Mechanical Pruning A Wholistic Approach to Harvesting



Power Trimmer

Harvesting Solutions for the World



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A Brief History at Littau



The caneberry and blueberry industry change drastically between the 1970's and the early 2000's.

- Farmers began running machines in bigger/more mature plants.
- 1990's and 2000's saw growth both in size and production capacity of farmers entering the Over-the-Row Harvester.
 - Larger cups to match growing capacity.
 - The ability to hold more fruit before offloading (higher volume).
 - Better quality results both picking and cleaning.
- 2009 Launched the ORXL
- 2011 First custom designed PT-11 (Power Trimmer)
- 2018 Larger scale industrial PT-18 (Power Trimmer)
- 2021 Integrated Cab with PT-21 (Power Trimmer)



What Are Your Top Expenses?



- 1. Harvest Labor
- 2. Pruning Labor
- 3. Chemicals
- 4. Mowing
- 5. Irrigation

Our Mission

To produce highly efficiency machinery, to decreased labor costs, and increase farm productivity!





Mechanical Pruning

- Decreased Labor Costs, up to 80%
- Increased productivity to help plants continue to increase density of fruiting shoots. Encourages growth due to a fractured cut end.
- Consistent height and shape of rows.
- Ability to prune and spray in one pass.
- Up-to 5 mph pruning speed, between 3-5 acres in an hour.
- Built-in mulching housing to produce a fine cut by-product.
- Pressurized Cab with charcoal filter.



Mulch By-Product



Power Trimmer 11 (V1)





Multi-Purpose Tractor



Transportation





Features

Cutting Speed	3-5 MPH
Road Speed	14 MPH
Weight	22,000 LBS (Dry)
Length	20'
Width	12'
Height	14'
Collapsed Height	11'
Engine	250HP 6.7L Cummir
Cutting Height	36"-118"
Cutting Width	24"-72" (up to 16°)
Revolution Feet/Minute	10,000 ft./min.
Tank Capacity	500 Gallons
Spray Configurations	Multi-Row or Single R







Included on a littau

- Advanced Auto-Level with Height Control.
- World class powertrain systems with limited-slip traction \checkmark control and failsafe static parking brake.
- Zero-turn steering capabilities to optimize row and headland spacing.
- ✓ State-of-the-art cleaner fan technology using 100% stainless steel impellers and housing for food-grade standards and longevity in harsh outdoor environments.
- Proprietary modular belt design for optimum cleaning and sorting with high-visibility coloring for visual inspection and hand sorting.

Turn Radius - Zero Turn





Maintenance Intervals

160 Gallon Diesel Tank

12.9 gallons per hour (while pruning)

Engine Oil and Filter Every 100 Hours

Fuel Filters Every 300 Hours

Hydraulic Filter (drive pump) Every 500 Hours or at the beginning of the Season (whichever occurs first)

Hydraulic Filter (top of tank) Every 1100 Hours or at the beginning of the Season



Longevity

- Our machines have been tried and tested in the field since the 60's.
- Run on trusted engines and industry leading hydraulic components.
- We use stainless steel and mild steel construction in the main frame instead of aluminum and plastics.
- Where fruit touches the machine stainless steel and high-grade plastics are used for food safety, cleanliness, and longevity.
- We use food grade oils in the hydraulics and practical controls to make it easy for any crew to run the harvester.





H ITTAU HARVESTER Building Harvesting Solutions for the World



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