



PATENTED US 10,349,586
PATENT PENDING
AU No. 2017202233
BR No. 102017007447-1

Model 1700 Series

Trailing Continuous Stump Puller





Savannah® Model 1700 Trailing Stump Puller revolutionizes plantation planted stump removal for crop, pasture or commercial development purposes.

The Model 1720 Stump Puller is designed to pull stumps in the 4-23" diameter range in varying soil conditions. The objective is to lift the stump so a Savannah Model 1200 Series Rotary Rake can pick and tumble every stump into windrows that are free of soil and burn or in-field grind optimally.

The Model 1720 is a patented design that uses (2) 2.4m 7.8 ft. Lifting Wheels mounted at an optimum geometry to grab and lift the stump and main root structure high enough to release from the soil for efficient raking.

The Model 1720 Stump Puller optimum pulling speed is 3-4.5 mph which may produce at a rate of 2.5-4 acres per hour based on row spacing.

Contractors using the Savannah Rotary Rake and Stump Puller Combination can convert land from post harvest residuals and stumps to stump free at a rate of 20-40 acres per day.

The optimum conversion process is:
1st Pass: Model 1200 Rotary Rake heavy debris
2nd Pass: Model 1700 Stump Puller
3rd Pass: Model 1200 Rotary Rake Stumps

The Model 1720 Stump Puller weighs 22,000 lbs.

Minimum Horsepower considerations:

- >210 hp Bull Dozers
- >350 hp Rubber Track
- >400 4WD Tractors
- >275 hp Skidders

Requirements vary with Stump Size, Root Structure and Soil Conditions and traction requirements of the pulling tractor.





The Model 1720 Stump Puller and Savannah Rotary Rake equipment combination is the most productive method of converting planted forest to stump free conditions. When used together it is possible to convert from post harvest to windrowed stumps at a rate of 20-40 acres per day with 2 tractors, 1 stump puller and 1 Rotary Rake

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Model 1720 Productivity Range

Speed Range		Tractor Options to Achieve Speed Range	Tractor Operating Capacity 100%		Equip Set Operating Capacity 75%	
mph	kph		Acre/Hr	Hectare/Hr	Acre/Hr	Hectare/Hr
2	3.2	D6N, CAT 535	2.5	1.0	1.9	0.8
2.5	4.0	D6N, CAT 535, D61	3.2	1.3	2.4	1.0
3	4.8	D6T, D61	3.8	1.5	2.9	1.2
3.5	5.6	JD 850J, JD948L, D85,D7E	4.5	1.8	3.3	1.4
4	6.4	Challenger 4WD 500hp Challenger Rubber Track 325hp, JD948L, D85, D7E	5.1	2.1	3.8	1.5
4.5	7.2	Challenger 4WD 500hp Challenger Rubber Track 325hp, JD948L	5.7	2.3	4.3	1.7
5	8.0	Challenger 4WD 500hp Challenger Rubber Track 325hp Case Quadtrac, 500hp	6.4	2.6	4.8	1.9
5.5	8.9	Case Quadtrac, 500hp	7.0	2.8	5.2	2.1
6	9.7	Case Quadtrac, 500hp	7.6	3.1	5.7	2.3
6.5	10.5	Case Quadtrac, 500hp	8.3	3.3	6.2	2.5
7	11.3	Case Quadtrac, 500hp	8.9	3.6	6.7	2.7

IMPORTANT PRODUCTIVITY VARIABLES

STUMP AVERAGE DIA. AT CUT	14-18"/35-45cm	SOIL CONDITIONS	Sandy, Loam
STUMP HEIGHT	6-10"/15-25cm	ROW SPACING	meter 3.2
ROOT STRUCTURE	5-6ft/1.5-1.8m Tap Roots	DEBRIS OVERSTUMPS	Moderate-High
STUMP MASS	50-70 kg	TRACTOR TRACTION	
		TRACTOR SPEED	

Rates shown above are not a warranty that this productivity can be achieved based on the tractors identified



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DEALER INFORMATION