engineering and design exclusive direct drive hydraulic drive slashers you can eliminate the need for coupling of the hydraulic motor to shafts, thus saving room, components and the need for guarding of the rotating parts. Maintenance becomes easier and alignment is precise. These twin rotor units are ideal on skid steer or loader attachment as they give a greater width to depth ratio.



UNDER-HARVESTER SLASHERS

With the mechanicalisation of vineyards and the use of harvesters has bought a new era in vineyard maintenance. With the harvester you can half your operator time by cutting two rows at once, make full use of your investment by turning your harvester into a year round implement.



**EXCAVATOR
SLASHER**

FLEX-WING

4500, 5000, 5500 + OPTIONAL EXTRAS

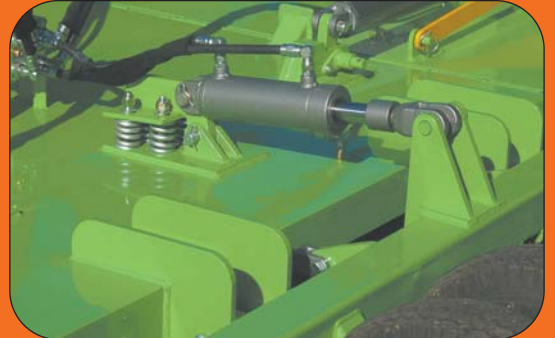
- Standard models Piranha Flex Wing 4500, 5000 and 5500
- Hydraulic Wings fold up to 90 degrees for transport and will float down slope to 15 degrees
- Hydraulic wing lift are protected by an anti-drop valve for ultimate safety
- All models fold up under 2400mm for transport or for getting through gates
- Standard gearboxes are the 150hp three way divider driving 3 130hp rotor gearboxes
- All rotor gearboxes are individually clutched and overlapped but not timed
- All gearbox shafts are 1 3/4 20 spline for exceptional torque transmission
- Hydraulic level lift trailing unit with heavy duty adjustable turn buckles for the wings
- Spring shock absorber on the wheel cylinder provides smooth operation while reducing shock loads to the mainframe
- Full length stainless steel hinge pins provide greater strength and durability
- The main body is a three piece constructed folded and fully reinforced HA350 grade 5mm Australian made plate and tube
- Piranha Flex-Wings come with an exclusive 2 year Warranty
- Piranha Flex-Wings are Australian Owned and Made.



FLEXWING
5000 WINGS UP



FLEXWING
5000 WINGS DOWN



SHOCK ABSORBING SPRING SUSPENSION



NEW EASY ACCESS PTO GUARDING

OPTIONAL EXTRAS

- Solid fill wheels
- Front and rear chain curtains
- 540 or 1000 rpm
- Double blade mulching kit
- Electric over hydraulic controls
- Spool valve Kit

ADD-ON ACCESSORIES OPTIONAL EXTRAS

- Adjustable Sides - give a 75mm cutting height adjustment on skid run models.
- Fixed sided - the budget option for 1 fixed cutting height.
- Side Delivery- Either one or two removable sides allowing debris to be delivered under vine/tree to help with weed control & moisture retention.
- Gearbox options- with a range of 6 standard gearboxes rated at 40hp,50hp,75hp,100hp,130hp & 150hp we have got the right horsepower rating to suit most applications. Gearboxes consist of a nodular cast iron gearbox housing with hardened and precision ground shafts to drive the high alloy case hardened gears, all this is rotated by taper roller bearings (40hp uses ball bearings). The output shaft uses a tapered spline assembly with an incorporated seal protecting system on the splined hub.
- Tractor Connections - we have three main types, the three point linkage, semi trailed and trailed level lift.
- Customisations - although we have a huge standard range we understand that no two situations are the same and are more than capable of customising any unit to suit any ones particular needs.
- Double Headstock- Dual pick up centre mount and offset (offset 300mm).
- Knapsack Holder- To fit a Rega fire-fighters knapsack.



SPRAY-PACK OPTION

- 200ltr tank that contains molded filling increments.
- Large sump to ensure total emptying.
- Large 13 litre/min 12v flow jet pump coupled with a regulator kit & gauge for pressure control.
- Inline filter and nozzle filters to save spray jets from blocking.
- 2 x 12v solenoids wired to a water proof dual switch controller for fingertip control.
- 2 x spring loaded adjustable length spray booms to give the operator fine adjustment.
- Different size tanks are available on request.



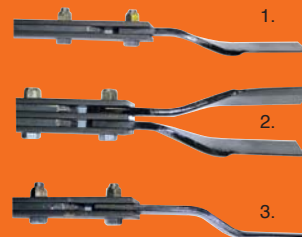
1600
CHAIN CURTAIN OPTION

CHAIN CURTAINS

Chain curtains are a must for operators using slashers on roadsides, or anywhere where there could be a risk of endangering anyone or anything. Chains are easily replaceable if broken or worn out and can be fitted on existing units.

BLADES

1. Standard Step Down Suction Blade.
2. Double blade Mulching Kit.
3. Step Down Flat Blade.



All blades are mounted on a 32mm hardened swing back bush.

STD OR DUAL WHEELS

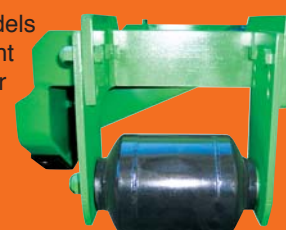
The STD option includes 2 castor wheels with a 6.9/6.0-9" tyre on a 4.5 x 9" rim Rated at 509 k.g each tyre , H.T hubs with a B Stub Rated at 1250 k.g. These tyres are also available in a puncture proof solid filled option

The Dual Wheel kit has the same tyres, rims and hubs as the standard kit but is designed for larger and heavier models as there is 4 tyres instead of 2. These tyres are also available in a puncture proof solid filled option.



SM FRONT ROLLER

Ideal for heavier models to disperse the weight evenly on the slasher also standard for winged and drop centre models for following the ground contour.



BEN WYE - Piranha TECHNICAL SPECIFICATIONS

30th JUNE 2008

SINGLE ROTORS (Light Duty)

MODEL	1000L (3')	1150L (3'6")	1300L (4')				
Cutting Width	850mm	1000mm	1180mm				
Overall Width	1000mm	1150mm	1300mm				
Overall Depth	1100mm	1250mm	1400mm				
Cutting Height	30mm						
Gearbox Rating	40hp						
Safety Friction Clutch	150mm Two Plate Friction Clutch						
Drive Shaft	Triangular Profile 4 Series						
Deck Thickness	3mm						
Weight (approx)	140kg	160kg	180kg				
Minimum Power Req	16hp	18hp	20hp				
Fixed Side	Standard						
Adjustable Sides	N/A						
Blades	12mm Dip down suction mulching B6002						
Pick-up Category	Cat 1 & 2						

SINGLE ROTORS

MODEL	1300 (4')	1600 (5')	1900 (6')	2200 (7')			
Cutting Width	1190mm	1460mm	1760mm	2050mm			
Overall Width	1320mm	1580mm	1900mm	2200mm			
Overall Depth	1475mm	1725mm	2025mm	2300mm			
Cutting Height	15-65mm						
Gearbox Rating 50hp	Standard	Option	N/A	N/A			
75hp	Option	Standard	Standard	N/A			
100hp	N/A	N/A	Option	Standard			
Safety Friction Clutch	150/200mm	150/200mm	200mm	200mm 4 plate			
Drive Shaft	4/6 series	4/6 series	6/7 series	7 series			
Deck Thickness 4mm	Standard	Standard	Standard	N/A			
5mm	Optional	Optional	Optional	Standard			
Weight (aprox)	250kg	320kg	400kg	540kg			
Minimum Power Req	30hp	35hp	40hp	70hp			
Fixed Side	Optional						
Adjustable Sides	Standard						
Side Delivery	Optional						
Blades	12mm Dip down suction mulching blade B6002						
Pick up Category	Cat 1 & 2						

TWIN ROTORS

MODEL	1850 (5'6")	2000 (6')	2100 (6'6")	2300 (7')	2450 (7'6")	2600 (8')	2750 (8'6")	2900 (9')
Cutting Width	1670mm	1830mm	1950mm	2140mm	2290mm	2440mm	2590mm	2750mm
Overall Width	1830mm	2000mm	2100mm	2300mm	2450mm	2600mm	2750mm	2900mm
Body Depth	1200mm	1200mm	1200mm	1250mm	1250mm	1250mm	1350mm	1400mm
Cutting Height	15-90mm Adjusted through either standard rear roller or castor wheels							
Gearbox Rating	80hp Transfer Gearbox with two 75hp Rotor Gearboxes							
Safety Friction Clutch	200mm Two Plate Safety Friction Clutch							
Drive Shaft	Six Series Triangular Profile							
Deck Thickness 4mm	HU300 Grade standard							
5mm	Optional							
Weight (aprox)*	510kg	540kg	560kg	585kg	600kg	620kg	640kg	670kg
Minimum Power Req	35hp	35hp	35hp	35hp	35hp	35hp	40hp	45hp
Fixed Side	Optional							
Side Delivery	Standard							
Blades	B6002 (LH rotation) & BR6002 (RH Rotation)							
Pick up Category	Cat 1 & 2							
Rear Roller	Standard on all above twin rotors							

2 YEAR WARRANTY

Ben Wye Engineering & Design Pty Ltd warrants to the original purchaser that it will repair or replace, without charge for parts or labour, any defects in materials or workmanship for a period of two years, when used as intended and under normal service conditions. This warranty is limited to the replacement of any defective part by Ben Wye Engineering & Design and the installation by an authorised dealer. This warranty does not cover common wear items such as blades, skids, tyres etc. Any part or product which in Ben Wye Engineering & Design's judgement has been: Misused or damaged by accident or by lack of normal maintenance or care. Repaired in a way that adversely affects its performance or reliability. Used for a purpose for which the product is not designed will not be covered by this warranty. Failure to properly maintain oil levels, grease points, and PTO shafts is classed as misuse. The warranty does not cover: Loss of productivity. Crop loss. Inconvenience. Down time or other consequential damages. Delivery of the product or part is at the owner's cost to the original place of purchase. Any penalty rates or travel time shall be at the owner's expense. This warranty is not valid unless the product is registered with Ben Wye Engineering & Design Pty Ltd within 14 days from date of delivery to the end user. All warranty claims must be reported to Ben Wye Engineering & Design Pty Ltd, through the original dealer and all warranty approvals must come from Ben Wye Engineering & Design Pty. Ltd. before warranty work can commence.

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TWIN ROTORS DROP CENTRE

MODEL	1850 (5'6")	2000 (6')	2100 (6'6")	2300 (7')	2600 (8')	2900 (9')	3200 (10')
Cutting Width	1670mm	1830mm	1950mm	2140mm	2440mm	2750mm	3050mm
Overall Width	1830mm	2000mm	2100mm	2300mm	2600mm	2900mm	3200mm
Body Depth	1200mm	1200mm	1200mm	1250mm	1250mm	1400mm	1500mm
Cutting Height	15-90mm Adjusted through standard rollers						
Gearbox Rating	120h.p Transfer Gearbox with two 75 h.p rotor gearboxes						
Safety Friction Clutch	200mm Two Plate Safety Friction Clutch						
Drive Shaft	Six Series Triangular Profile						
Deck Thickness 4mm	HU300 Grade standard						
5mm	Optional						
Weight (approx)*	640kg	670kg	690kg	710kg	730kg	760kg	790kg
Power Required	35hp	35hp	35hp	35hp	40hp	60hp	70hp
Fixed Side	Optional						
Side Delivery	Standard						
Blades	B6002 (LH rotation) & BR6002 (RH Rotation)						
Pick up Category	Cat 1 & 2						

TWIN ROTOR PASTURE TOPPERS

MODEL	2600 (8')	3200 (10')
Cutting Width	2440mm	3050mm
Overall Width	2600mm	3200mm
Body Depth	1250mm	1500mm
Cutting Height	25-125mm Adjusted through standard Adjustable Sides or Rear hydraulic wheels for trailed unit	
150hp-130hp	Optional	Optional
Safety Friction Clutch	200mm Two Plate Safety Friction Clutch 80hp or 200mm 4plate safety friction clutch on 150hp	
Drive Shaft	Six Series Triangular Profile 80hp kit or Seven series 150 hp Kit	
Deck Thickness 4mm	HU300 Grade standard or 5mm Optional	
Weight (approx)*	510kg	540kg
Power Required	35hp	35hp
Fixed Side	Optional	
Side Delivery	Standard	
Blades	B6002 (LH rotation) & BR6002 (RH Rotation)	
Pick up Category	Cat 1 & 2	

TRIPLE ROTORS

MODEL	3200 (10')	3500 (11')	3800 (12')	4100 (13')	4400 (14')
Cutting Width	3050mm	3350mm	3650mm	3950mm	4250mm
Overall Width	3200mm	3500mm	3800mm	4100mm	4400mm
Body Depth	1200mm	1200mm	1250mm	1300mm	1500mm
Gearbox Rating	150 Transfer Gearbox/130 hp Satellite Gearboxes				
Deck Thickness 4mm	Standard				
5mm	Optional				
Weight (winged)	720kg	800kg	940kg	990kg	1040kg
Power Req	50hp				

QUAD ROTORS

MODEL	4500 (14')	4750 (15')	5000 (16')
Cutting Width	4350mm	4600mm	4850mm
Overall Width	4500mm	4750mm	5000mm
Body Depth	1200mm	1200mm	1250mm
Gearbox Rating	150 Transfer Gearbox-4x130 hp Satellite Gearboxes		
Deck Thickness 5mm	Standard		
Weight	1150kg	1250kg	1320kg
Power Req	70hp		

FLEX WINGS

MODEL	Flexwing 4500	Flexwing 5000	Flexwing 5500
Cutting Width	4350mm	4850mm	5350mm
Transport Width	2250mm	2250mm	2400mm
Overall Width	4500mm	5000mm	5500mm
Overall Depth	3400mm	3500mm	3600mm
Cutting Height	30mm-275mm	30mm-275mm	30mm-275mm
Wing Flex	90° up 15° Down	90° up 15° Down	90° up 15° Down
Gearbox Rating:			
Power Divider	112kw (150hp)	112kw (150hp)	112kw (150hp)
Center & Wing G-Boxes	97kw (130hp)	97kw (130hp)	97kw (130hp)
Output Shaft Diameter	60mm	60mm	60mm
Hinges	Full Length 7/8" Stainless Steel Pins		
Deck Thickness	5mm	5mm	5mm
Blade Tip Speed:			
Centre 540	10566 f / min	12655 f / min	14862 f / min
Wings 540	12864 f / min	14862 f / min	16101 f / min
Replacement Skid Shoes	Standard		
Weight (kgs)	1850kgs	1920 kgs	2250kgs



Member
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Ben Wye Engineering & Design Pty Ltd

**Collins Road
Summertown SA 5141**

Ph: (08) 8390 3664

Fax: (08) 8390 3971

info@benwye.com.au

www.benwye.com.au

