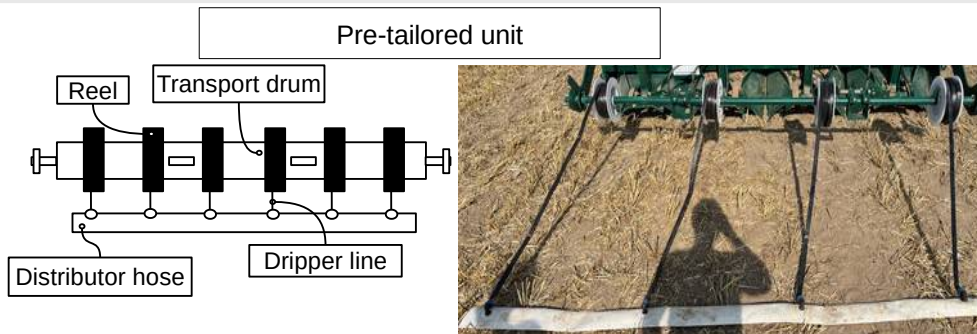


SLS-DripperInstall



Description:

A new approach for installation of drip lines via pre-tailored units:

- The drip lines are already connected to the main supply line via end fittings.
- The length is precisely adapted to the field geometry.
- The machine installation paths can be opened and closed as needed.
- Units can be picked up via a swivel arm or alternatively placed by using a tele handler.

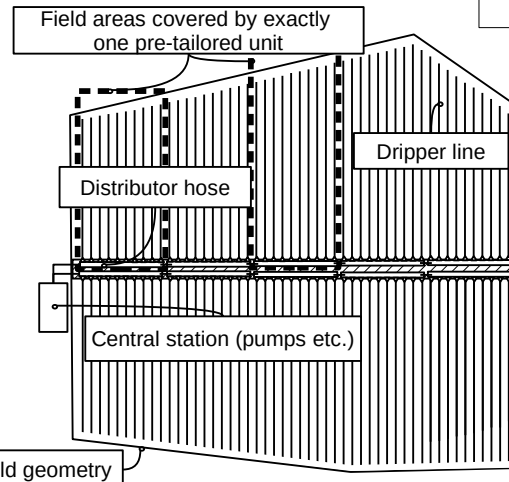


Deep subsurface installation

Installation on or close to surface



Plug-in system of pre-tailored unit



Goal:

- Simplified insertion of rolls into the machine
- Easier routing of hoses
- Prevention of hose cutting at the end of rows
-

Advantages:

- No need to touch any drip line or any drip line reel by hand in the field.
- Integrated planning system for hydraulic properties of the irrigation in combination with path planning for the field works and crop rows.
- Projections show drastic reduction in labor requirements for field installation; Example: from 18,4 to 3,2 labor hours for a 4-hectare field.
- High flexibility for additional options, e.g., site-specific drippers.



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