

Bulk Granular Formulation Loading System for Helicopter Hoppers



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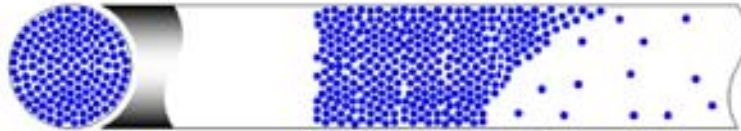
Conveying Granular Formulations

Dilute Phase



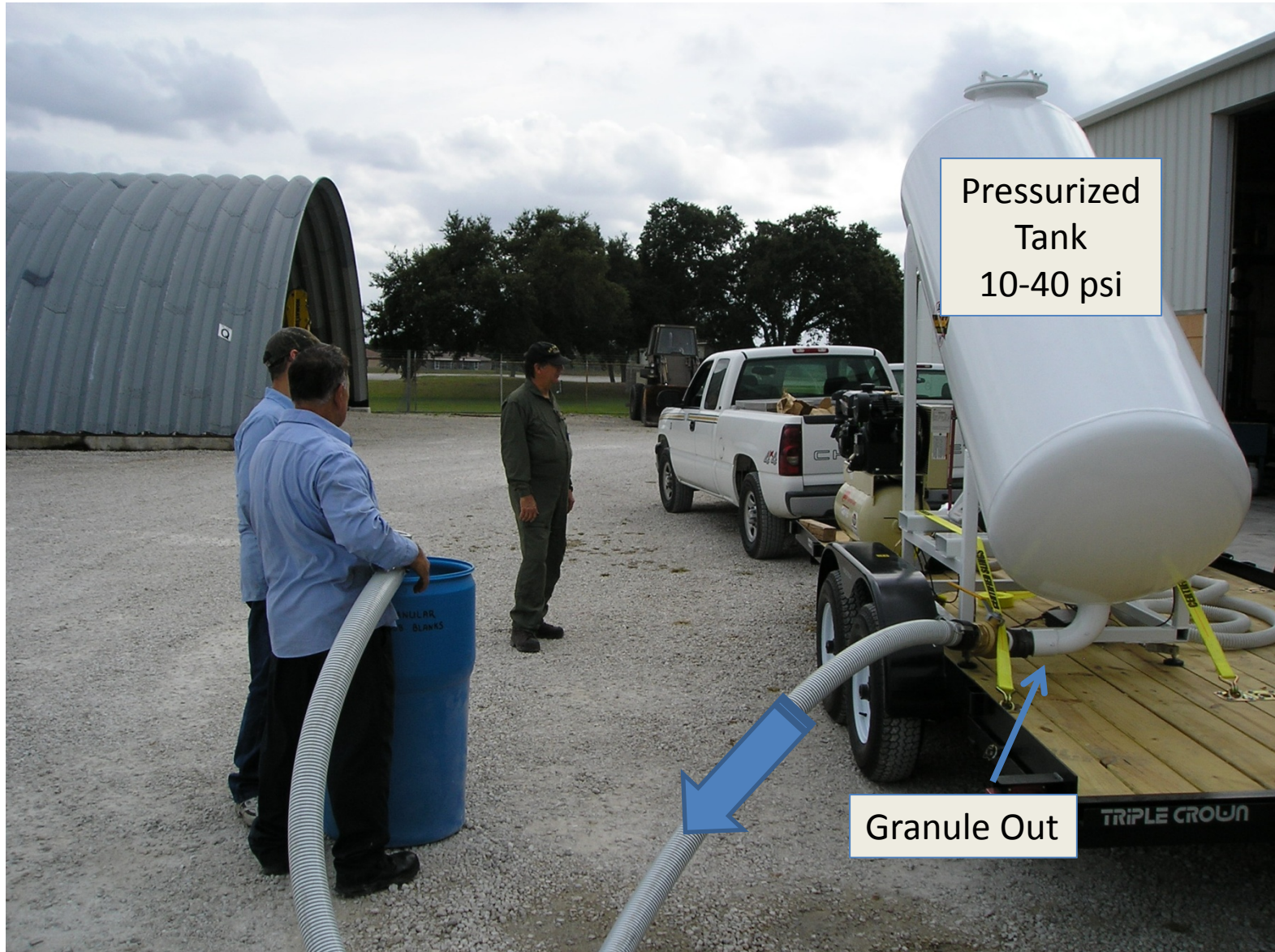
- Flow as consistent density
- High air volume requirement
- Requires metering valve
- Dusty

Dense Phase



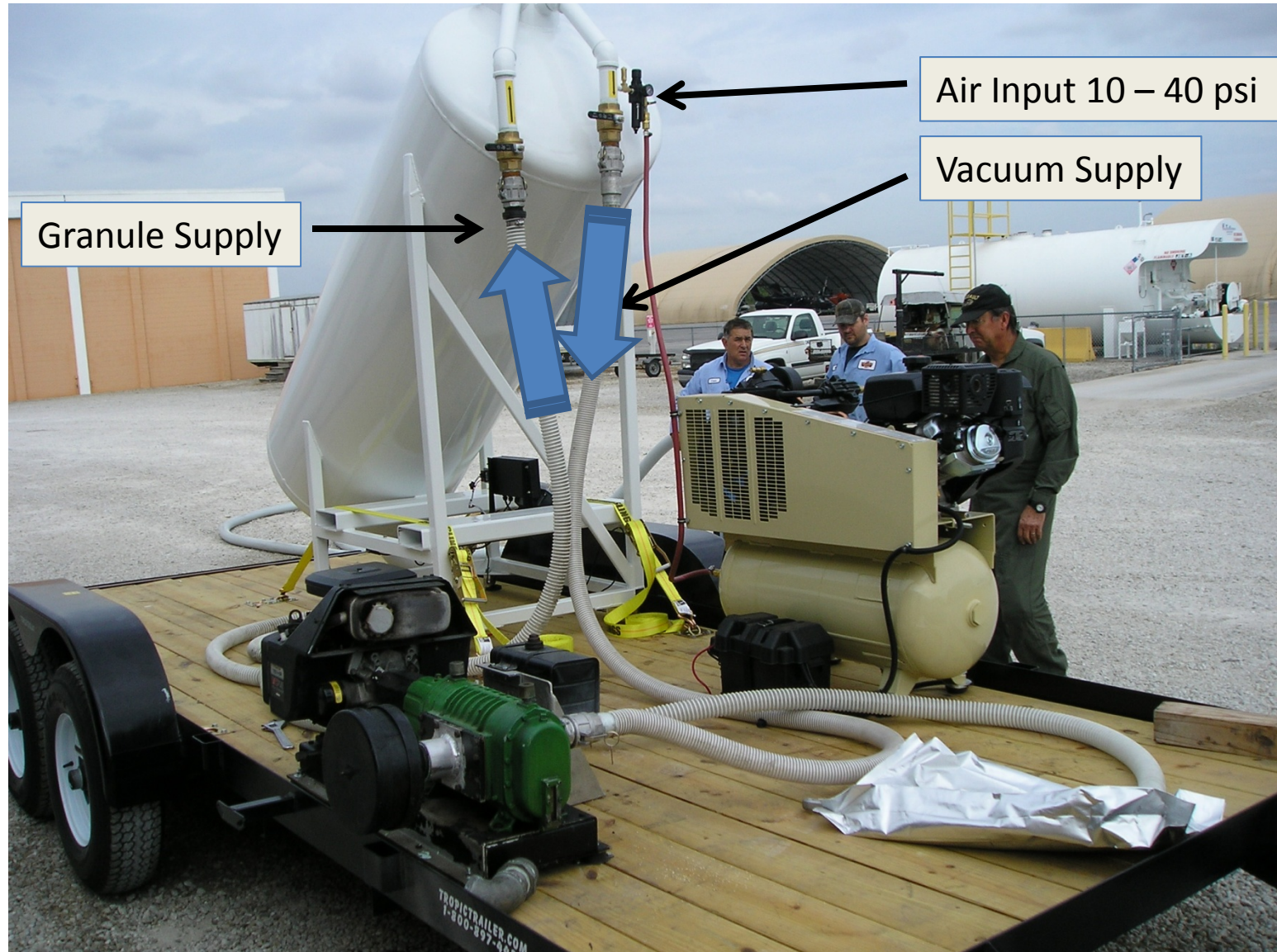
- Flow as slugs
- Low air volume requirement
- Air pressure requirement 10 – 40 psi
- Gentle conveyance of material

LCMCD Hopper Loading Dense Phase Pneumatic Conveyor



LCMCD Pressure Tank Loading with Granules

Dilute Phase Pneumatic Conveyor



Load Cell





**Flow Control Valve
with Diverter**

Sentinel Arm

