

BLADE/ROOT PLOWS

900 Series



Savannah[®]

AGRO-FORESTRY SOLUTIONS



900 Series – Savannah® Blade (Root) Plows:

Blade plows were developed for conservation farming, erosion control and land-clearing. They are an efficient means of controlling heavy forest re-growth and can be used to extract stumps out of the ground as well as the lateral root structures of extracted stumps. They are often used as a efficient and rapid conversion of forest into farmland, golf courses, etc.

The concept is to draw a V-shaped blade under the ground at a depth of 20-30cm to break the capillary action of the soil, cut off all the root systems laterally, then draw all this material to the surface where it is exposed to the sun and killed. A blade plow can be mounted to the ripper frame of a large dozer or fitted to the rear of a large tractor using a custom Mounting Beam that pins into CAT IV Lift Assemblies. Trailing Carrier Systems are also available when you are tackling re-growth taller than 2.5m.

The original concept of the Blade Plow used to clear or rehabilitate land for agriculture was typically followed by high production Rotary Pinwheel Rakes to sift roots, sticks and stumps from the soil and windrow into soil free piles that could be easily burn. Savannah Rotary Rakes can typically rake 4-6 acres per hour in most conditions.

Savannah® Blade (Root) Plows are available in several configurations, a Savannah Application Specialist can help recommend the best design for your application.

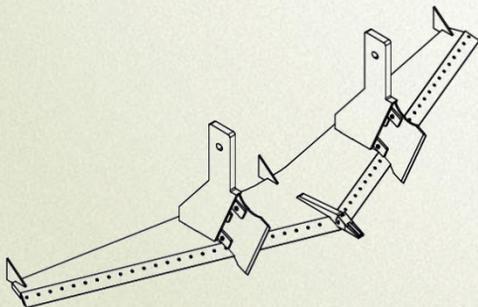
Single Tyne Mount to Ripper Beam Center Pocket



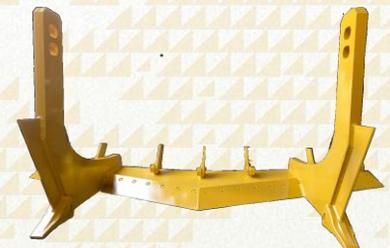
Double Tyne with Add On Pocket for Wider Models >4m



Double Tyne with Straight Cutter Bar for row planted and larger stump diameters that pin in the outer Ripper Pockets



Double Tyne "V" for row planted and larger stump diameters that pin in the outer Ripper Pockets. Width up to 7.5m





900 Series – Features:

- **Double Tynes:**
Two Tynes set one in front of the other offer greater side load stability on wider Blade plow over 3.5m wide. A Ripper Pocket is provided that fits and welds to the rear side of the existing center pocket of the bull dozer ripper beam.
- **Bolt-On AR 400-500 Cutting Edges:**
Ripper Tynes with Counter Sink Plow Bolt Recess improves the holding duration of the bolts and permit ease of replacement when required.
- **Replaceable Cutting Coulter:**
Few blade plow manufactures consider the use of cutting coulter mounted in front of the tyne to cut debris and reduce debris accumulating around the front of the tyne. Savannah Global improves this concept with a reversible coulter that slopes from front to back to force debris to the ground and improve the cutting action of this feature.
- **Replaceable Penetration Points:**
Most Savannah® Blade (Root) Plows use CAT D8 and D10 Ripper Penetration Points that can be removed and replaced using a single pin.
- **CAT IV Working Beams:**
Work Beams with Single, Double or Triple Tyne Pockets are available to fit the larger track configured agriculture tractors.





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Savannah Model 925 Blade Plow shown mounted in the ripper of a Cat D8T. Below mounted on a John Deere 9530T Available with single, double, and triple work tool holder. Optimum use for removal of plantation grown tree stumps and root systems, when operated straddling the planting line.





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Equipment Options combined with Savannah® combined with Savannah 900 Series Blade Plows Improve the Productivity and Quality of most land clearing projects



Savannah Global makes a wide size range of Rotary Rakes that provide higher productivity and quality raking over conventional push rake methods.



Savannah Global also provides Multi Application Rakes as wide as 24ft or wider upon request..

Savannah Model 900 Range Specifications

Model Number	Width of Cut		Configuration Options	Net Weight lbs (kg)	Recommend Tractor hp
925	2.5m		Single Tyne		>275
930	3m		Single Tyne		>300
935	3.5m		Double Tyne		>300
940	4m		Double Tyne		>300
945	4.5m		Double Tyne		>400
925W	5m		Double Outside		
935W	6m		Double Outside		
940W	7m		Double Outside		



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DEALER INFORMATION