Service Motor Case Planter Row Unit Show Stand

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Service Motor: Dale, Wisconsin

Problem Statement
• Service Motor wants a way to show off the new Case IH 2000 series row unit within the dealership
• They want customers to be able to operate row unit with the Pro 700 monitor while on the show stand

Objectives
• To display the Case IH 2000 series row unit
• To have the ability for potential customers to operate row unit with monitor
• The show stand must be able to roll around the show floor

Constraints
• Budget- All funds must be approved by Service Motor
• Timeline- Must be completed by graduation
• Materials- Case Row unit, and Metal
• Requirements- Mobile, user friendly
• Criteria to be met- Row unit is functional with monitor, high quality
• The show stand must be able to roll around the show floor

Scope
• To have a high-quality show stand that is able to run the row unit with Pro 700 monitor

Methods/Approach
• Traveled to Case Ag Information Center to learn how the row unit and the pro 700 operates together
• Developed multiple show stands on Inventor
• Showed client 3 show stands created and narrowed down to one final stand

Major Deliverable
• Have developed a show quality fully operational show stand

Recommendations
• To have future show stands to be made lighter
• To use bolt on units instead of using U-bolts