

TAAT e-catalog for government

Combine Harvesters for Wheat and Fleet Management tool

Efficient Harvesting, Smarter Fleet Management

The combine harvester is a modern agricultural machinery designed to perform multiple harvesting operations as threshing, gathering, and winnowing, all in a single process. Available in various sizes, its suitable for crops like wheat, maize, rice, soybean, barley, sunflower, and more.



Combine harvester operating in Sudan



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This technology is **TAAT1 validated**.

8.8



Scaling readiness: idea maturity
8/9: level of use 8/9

Technology from

ProPAS

Commodities

Maize, Rice, Wheat, Soybean

Sustainable Development Goals

Gender assessment



Climate impact





Problem

- Traditional manual harvesting is time-consuming and demands significant labor.
- Conventional threshing methods are slow and risk potential grain loss.
- Manual separation of grain from chaff is inefficient, leading to impurities.
- Older methods may have limited capacity, resulting in slower operations.

Solution

- Combine harvesters automates the harvesting process, reducing the need for manual labor.
- Its offers threshing mechanisms, minimizing grain loss during harvesting.
- Its incorporate separation technologies, ensuring effective grain separation and reducing impurities.
- · Help to increases harvesting capacity.

ZERO HUNGER



Categories

Harvest, Equipment, Land preparation

Best used with

 Contract mechanization <u>apps ></u>

Key points to design your project

Combine harvesters and fleet management offer transformative solutions to challenges in traditional grain harvesting by minimizing yield losses. Integrating this technology involves:

- Evaluating unit sizes and costs, considering sources.
- Training, communication support, and
- Collaboration with agricultural institutes.



Tested & adopted
Adopted
Tested

Cost: \$\$\$ 12,000— 500,000 USD

35 % Reduced harvest losses

Unit of combine harvesters

56-63 USD

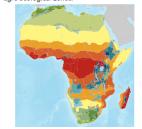
harvesting unit cost per Ha

QIP

Unknown

Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Farmer

