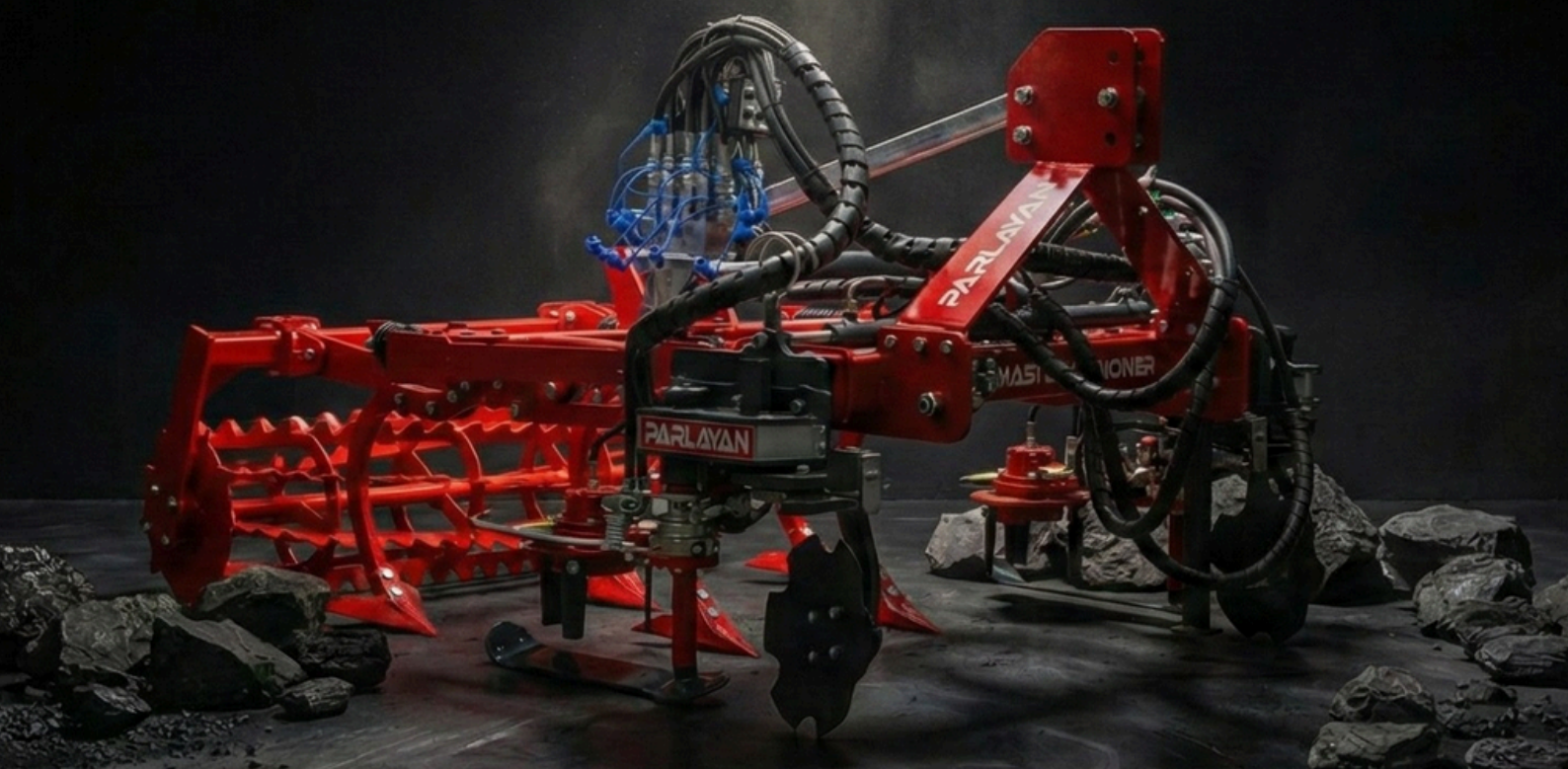
PARLAYAN

AGRICULTURAL MACHINERY



www.parlayan.com.tr


BAŞKAL KARDEŞLER
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PARLAYAN

Parlayan Tarım
Agricultural Machinery

Parlayan Agricultural Machinery, the foundation of which was laid in 1967 by Hacı Mustafa ZINGIL, has took over the leadership from Hacı Mustafa Bey to the second generation today. The flag, now taken over by A. Nuri ZINGIL and Eray ZINGIL, is being carried forward without compromising the philosophy of honesty and quality.

With years of experience in Agricultural Tools, Plant Protection Tools, and Equipment, Parlayan Agricultural Machinery offers extensive product range in the field of Plant Protection, providing support to farmers worldwide with Field Sprayers, Turbo Atomizers, and Garden Atomizers, contributing to the development of agricultural mechanization and plant protection.

Since 1967, Parlayan Agricultural Machinery has been serving its customers with enthusiasm for always producing better and higher quality, maintaining integrity, and with its productive and experienced team.

The raw materials and spare parts used in our products are sourced from some of the world's leading companies, ensuring certified and high-quality products.

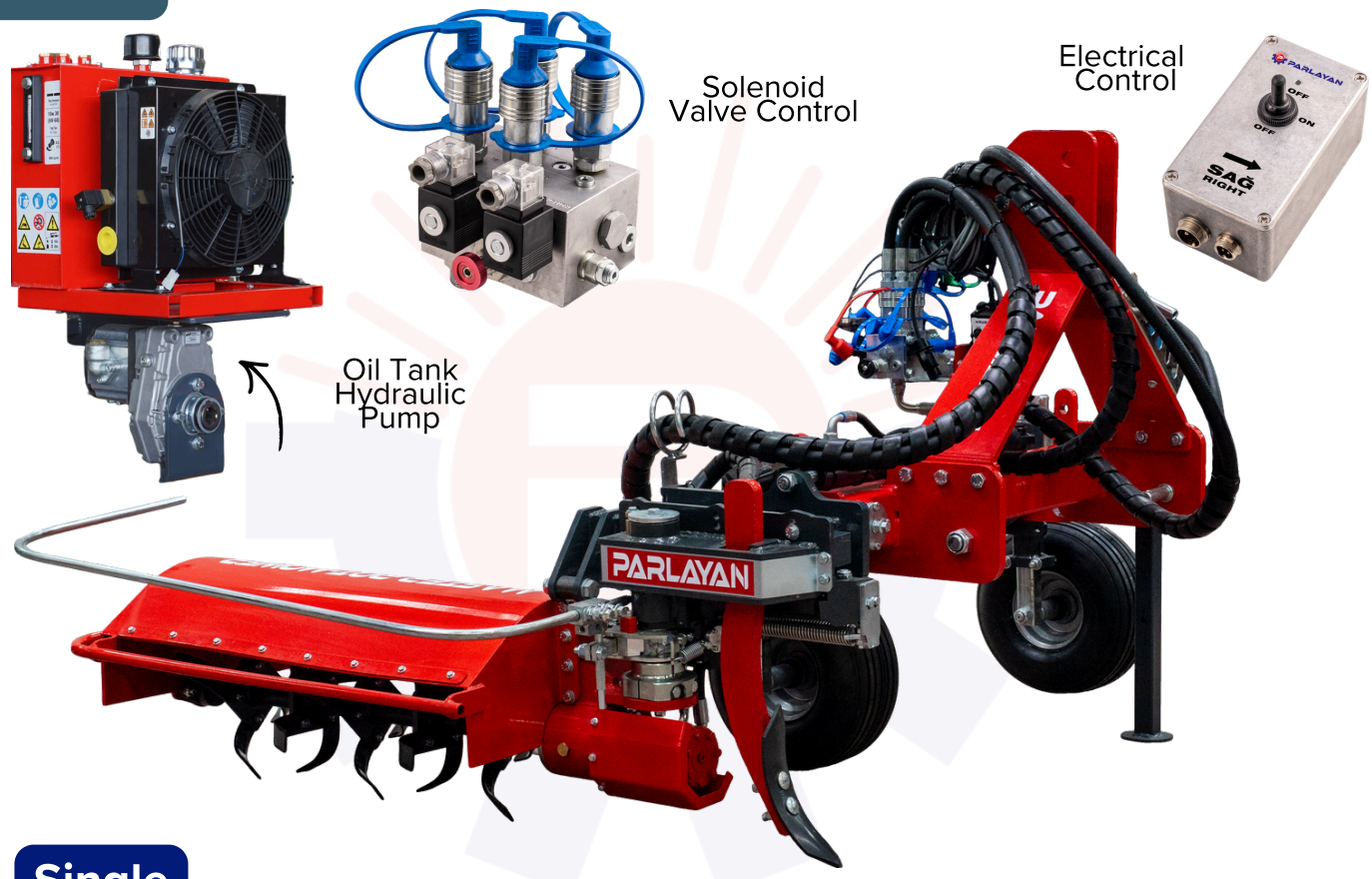
We would like to express our gratitude to everyone who has contributed to our journey as Parlayan Agricultural Machinery.



PARLAYAN

Orchard

Options



Single

Master Rot Mower

Ultimate Precision in Soil Pulverization

Designed for cultivating the base of trees in fruit orchards, the Parlayan Master Rot Mower offers the most effective solution for soil fragmentation. Thanks to its horizontal rotavator blade structure, this machine doesn't just touch the soil; it transforms it.

The distinct advantage of the Master Rot Mower is its superior ability to shatter the soil. Powerful blades operating on a horizontal axis pulverize the soil, breaking it down to its finest particles. This is widely recognized as the best and most efficient method for soil tillage. This fine and loose soil texture allows tree roots to breathe more easily while maximizing water permeability.

Delivering unique performance specifically around the trunks of fruit trees, the Master Rot Mower also effectively clears unwanted weeds by shredding them at the root. For obtaining a smooth ground surface in your orchard while maintaining tree health, the Master Rot Mower is the professional's choice.

Technical Sheet

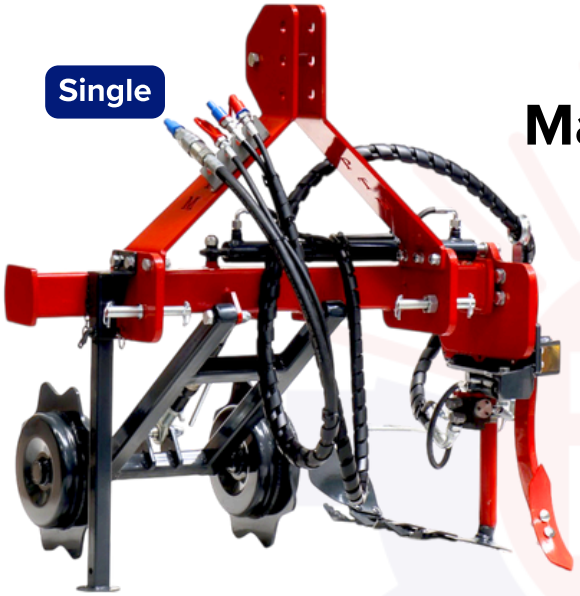
	Minimum Working Width	Maximum Working Width	Width	Height	Depth	Weight	Tractor Power
Short	2570mm	3110mm	1750mm	1550mm	1670mm	300kg	40hp
Long	2970mm	3510mm	2150mm	1550mm	1670mm	320kg	40hp

PARLAYAN

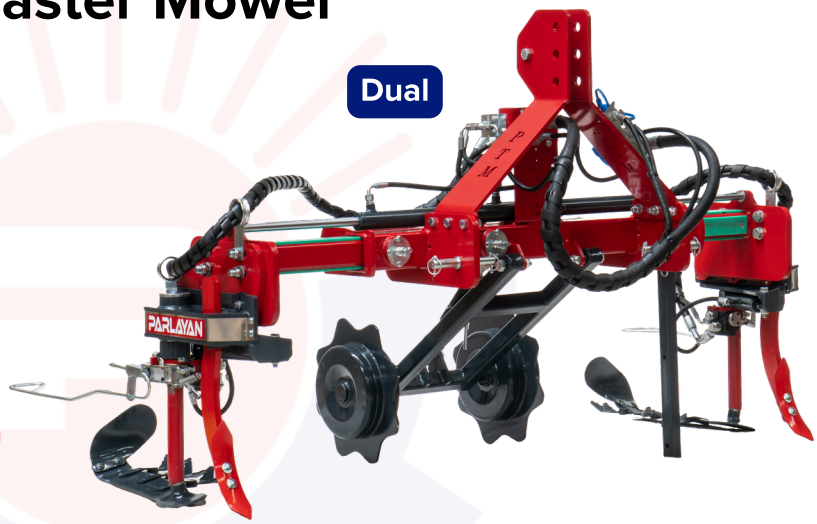
Vineyard

Single

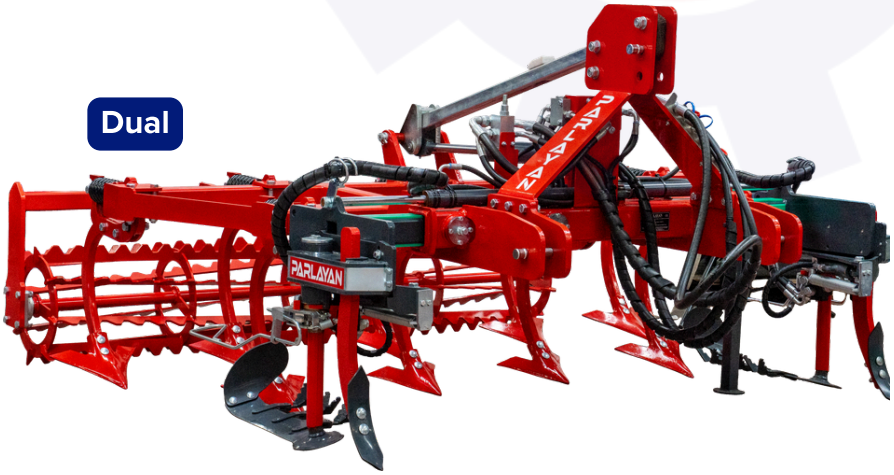
Master Mower



Dual



Dual



Master Co-Mower

Single Dual

Technical Sheet

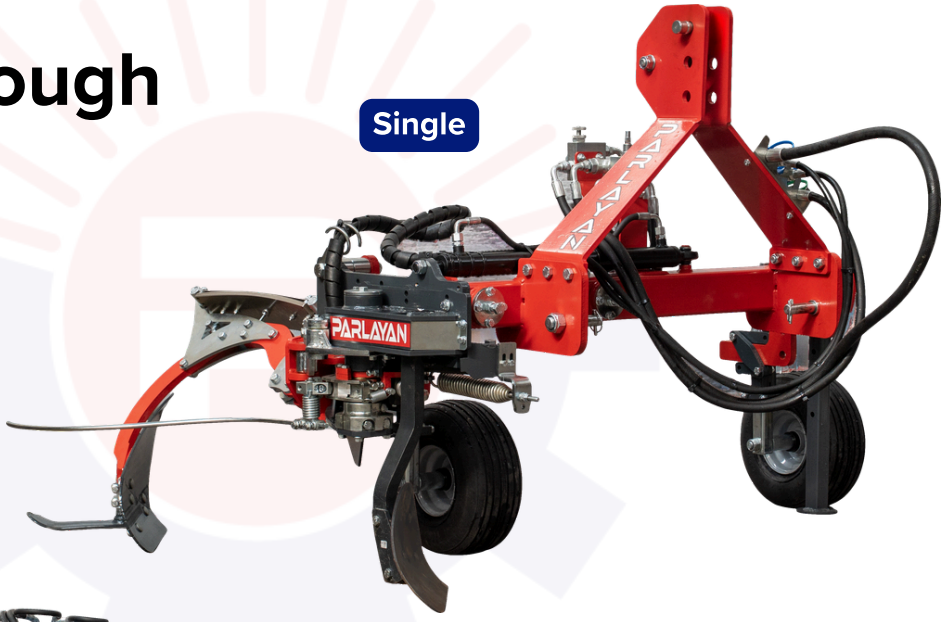
	Number of Blades	Minimum Working Width	Maximum Working Width	Width	Height	Depth	Weight	Tractor Power
Short	1	1485mm	2020mm	1200mm	1310mm	1020mm	210kg	65hp
Standard	1	1830mm	2370mm	1550mm	1310mm	1020mm	230kg	65hp
Long	1	2230mm	2770mm	1950mm	1310mm	1020mm	250kg	65hp
Short	2	2100mm	3200mm	1250mm	1310mm	1020mm	340kg	65hp
Standard	2	2450mm	3550mm	1600mm	1310mm	1020mm	360kg	65hp
Long	2	2850mm	3950mm	2000mm	1310mm	1020mm	380kg	65hp
5		2450mm	3550mm	1720mm	1310mm	2390mm	650kg	65hp
7		2450mm	3550mm	2200mm	1310mm	2390mm	725kg	65hp
9		2450mm	3550mm	2200mm	1310mm	2390mm	775kg	65hp

Vineyard

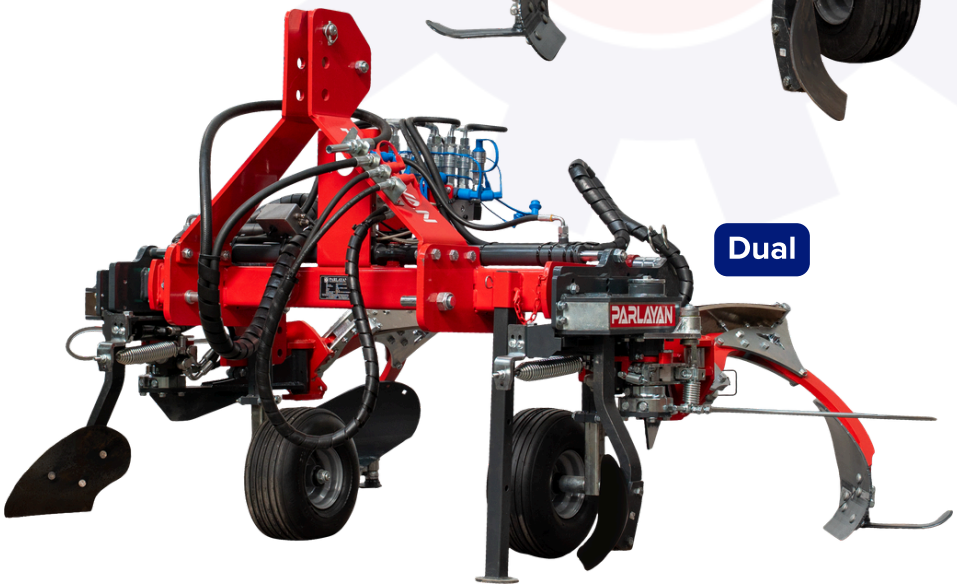
PARLAYAN

Master Plough Mower

Single



Dual



Single Dual

Technical Sheet

	Number of Blades	Minimum Working Width	Maximum Working Width	Width	Height	Depth	Weight	Tractor Power
Short	1	1485mm	2020mm	1350mm	1310mm	1520mm	250kg	65hp
Standard	1	1830mm	2370mm	1700mm	1310mm	1520mm	270kg	65hp
Long	1	2230mm	2770mm	2050mm	1310mm	1520mm	290kg	65hp
Short	2	2100mm	3550mm	1750mm	1310mm	1520mm	390kg	65hp
Standard	2	2700mm	3900mm	2100mm	1310mm	1520mm	410kg	65hp
Long	2	2850mm	4250mm	2450mm	1310mm	1520mm	430kg	65hp

PARLAYAN

Options



Solenoid
Valve Control

Electrical
Control





Oil Tank
Hydraulic
Pump



Options

Master Co-Mower

Automatic Hoeing Machine

Cultivator **Dual** **5** **7** **9**

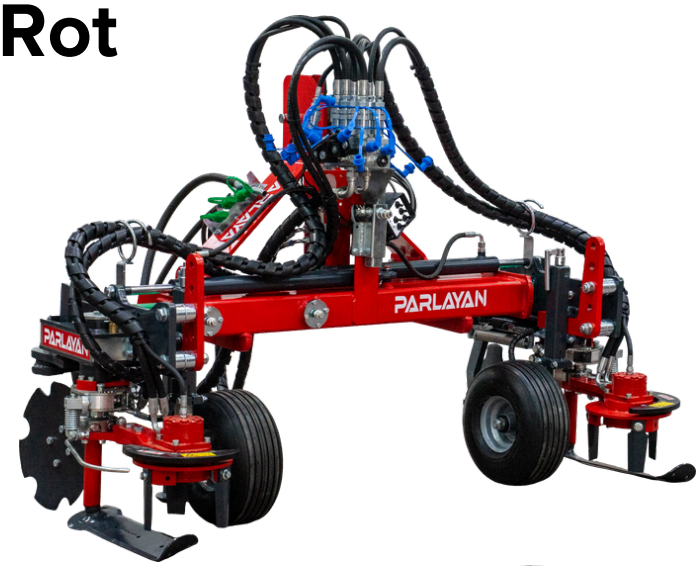
Parlayan Agricultural Machinery Dual-Sensor Hoeing Machine offers high efficiency and precision in vineyard maintenance. Equipped with sensors on both the right and left sides, it can hoe both sides of the vineyard rows simultaneously. Additionally, with the cultivator attachment, it can till the middle section of the vineyard, providing comprehensive soil preparation. Its hydraulic structure allows easy adjustment of the working width, while special blades aerate the soil, promoting root development and removing weeds. The dual-sensor system detects vineyard posts or tree roots, automatically retracting the blades to prevent damage, ensuring safe and efficient hoeing. This innovative technology saves time and labor costs while contributing to the healthy growth of vineyards.

PARLAYAN

Vineyard

Master Mower V-Rot





Master Co-Mower V-Rot





Options

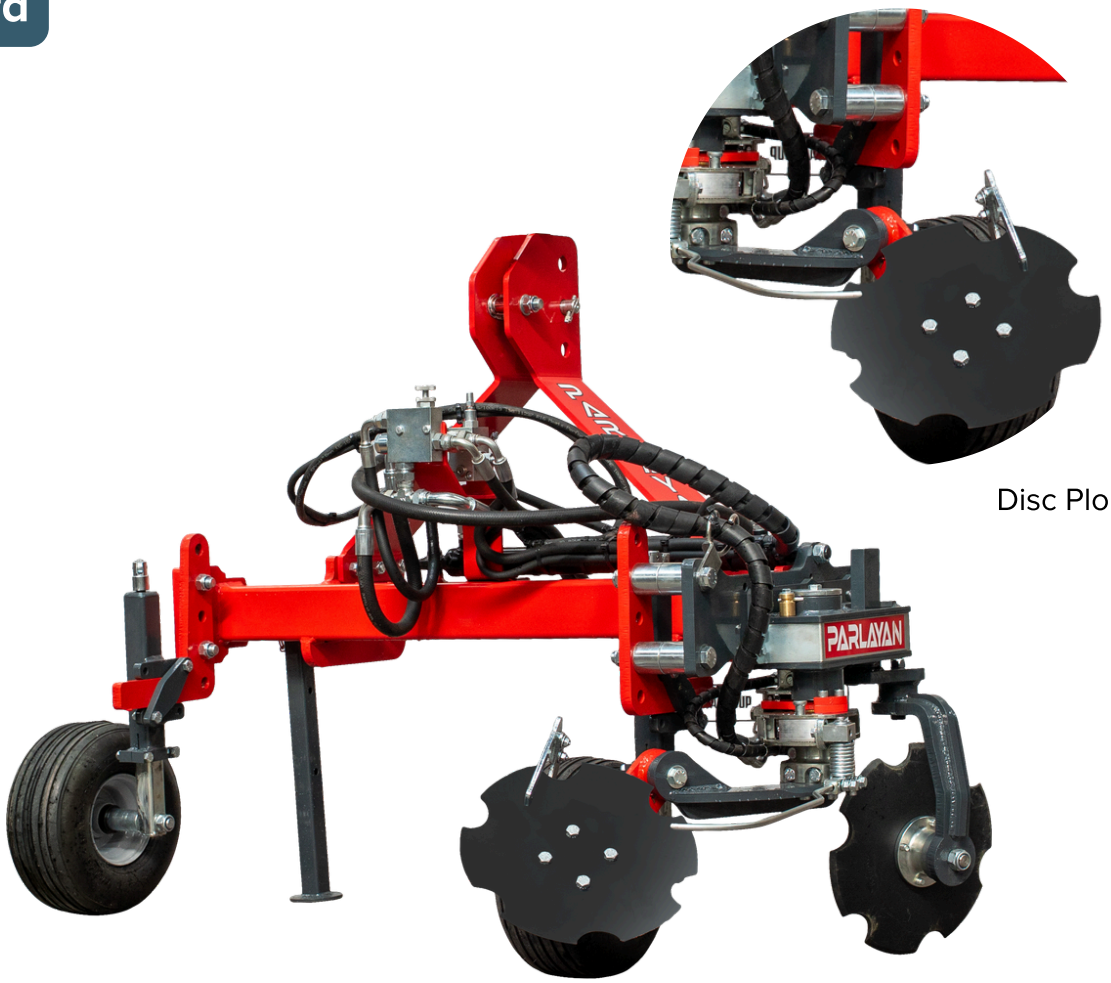
Oil Tank
Hydraulic
Pump

Technical Sheet

	Number of Blades	Minimum Working Width	Maximum Working Width	Width	Height	Depth	Weight	Tractor Power
Short	1	1485mm	2020mm	1200mm	1310mm	1020mm	240kg	65hp
Standard	1	1830mm	2370mm	1550mm	1310mm	1020mm	260kg	65hp
Long	1	2230mm	2770mm	1950mm	1310mm	1020mm	280kg	65hp
Short	2	2100mm	3200mm	1250mm	1310mm	1020mm	400kg	65hp
Standard	2	2450mm	3550mm	1600mm	1310mm	1020mm	420kg	65hp
Long	2	2850mm	3950mm	2000mm	1310mm	1020mm	440kg	65hp
5		2450mm	3550mm	1720mm	1310mm	2390mm	710kg	65hp
7		2450mm	3550mm	2200mm	1310mm	2390mm	785kg	65hp
9		2450mm	3550mm	2200mm	1310mm	2390mm	835kg	65hp

PARLAYAN

Vineyard



Disc Plough

Master Disc Plough Mower

Technical Sheet

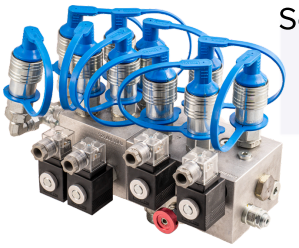
	Number of Blades	Minimum Working Width	Maximum Working Width	Width	Height	Depth	Weight	Tractor Power
Short	1	1850mm	2250mm	1350mm	1310mm	1120mm	240kg	65hp
Standard	1	2200mm	2600mm	1700mm	1310mm	1120mm	260kg	65hp
Long	1	2600mm	3000mm	2100mm	1310mm	1120mm	280kg	65hp
Short	2	2250mm	3200mm	1750mm	1310mm	1120mm	400kg	65hp
Standard	2	2600mm	3000mm	2100mm	1310mm	1120mm	420kg	65hp
Long	2	2950mm	3350mm	2450mm	1310mm	1120mm	440kg	65hp

Vineyard

PARLAYAN

Master Co-Mower V-Rot

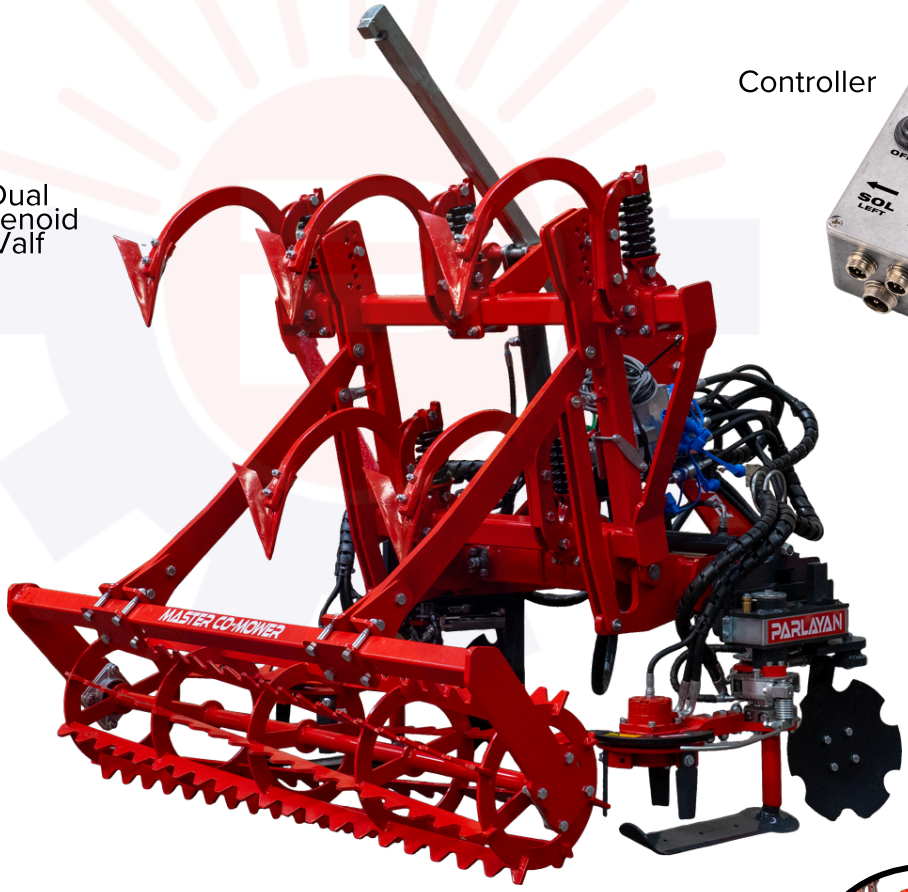
Options



Dual Solenoid Valf

Controller





Options



Oil Tank Hydraulic Pump

Vertical Rotovator



Parlayan Master vRot Mower delivers thorough soil tillage with its innovative vertical axis design. Operating on both sides simultaneously, it provides significant time and fuel savings for your orchard.

It perfects the soil in a single pass through a two-stage process:

- Pre-Preparation & Cutting: A sensor-equipped front blade safely navigates around trees, breaking the ground and uprooting coarse weeds.
- Fine Tillage & Mixing: A vertical rotavator with three specially angled blades immediately follows, pulverizing the loosened soil and weeds into a fine, cotton-soft powder.

This powerful combination effortlessly clears the most stubborn weeds, ensuring no spot in your orchard is left untouched.

PARLAYAN

Vineyard

Single Trimmer



Dual Trimmer



Master Cleaner

Weed Cutter

Combating unwanted weeds at tree bases and between rows has never been this safe and effective. The Parlayan Master Cleaner utilizes specially developed high-speed string technology to shred and remove weeds right from the base, without causing any damage to tree trunks.

Offering a natural and powerful alternative to chemical herbicides, Master Cleaner prevents weeds from competing for essential water and nutrients. This ensures your trees derive maximum benefit from the soil. The result? More vibrant, durable, and high-quality crops with greater market value.

We offer two configurations tailored to your orchard's needs:

- **Parlayan Master Cleaner (Single):** A compact solution for narrow spaces and tree bases requiring precise maneuvering.
- **Parlayan Master Cleaner (Double):** The high-performance model that cleans tree bases on both sides of the row in a single pass, providing significant savings on time and labor in large orchards.

Technical Sheet

	Number of Trimmer	Minimum Working Width	Maximum Working Width	Width	Height	Depth	Weight	Tractor Power
Short	1	2100mm	2650mm	1180mm	1250mm	1620mm	200kg	65hp
Short	2	3250mm	4325mm	1495mm	1250mm	1620mm	330kg	65hp
Standard	1	2450mm	3000mm	1530mm	1250mm	1620mm	220kg	65hp
Standard	2	3600mm	4675mm	1845mm	1250mm	1620mm	350kg	65hp
Long	1	2850mm	3400mm	1930mm	1250mm	1620mm	240kg	65hp
Long	2	4000mm	5075mm	2245mm	1250mm	1620mm	370kg	65hp

PARLAYAN

Vineyard



Dual

Single

Options



2 Disc



3 Disc

72cm(28")
For Friable Soil

54cm(21")
For Hard Soil

Master Star Mower

Dual Power in Soil Tillage: Hoeing and Mowing Combined

The Parlayan Master Star Mower combines hoeing and weed mowing into a single, efficient pass for vineyards and orchards. Front discs till the soil and shred weeds, while rear star rollers pulverize and level the ground. This 2-in-1 action improves soil aeration, water retention, and root growth, perfectly prepping your land.

Technical Sheet

	Number of Finger Weeder	Minimum Working Width	Maximum Working Width	Width	Height	Depth	Weight	Tractor Power
Short	1	1250mm	1800mm	1250mm	1325mm	1450mm	280kg	65hp
Short	2	1600mm	2700mm	1600mm	1325mm	1450mm	380kg	65hp
Standard	1	1600mm	2150mm	1600mm	1325mm	1450mm	300kg	65hp
Standard	2	1960mm	3040mm	1960mm	1325mm	1450mm	400kg	65hp
Long	1	2000mm	2550mm	2000mm	1325mm	1450mm	320kg	65hp
Long	2	2360mm	3440mm	2360mm	1325mm	1450mm	420kg	65hp

PARLAYAN

Vineyard

Single







Dual



Options

2,3,5 Discs

Master Disc Mower

Cutting-Edge Power in Soil Tillage

The Parlayan Master Disc Mower utilizes specialized rotating discs and precision sensors to safely cultivate soil around trunks without causing damage. Instead of merely scraping, it cuts and shreds the earth for superior weed control and aeration. Customizable in 2-disc, 3-disc, single, or double-sided configurations, it perfectly crumbles the soil to boost water retention and maximize your yield.

Technical Sheet

		Disc Pcs	Minimum Working Width	Maximum Working Width	Width	Height	Depth	Weight	Tractor Power
Short	Single	2	1600mm	2150mm	1150mm	1200mm	990mm	225kg	65hp
	Dual	2	2300mm	3450mm	1450mm	1200mm	990mm	370kg	65hp
	Single	3	1750mm	2260mm	1150mm	1200mm	1200mm	296kg	65hp
	Dual	3	3000mm	3710mm	1450mm	1200mm	1200mm	386kg	65hp
Standard	Single	2	1940mm	2500mm	1500mm	1200mm	990mm	245kg	65hp
	Dual	2	2670mm	3750mm	1790mm	1200mm	990mm	390kg	65hp
	Single	3	2120mm	2660mm	1500mm	1200mm	1200mm	316kg	65hp
	Dual	3	3350mm	4110mm	1790mm	1200mm	1200mm	406kg	65hp
Long	Single	2	2340mm	2900mm	1900mm	1200mm	990mm	265kg	65hp
	Dual	2	3070mm	4150mm	2200mm	1200mm	990mm	410kg	65hp
	Single	3	2520mm	3060mm	1900mm	1200mm	1200mm	336kg	65hp
	Dual	3	3750mm	4510mm	2200mm	1200mm	1200mm	426kg	65hp

PARLAYAN








EXCELLENT
HOEING

PARLAYAN



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