



# 400 Series Mounted Sub-Soil Plows



**Savannah<sup>®</sup>**

AGRO-FORESTRY SOLUTIONS



## Features:

- The heavy-duty lift system articulates and lifts with a large single pivot point for great durability, and locks in the “up” position for travelling comfort and safety.
- Magnum jump arm and disc configuration is designed to provide high tillage. Discs are set with less pitch allowing closer spacing, less drag, and greater cutting action.
- With less aggressive discs, fine tillage is achieved and provides a dense soil structure free of dirt clods and air pockets, without an additional packer or chopper roller.
- Each jump arm provides 36” of clearance under the disc for greater stump clearance and less wear on spindle and disc assemblies.
- Combines 2 – 5 disks with coulter and ripper to provide fully tilled bed with a center sub-soil from 45 cm up to 95 cm deep.



The Magnum 420 Mounted Sub-Soil Plow provides a high tilled 1.5m wide bed with an adjustable ripper designed for shallow 100% tillage or deep compacted soil sub-soiling. The disc configuration permits a better cutting action in debris and provides finer tillage, which assists in improved moisture and mineral retention, as well as herbaceous control. Runs on 180hp or greater dozers. “N” Model is a narrow version that cultivates 1.2m wide.



# Magnum 400 Plow

## Magnum mounted Sub-Soil Plow



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The Magnum 430N Mounted Sub-soil Plow has a “No Profile” tillage configuration. Discs are set with less pitch, allowing closer spacing, less drag, and greater cutting action. With less aggressive discs, fine tillage is achieved and provides a dense soil structure free of dirt clods and air pockets without an additional packer or chopper roller. The Magnum 430N has 1.6m working width.



The lift assembly lifts into the rear of the dozer so the center of gravity moves towards the dozer. This essential feature extends the life of undercarriage components. The Stump-Jump™ Relieving Disc System allows discs to roll over stump residuals without forcing the plow from the ground, maximizing tillage quality and minimizing wear on the plow components.

All Magnum models can be equipped with fertilizer units.

# Magnum 400 Plow

## Magnum mounted Sub-Soil Plow



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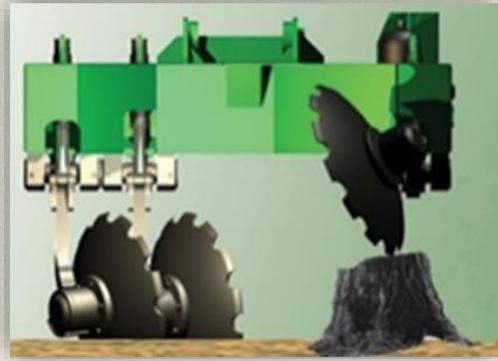


The Magnum 440 Mounted Sub-soil Plow provides a 2.3m wide well-defined bed over the rip-line. Runs on 250hp or greater dozers and, same as all the other Magnum 400 Plows, has mounts to add a packer or chopper roller to improve the compaction and density of heavy soils.



The abrasion resistant steel coulters mounted in front of the sub-tine eliminates chocking with roots and reduces pull force by 25%. The Savannah original ripper has hard changeable insert to ensure longer durability and easier maintenance





**High-Lift Magnum  
Jump Arm and  
Disc Configuration  
US Patent No. 6213220**

## Specifications:

- Heavy-Duty Magnum hubs and spindles, two 110mm bearings, and wear plates on hubs
- 2" x 13" swept-back sub-soil shank, adjustable from 16" – 26" (40.5 – 66cm) deep, with replaceable ripper point and choice of 10", 12", or 14" sub-soil wing
- 2.5-gallon accumulator connected to the Stump-Jump™ hydraulic relief system and lift system
- Two 5" x 24" lift cylinders with 2.5" shafts
- Heavy-Duty 48" coulter clears ripper path through heavy root mat and stumps
- High-Lift jump height of 36" total clearance
- Optional 26" packer or chopper roller





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Savannah Model Magnum 400 Series Specifications

Model Number	Width of Cut ft. (m)	Number of Discs	Recommended Horsepower	Net Weight lbs (kg)
420	5 (1.5)	2	190	9,900 (4,459)
420N	4 (1.2)	2	190	9,500 (4,020)
430	5 (1.5)	3	200	9,500 (4,020)
440	7.5 (2.3)	4	250	10,450 (4,750)
440N	6 (1.8)	4	250	
450	7.5 (2.3)	5	350	



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