

GREENHOUSE INNOVATION
AUTOMATED FROM THE TOP

The Domain:

- Agricultural greenhouses are covered with Polyethylene sheets
- The sheets should be replaced every 2-5 years
- Deploying a cover is a crucial activity that serves as a prerequisite for other cultivating activities

The Challenges:

- Sheet deployment is labor intensive (10-16 workers), hard and dangerous
- Skilled workforce demand is exceeding the global supply
- Mistakes in deployment create crop losses and significant damages
- Sheet performance depends heavily on quality of deployment
- Used sheets need to be collected properly for plastic recycling

Global Greenhouse Market: 30 Billion USD Annually



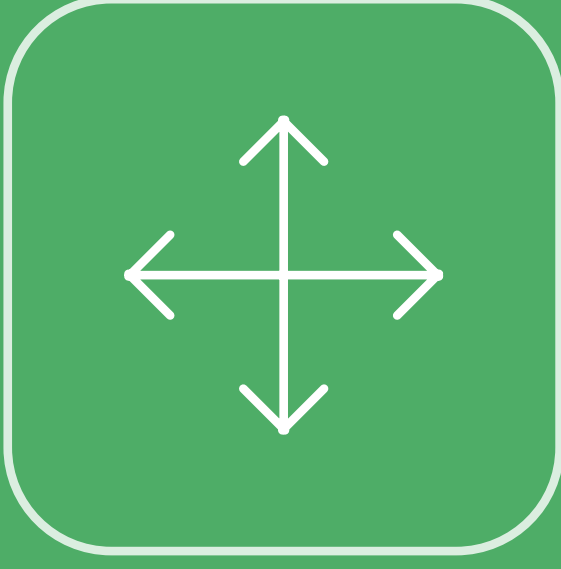
OUR SOLUTION



Automated solution that performs the task in a faster and safer way



Designed for customer needs



Mobile and adjustable for various greenhouse geometries



Can be delivered between sites



Serves multiple farmers



Can be operated by smaller teams (1-4 workers)

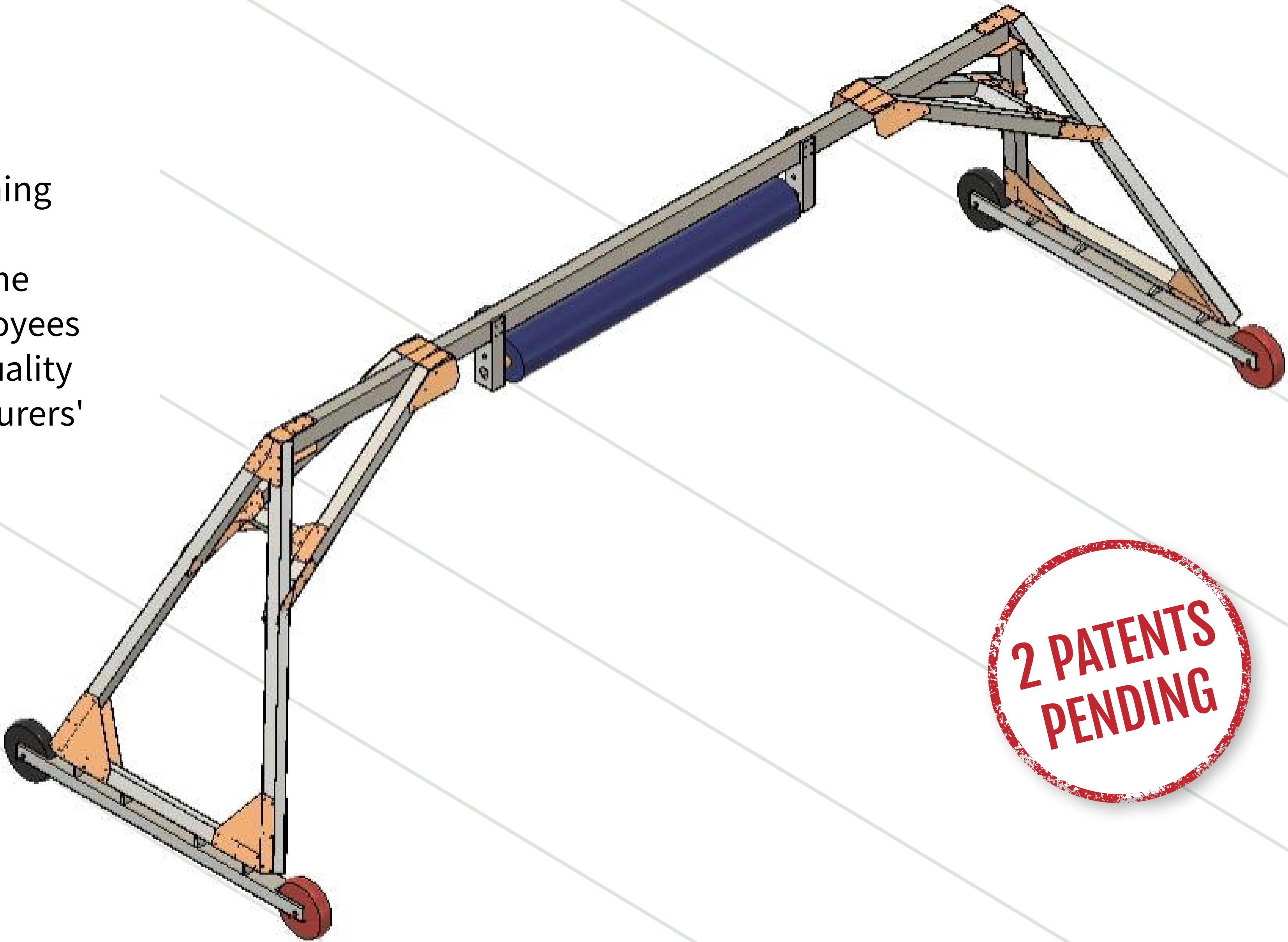


Saves up to 6% sheet waste

\$
Reduces 75% of operational costs

THE PRODUCT

A robot for spreading, stretching & securing plastic sheets on greenhouse tops. The machine reduces the number of employees needed, and increases the quality of deployment per manufacturers' standard



2 PATENTS PENDING

PLANS FOR PRE-SEED ROUND

Private Funding: 500,000USD	Gov. Funding: 750,000USD	Milestone: Remote Deployment
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Proud to be awarded!
An investment by The Israel Innovation Authority
רשות החדשנות
Israel Innovation Authority

INDUSTRY DESIGN PARTNERS:	- Plastic Film Companies - Greenhouse Construction Companies - Aluminum Companies	 
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OUR TEAM

We are Coming from the field, literally!

Our founding team is a mix of industry veterans from agriculture, industrial mechanics and software professionals. We know we have the right formula to help farmers grow better crops.



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