



PiyaDeep

Enterprises



“Empowering Packaging Industry with Fruit Protection Machines, EPE Foam Net & Leno Bag Solutions, along with Premium Fruit Protection Bags & High-Grade Paper Rolls (Inner/Outer).”



Mr. Deepak Singh Parihar
Founder & CEO

About PiyaDeep Enterprises

We are a fast-growing and trusted company engaged in supplying high-quality industrial, agricultural, and machinery-related products across India. We are committed to providing durable products, competitive pricing, and reliable customer support to meet the evolving needs of businesses and industries.

With a strong vision of quality and innovation, Piya Deep Enterprises focuses on delivering efficient solutions that combine modern technology with practical industry requirements. Our company believes in professionalism, timely delivery, and long-term customer satisfaction.

From product quality to after-sales support, we ensure excellence at every step while building a strong reputation based on trust, commitment, and performance.

Mr. Deepak Singh Parihar is a dynamic entrepreneur and visionary business leader committed to delivering innovation, quality, and trust in the field of industrial and agricultural solutions. With a strong focus on customer satisfaction and modern business strategies, he has established Piya Deep Enterprises as a reliable name in machinery, trading, and industrial supply services.

Under his leadership, the company is continuously expanding with advanced technology, genuine products, and professional service support. His mission is to provide affordable, high-quality, and future-ready solutions that help businesses and customers grow with confidence.

Driven by dedication, transparency, and excellence, Deepak Singh Parihar believes in building long-term relationships through trust, performance, and customer-first service.

WHY CHOOSE PIYADEEP ENTERPRISES?

- ❖ Trusted & Professional Business Partner
- ❖ Premium Quality Products & Services
- ❖ Competitive Pricing with Genuine Solutions
- ❖ Strong Customer Support & Assistance
- ❖ Timely Delivery Across India
- ❖ Focused on Innovation & Business Growth
- ❖ Reliable After-Sales Service
- ❖ Customer Satisfaction is Our Priority

2ZG-6Q High-Speed Transplanter

The 2ZG-6Q is a high-speed, ride-on agricultural machine designed for professional rice transplanting. It utilizes advanced hydraulic systems and electronic balancing mechanisms to ensure high productivity and precise planting in paddy fields.

The 2ZG-6Q is a highly capable machine for mechanized rice farming. Its ability to achieve up to 630 holes per minute makes it significantly faster than manual methods or lower-tier equipment. The use of a Longxin gasoline engine combined with the HST transmission makes it reliable for long-duration field work. The multiple options for acupoint distance (ranging from 100 mm to 210 mm) provide farmers with the flexibility to adjust planting density based on specific crop requirements.

Major Advantages

- **High-Speed Operation:** Designed as a ride-on unit, it delivers high-efficiency planting with an operating speed of up to 1.65 m/s.
- **Precision Planting:** Features a rotary-type planting arm and an adjustable acupoint mechanism, allowing for versatile hole spacing and planting depth (10–55 mm).
- **Hydraulic Control:** Equipped with a Hydraulic Speed Change (HST) system, which provides smooth control and operator ease during varied field conditions.
- **Advanced Stability:** Utilizes an electronic balancing mechanism to maintain stability during operation, ensuring uniform planting depth.
- **Robust Mobility:** Specifically engineered for paddy terrain, featuring a combination of rubber lugged front wheels (φ650 mm) and rear wheels (φ950 mm) for optimal traction.

Feature	Specification
Model	2ZG-6Q High-Speed Transplanter
Engine	Longxin LC2V80FD (Gasoline, 18 kW @ 3600 r/min)
Planting Capacity	6 lines
Operating Speed	0.28 – 1.65 m/s
Productivity	0.6 hm ² /h
Fuel Consumption	4.8 kg/hm ²
Planting Depth	10 – 55 mm
Acupoint Spacing	100/120/140/160/180/210 mm (7 adjustable gears)
Transplanting Frequency	270 – 630 holes/min
Machine Weight	350 kg
Dimensions (L x W x H)	3255 × 2080 × 2420 mm



SW-320 Fruit Protection Bag Making Machine

The SW-320 Fruit Protection Bag Making Machine is a high-performance industrial solution designed for manufacturing protective fruit bags with precision and efficiency. Widely used in modern agriculture, these bags help shield fruits from insects, diseases, dust, harsh weather, and chemical exposure during the growing process.

Engineered with advanced automation technology, the machine ensures high-speed production, accurate bag sizing, and consistent quality, making it ideal for large-scale fruit packaging applications.

Product Applications

- Protective covering for mangoes, apples, pomegranates, guavas, pears, and other fruits
- Orchard farming and commercial fruit cultivation
- Protection against pests, insects, and environmental damage
- Safe fruit development during growing and harvesting stages
- Export-quality fruit packaging solutions

Core Features

- **Fully Automated Bagging System** Ensures smooth and continuous production with minimal manual intervention.
- **Precision Manufacturing** Delivers uniform bag dimensions and clean finishing for professional-quality output.
- **Intelligent Material Handling** Efficient feeding and handling system for stable production performance.
- **Environmental Protection Support** Helps reduce external contamination and supports healthier fruit growth.

Specification	SW-220	SW-320	SW-420
Layer Capacity	1–2 Layers	1–2 Layers	1–2 Layers
Bag Width	100–200 mm	150–250 mm	150–320 mm
Bag Length	140–220 mm	180–320 mm	250–400 mm
Machine Power	1.5 KW	2.2 KW	2.2 KW
Voltage	220V / 380V	380V	380V
Machine Weight	800 Kg	1000 Kg	1500 Kg
Gluing System	Automatic Temperature Control	Automatic Temperature Control	Automatic Temperature Control
Wire Type	Automatic	Automatic	Automatic
Production Speed	200–800 pcs/min	300–600 pcs/min	200–600 pcs/min

Key Advantages

Improved Fruit Quality

Protects fruits from damage, discoloration, and contamination for better market value.

Reduced Pesticide Usage

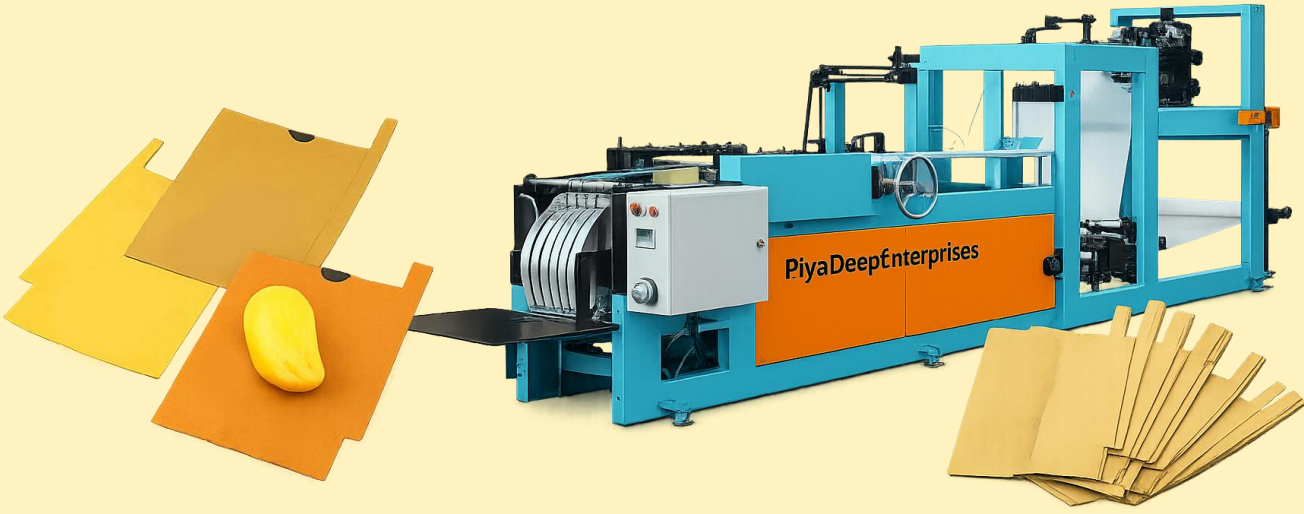
Minimizes the need for excessive chemical spraying by providing physical protection.

Increased Crop Yield

Supports healthier fruit growth and reduces product loss during cultivation.

Labor Cost Reduction

Automation lowers manpower requirements and improves operational efficiency.



SW-S3-T4 Crop Cover Manufacturing Machine

The SW-S3-T4 Crop Cover Manufacturing Machine is specially engineered to produce premium-quality nonwoven crop cover fabrics designed for modern agriculture. These breathable and lightweight covers help farmers safeguard crops against harsh weather, insects, and environmental stress while supporting healthier and faster plant growth.

Built with precision technology and efficient production capability, this machine delivers consistent fabric quality, energy-efficient performance, and reliable output for large-scale agricultural applications.

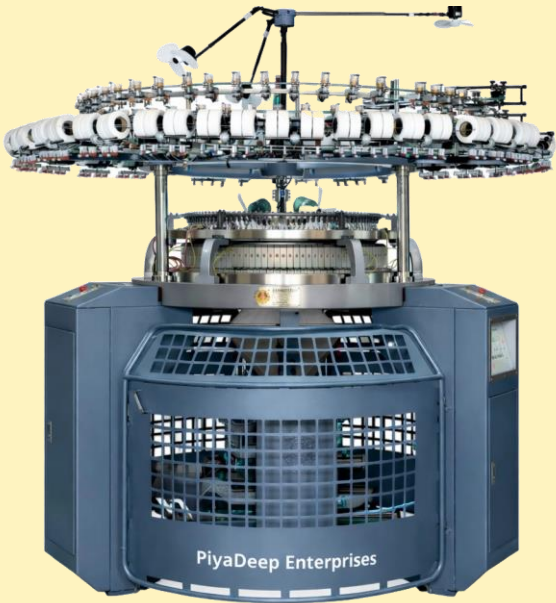
Why Crop Covers Matter

- Protect crops from insects, pests, and plant diseases
- Minimize damage caused by extreme weather conditions
- Maintain balanced temperature and moisture levels
- Improve water conservation and reduce irrigation needs
- Support eco-friendly and sustainable farming practices
- Enhance crop productivity and overall farm efficiency

Key Applications

- Crop protection for vegetables, fruits, and field crops
- Nursery and seedling protection for early-stage growth
- Agricultural transportation and storage covering solutions
- Temporary greenhouse and tunnel farming structures
- Seasonal farming and climate-sensitive cultivation projects

Specification	Details
Model	SW-S3-T4 Crop Cover Machine
Available Sizes	6.5 ft, 8 ft, 10 ft, 12 ft, 15 ft
Cylinder Diameter	24" x 68"
Gauge Range	15G – 44G
Feeder Capacity	72F – 272F
Operating Speed	16 – 30 RPM
Power Requirement	5.5 HP – 7.5 HP
Production Capacity	50 – 60 Kg/hr



Key Advantages

High Productivity

Delivers stable and efficient production output for continuous manufacturing operations.

Cost-Effective Performance

Reduces operational and maintenance costs while maximizing production efficiency.

Superior Fabric Quality

Produces durable, breathable, and lightweight crop cover fabrics with excellent consistency.

Cost-Effective Performance

Reduces operational and maintenance costs while maximizing production efficiency.



Leno Bag Making Machine

The Leno Bag Making Machine is an advanced industrial system designed for the automated production of high-quality PP leno mesh bags. Widely used in agricultural and industrial packaging, these bags provide excellent ventilation, durability, and strength for storing and transporting products such as onions, potatoes, garlic, firewood, and other bulk materials.

Built with precision engineering and high-speed automation, the machine ensures consistent bag quality, reduced labor dependency, and efficient large-scale production.

Challenges with Traditional Methods

- Slow and labor-intensive manual operations
- Inconsistent bag quality and stitching accuracy
- Difficulty in producing breathable yet durable mesh bags at scale
- Limited support for customized bag designs and sizes
- Higher production costs and reduced efficiency

Smart Fully Automated Solution

- **Fully Automated Processing** Performs weaving, cutting, stitching, and finishing operations with high precision.
- **High-Speed Production** Ensures faster manufacturing with stable and reliable output quality.
- **Durable Bag Structure** Produces strong, ventilated mesh bags suitable for heavy-duty packaging applications.
- **Industrial-Grade Performance** Designed for continuous operation with low maintenance requirements.

Major Advantages

Improved Production Efficiency

Automation significantly increases production speed while reducing manual work.

Superior Product Quality

Ensures uniform stitching, accurate sizing, and consistent finishing.

Cost-Effective Manufacturing

Reduces labor costs and minimizes material wastage.



EPE Foam Net / Fruit Net Manufacturing Machine

The EPE Foam Net / Fruit Net Manufacturing Machine is developed to produce high-quality protective foam nets used for packaging fruits, glassware, and other delicate products. Designed with advanced extrusion technology, the machine ensures smooth production, superior cushioning performance, and consistent product quality for modern packaging industries.

With high-speed operation and precision engineering, this machine helps manufacturers achieve greater productivity while delivering lightweight, durable, and shock-resistant foam nets.

Main Features

- Advanced extrusion technology for uniform foam net production
- High-efficiency butane injection system for better foam expansion
- Automatic hydraulic net-changing system for continuous operation
- Precision mould and die head assembly for accurate net shaping
- Air-cooling barrel system for stable production performance

Specification	Details
Machine Type	EPE Foam Net / Fruit Net Machine
Production System	Automatic High-Speed Operation
Cooling Method	Air Cooling Barrel System
Control System	PLC & Electric Control Panel
Net Processing	Traction & Automatic Cutting
Injection System	Butane & GMS Injection Technology
Operation	Continuous Industrial Production

Applications

- Protective packaging for apples, mangoes, oranges, pears, and other fruits
- Cushion packaging for glass bottles and fragile products
- Industrial packaging solutions for delicate materials
- Export-quality fruit protection during transportation and storage
- Retail and wholesale fruit packaging industries



Key Advantages

Superior Fruit Protection

Provides excellent cushioning to protect fruits from scratches and damage during handling and transport.

Enhanced Product Quality

Maintains the freshness, appearance, and market value of fruits.

Shock Absorption Performance

Soft foam structure absorbs impact and reduces breakage risk.

Reduced Product Damage

Minimizes bruising and pressure marks during packaging and shipping.





“Transforming the Packaging Industry with Innovative Fruit Protection Machines, Premium EPE Foam Net & Leno Bag Solutions, High-Quality Fruit Protection Bags, and Durable Inner/Outer Paper Roll Solutions — ensuring superior safety, freshness, and protection for every product.”

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