

PROJECT TITLE	PROJECT NUMBER	START DATE	COMPLETION DATE
CARGO TRAILER CRANE SYSTEM	OT99-04	JAN 00	AUG 00

Equipment Evaluated: Model 4000 "CargoMaster", made by Wayne Engineering Corp., 701 Performance Dr., Cedar Falls IA, 319-266-1721, **Website:** <http://www.cargomaster.com>. The manufacturer claims this system transforms semi-trailers from a freight container to a mobile material handling system, making it possible to transfer any freight, anywhere, no waiting for forklifts or space at a loading dock. The crane operates the full length of the trailer, unloads freight from anywhere inside the trailer to ground level. One operator can load and unload the trailer unassisted. Full operation is controlled with a hand-held remote control with the operator standing safely away from a suspended load. Product is enclosed & protected inside the trailer, & is powered by the trailers 12-volt electrical system. **Project Monitor:** AETC MEEP Activity. **Comparison:** Forklifts & pallet jacks. **Project Results:** Technicians in the Vehicle Operations Flight at an Air Force base evaluated the Cargo trailer Crane System. It was installed in a 32-foot van trailer & used to load/unload break-bulk & palletized cargo, mostly where there were no loading docks. Using the CargoMaster personnel accomplished these tasks with ease. The need for a pallet jack & forklift was eliminated, thus saving valuable labor hours. This product can load & unload items that could not be handled by a forklift (i.e., bulky items longer than the width of the trailer). Personnel stated the CargoMaster can load/unload a trailer with one person in the same amount of time it takes two people & a forklift. This system is ideal for loading/unloading cargo in remote areas and for those bases with limited dock space. **Final MEEP Action:** Model 4000 CargoMaster is recommended for Air Force use. Procured through use of established LP procedures. **Project Closed.**
