PARLAYAN

AGRICULTURAL MACHINERY



www.parlayan.com.tr

Parlayan Tarım Agricultural Machinery

Parlayan Agricultural Machinery, the foundation of which was laid in 1967 by Hacı Mustafa ZINGIL, has inherited the flag 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 and plant protection equipment, Parlayan Agricultural Machinery offers an extensive product range in the field of plant protection. The company supports farmers worldwide with field sprayers, turbo atomizers, and garden atomizers, contributing to the advancement 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.

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Fan

1 Adjust. Pitch Fan + Fixed Pitch Fan





2 Adjust. Pitch Fan + Adjust. Pitch Fan





Inspired by the flawless aerodynamics of owl wings, this innovative fan system perfectly captures and directs the air. This special structure, which minimizes losses during the process of air mixing with the chemical spray, provides maximum spraying efficiency without compromising on performance.

1. Increases Airflow
2. Increases Airflow

Technical Sheet

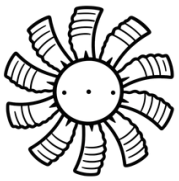
Width 123cm **Height** 124cm **Depth** 56cm

Size	HP	Nozzle	Blade
800mm	> 50	8+8	10
900mm	> 60	8+8	10
1000mm	> 70	8+8	10



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



Aluminum Hub Clutch Fan



Blade Angle
25° - 35° - 45°

PARLAYAN





Angled Fan

1 Adjust. Pitch Fan + Fixed Pitch Fan





2 Adjust. Pitch Fan + Adjust. Pitch Fan





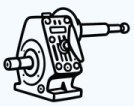
Developed specifically for orchards, this model directs the airflow to the precise target with its innovative angled fan structure. Thanks to its optimized aerodynamic design, it utilizes air pressure much more effectively, maximizing the air intake capacity. It elevates spraying efficiency to the highest level by ensuring the spray mixture penetrates the dense foliage and reaches the deepest parts of the tree without any loss. Thus, it saves both time and chemicals while providing flawless protection for fruit trees.

1. Increases Airflow
2. Increases Airflow

Technical Sheet

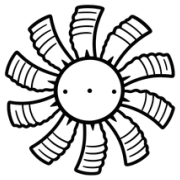
Width 129cm **Height** 111cm **Depth** 46cm

Size	HP	Nozzle	Blade
800mm	> 50	8+8	10
900mm	> 60	8+8	10
1000mm	> 70	8+8	10



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



Aluminum Hub Clutch Fan



Blade Angle
25° - 35° - 45°

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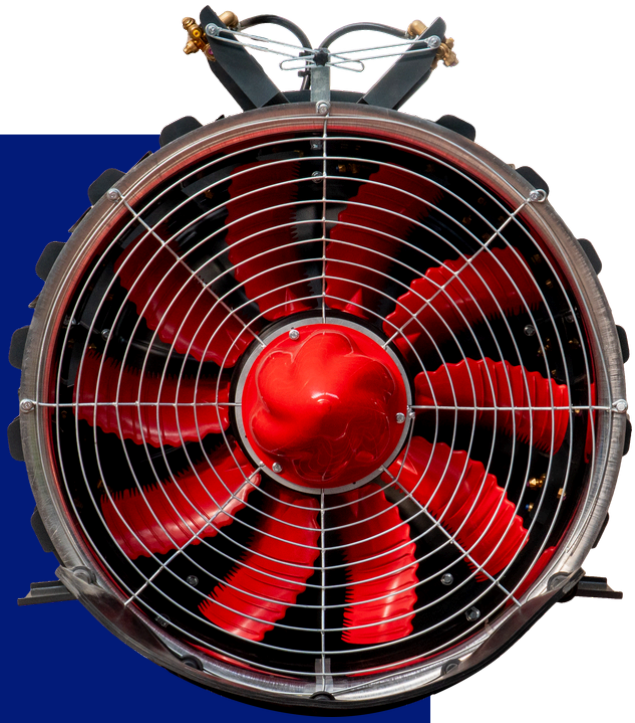




1 Increases Airflow

Aero Fan

1 **Adjust. Pitch Fan**

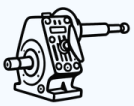


As one of the largest and most powerful models in its class, Aero Fan is engineered to deliver superior performance across expansive agricultural fields. Its 100 cm fan diameter maximizes air intake power, allowing the spray to penetrate across significantly greater distances. This high thrust capacity increases the working width, enabling larger areas to be treated effectively in a single pass. With Aero Fan, you both streamline operational time and achieve comprehensive protection across every inch of your land.

Technical Sheet

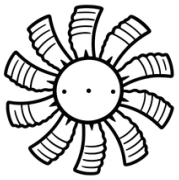
Width 132cm **Height** 112cm **Depth** 75cm

Size	HP	Nozzle	Blade
800mm	> 50	8+8	10
900mm	> 60	8+8	10
1000mm	> 70	8+8	10



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



Aluminum Hub Clutch Fan



Blade Angle
25° - 35° - 45°

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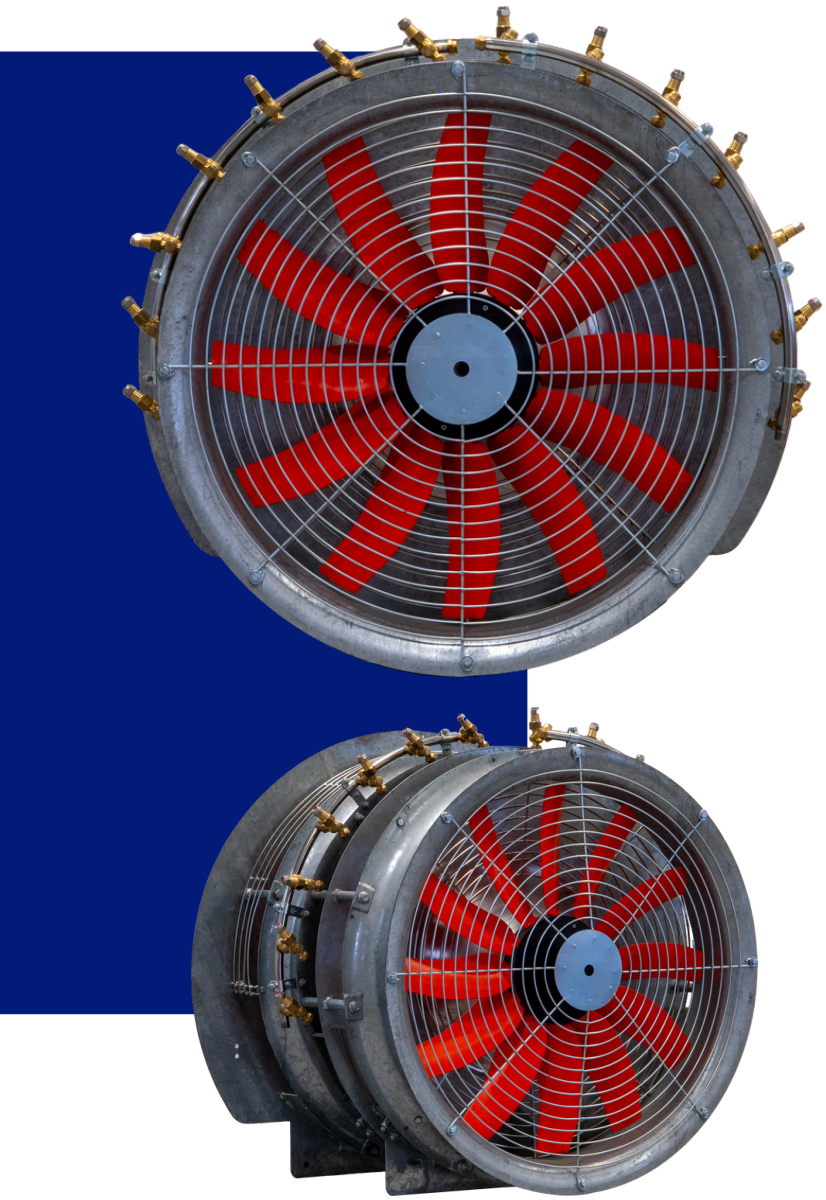
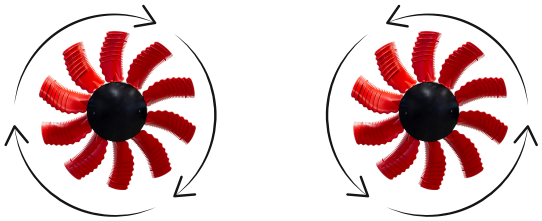


Dual Fan

1 Adjust. Pitch Fan + Adjust. Pitch Fan



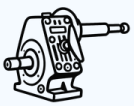
Specially developed for orchards, this model directs the airflow to the precise target with its innovative angled fan structure. Thanks to its optimized aerodynamic design, it utilizes air pressure far more effectively, maximizing intake capacity. By ensuring the spray penetrates the dense canopy and reaches the innermost parts of the tree without loss, it elevates spraying efficiency to the highest level. Thus, it saves both time and agrochemicals while delivering complete protection for fruit trees.

1 Increases Airflow

Technical Sheet

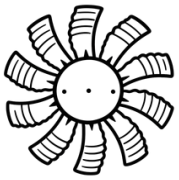
Width 117cm **Height** 105cm **Depth** 70cm

Size	HP	Nozzle	Blade
800mm	> 50	8+8	10
900mm	> 60	8+8	10
1000mm	> 70	8+8	10



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



Aluminum Hub
Plastic Prop



Blade Angle
25° - 35° - 45°

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Tower Oval Fan

1 Adjust. Pitch Fan + Fixed Pitch Fan





2 Adjust. Pitch Fan + Adjust. Pitch Fan





Specially developed for vineyards, this fan design is optimized to deliver precision spraying for low-profile vines. Thanks to its specialized air-directing system, it ensures the spray penetrates directly into the grape clusters and leaves without environmental drift. This targeted direct-spraying technology significantly reduces chemical waste while maximizing efficacy on the crop.

Technical Sheet

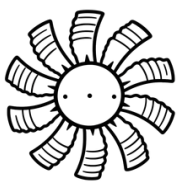
Width 1390cm **Height** 1150cm **Depth** 48cm

Size	HP	Nozzle	Blade
800mm	> 50	8+8	10
900mm	> 60	8+8	10
1000mm	> 70	8+8	10



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



Aluminum Hub Clutch Fan



Blade Angle
25° - 35° - 45°

PARLAYAN





Low Tower Fan

1 Adjust. Pitch Fan + Fixed Pitch Fan





2 Adjust. Pitch Fan + Adjust. Pitch Fan



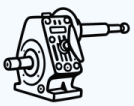


Specially developed for vineyards, this fan design is optimized to deliver precision spraying for low-profile vines. Thanks to its dedicated air-deflector system, it ensures the spray penetrates directly into grape clusters and foliage without drift losses. This targeted application technology substantially prevents chemical waste while maximizing crop protection efficacy.

Technical Sheet

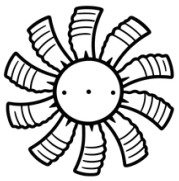
Width 1390cm **Height** 1150cm **Depth** 48cm

Size	HP	Nozzle	Blade
800mm	> 50	8+8	10
900mm	> 60	8+8	10
1000mm	> 70	8+8	10



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



Aluminum Hub Clutch Fan



Blade Angle
25° - 35° - 45°

PARLAYAN





High Tower Fan

1 Adjust. Pitch Fan + Fixed Pitch Fan





2 Adjust. Pitch Fan + Adjust. Pitch Fan



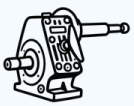


Specially designed for tall fruit trees, this fan model is engineered to deliver maximum spraying performance even at the most challenging heights. Thanks to its 2-meter tower structure, it ensures the spray reaches the uppermost canopy of the tree with high pressure and uninterrupted coverage. With this specialized design, demanding spraying operations in tall orchards become significantly easier and highly efficient.

Technical Sheet

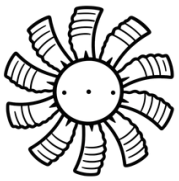
Width 1300cm **Height** 2000cm **Depth** 50cm

Size	HP	Nozzle	Blade
800mm	> 50	8+8	10
900mm	> 60	8+8	10
1000mm	> 70	8+8	10



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



Aluminum Hub Clutch Fan



Blade Angle
25° - 35° - 45°

PARLAYAN





Reverse Intake Fan

1 Adjust. Pitch Fan



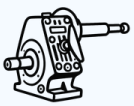
Perfectly suited for vineyard and orchard spraying, this model delivers high performance under demanding working conditions. Thanks to its specialized enclosed structure, it minimizes external air intake, strictly preventing debris and foreign particles from being drawn into the machine. While protecting the equipment, this design never compromises on the powerful air pressure required during application. Ultimately, it extends the service life of your machine while ensuring a continuous, high-pressure spraying experience for your crops.

1 Increases Airflow

Technical Sheet

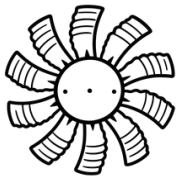
800mm	**Width** 123cm	**Height** 108cm	**Depth** 55.5cm
900mm	**Width** 123cm	**Height** 114cm	**Depth** 55.5cm

Size	HP	Nozzle	Blade
800mm	> 50	8+8	10
900mm	> 60	8+8	10
1000mm	> 70	8+8	10



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5

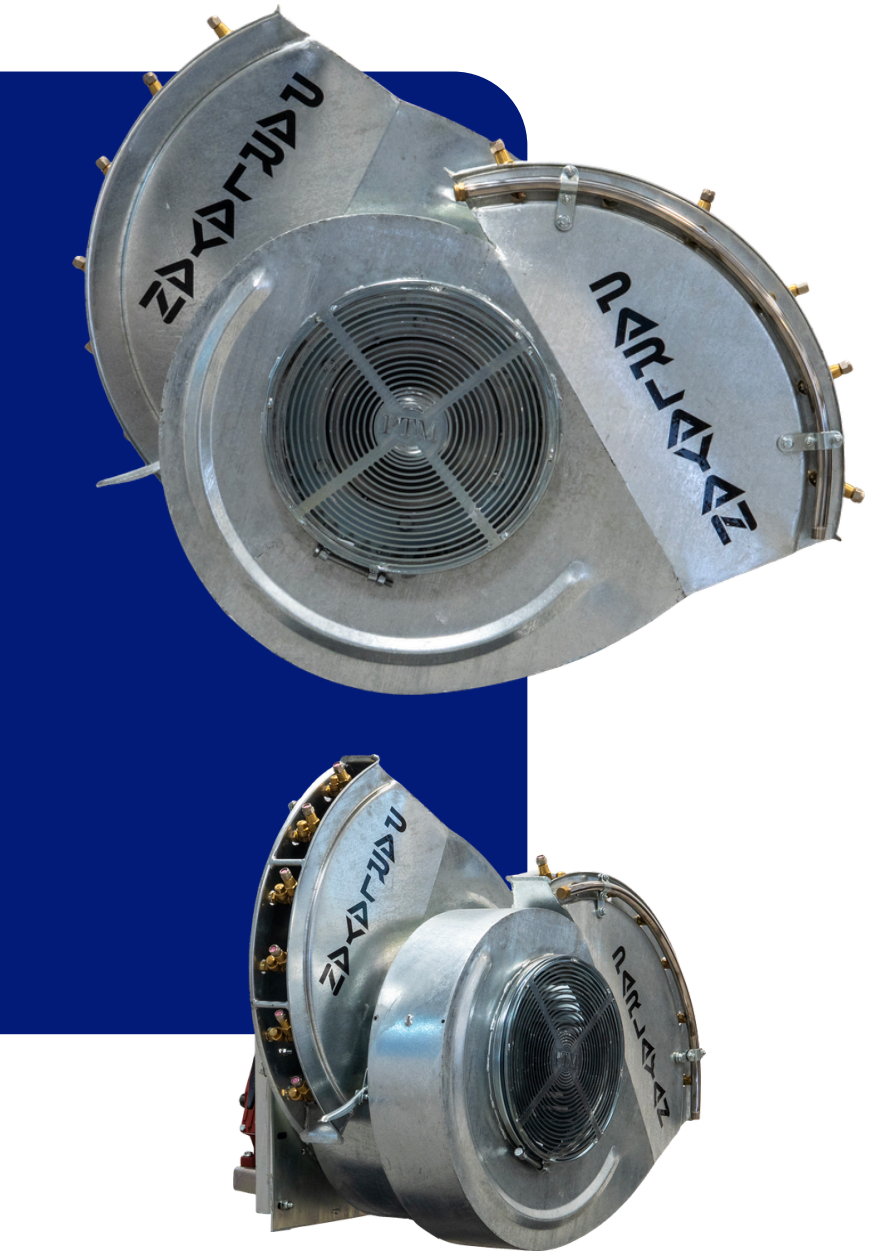


Aluminum Hub
Plastic Prop



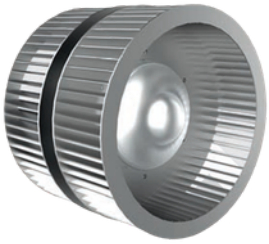
Blade Angle
25° - 35° - 45°

PARLAYAN



Dual Turbine Centrifugal Fan

1 Turbine Fan

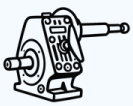


The Parlayan Tarım Aletleri centrifugal fan series is specially developed to deliver maximum efficiency in tree and orchard spraying. Thanks to its innovative volute design, it draws air in much more powerfully, generating a high-pressure and strong airflow. This powerful application technology ensures the spray mixture penetrates effectively into even the uppermost and innermost parts of the tree.

Technical Sheet

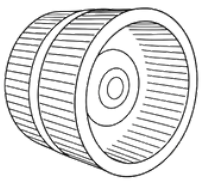
Width 87cm **Height** 94cm **Depth** 54cm

Size	HP	Nozzle
440mm	> 50	6+6



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



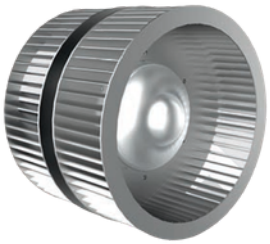
Aluminum Hub Clutch Centrifugal Fan

PARLAYAN



Centrifugal Unit With Cannon With Hydraulic Movement

1 Turbine Fan

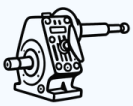


Designed to save time and labor in field spraying operations, this system stands out with its 180-degree rotating head structure. During the turning maneuver at the end of the row, the spout is directed to the opposite side, allowing the spraying process to continue uninterrupted. This practical mechanism significantly reduces operational time while increasing the area coverage capacity in a single pass. It allows you to save time and achieve maximum working width in large agricultural fields.

Technical Sheet

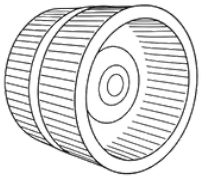
Width 100cm **Height** 240cm **Depth** 45cm

Size	HP	Nozzle
440mm	> 50	8



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



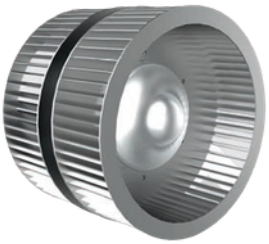
Aluminum Hub Clutch Centrifugal Fan

PARLAYAN



Centrifugal Unit With Cannon With Hydraulic Movement

1 Turbine Fan

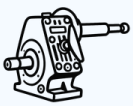


Designed to save time and labor in field spraying operations, this system stands out with its 90-degree rotating body structure. During the turning maneuver at the end of the row, the spout is directed to the opposite side, allowing the spraying process to continue uninterrupted. This practical mechanism significantly reduces operational time while increasing the area coverage capacity in a single pass. It allows you to save time and achieve maximum working width in large agricultural fields.

Technical Sheet

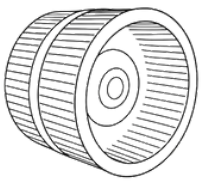
Width 120cm **Height** 240cm **Depth** 54cm

Size	HP	Nozzle
440mm	> 50	6+6



Gearbox

PTO (rpm)	540
Vel 1	1:3,5
Vel 2	1:4,5



Aluminum Hub Clutch Centrifugal Fan

PARLAYAN



Silent Propeller

Inspired by the aerodynamics of owl wings, these special fan blades are developed to perfectly capture and direct airflow. Thanks to its innovative structure that minimizes friction on the blade surface, it operates at much lower noise levels compared to standard fans. In addition to its quiet operation, this unique blade design propels the air much more powerfully, minimizing energy losses during the air and chemical mixing process. Especially in fields close to residential areas, it offers environmentally friendly and quiet operation without compromising on high performance.

Technical Sheet

Size	HP	Blade
800mm	> 50	10
900mm	> 60	10
1000mm	> 70	10

Aluminum Hub
Clutch Fan

Blade Angle
25° - 35° - 45°

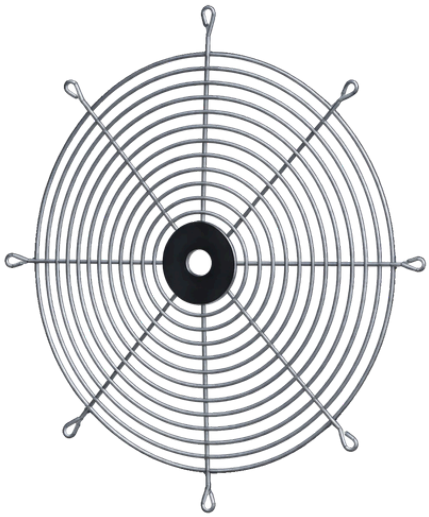
PARLAYAN



Braglia M82 Nozzle



Braglia M75 Nozzle



Fan Guard



Fan Housing

800mm, 900mm, 1000mm



Upper Air Deflector



Air Deflector



Air Deflector Vane

PARLAYAN

AGRICULTURAL MACHINERY



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