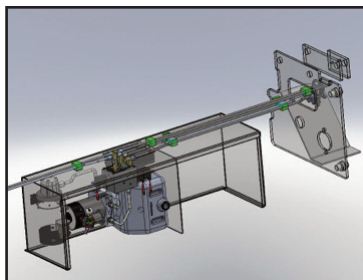
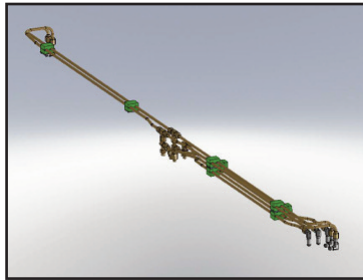


Tube & Weld

Tube Design Made Easy

Problem: Customer has 3D software but required help with tube routing.

Solution: Mid-State utilized its extensive library of 3D adapters and components to effectively and efficiently route the proper tube assemblies from port to port. The tubes are clamped together in a sub-assembly as an extra measure to lower the production time required by the customer.



Result: Mid-State saved the customer hours of design time utilizing our product knowledge. The customer will also realize eventual production savings due to Mid-State's involvement in the beginning design phase.

Customer: *Liftgate Manufacturer*

- Beading
- Bending
- Brazing (Torch)
- Brazing (Induction)
- Flaring (JIC & ORFS)
- Machining
- Welding (TIG)
- Welding (Orbital)
- Packaging
- Finishes & Coatings
- System Design
- Testing (Impulse & Burst)
- Testing (Particle Count)

Engineering support

Hydraulic tube assemblies provide:

- ✓ Higher working pressures
- ✓ Simplified assembly
- ✓ Lower labor costs
- ✓ Reduced leak points



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