

KORNYLAK 40K

Loader/Unloader



GENERAL DESCRIPTION

The Kornylak 40K Loader/Unloader is unique in the field of many similarly portrayed pieces of equipment. Not only is it compact, maneuverable and versatile, it is constructed of the highest grade materials and built to last for many years. The 40K has proven to be the most reliable tactical Loader/Transporter in the U.S. Armed Forces. The Kornylak 40K is the only unit of its type to be continuously upgraded with the latest technologies.

LOAD CAPACITY

The new 40K features a 10' x 40' load deck that can elevate a 40,000 pound load to a height of 13 feet. The 40K is capable of transporting palletized, skid mounted and wheeled loads and can carry as many as 5 HCU-6/E pallets each with a maximum of 10,000 pounds, with a total not more than 40,000 pounds.

AIR TRANSPORTABILITY

With the capability for loading/unloading cargo to/from both military and commercial planes, the 40K is compact enough to fit into the C130 and be transported anywhere in the world, as was done during Desert Storm.

LOAD DECK

Measuring 10 feet x 40 feet, the load deck can be elevated from its lowest level of 41 inches to a height of 13 feet. The cargo deck can be tilted forward or backward, rolled right or left, and shifted from side to side to adjust the deck to the aircraft or the dock. All movements are accomplished by means of hydraulic motors and cylinders driven by the truck's main engine. Additionally, the load deck is convertible to a roller conveyor surface. In some versions a chain conveyor, to which pushers are attached, runs the full length of the bed enabling loads to be moved along the deck in either direction. To facilitate handling heavy cargo, a winch is included; and a transfer bridge at the front of the deck provides an aligning bridge to span the gap between the truck and loading dock.

FLEXIBILITY

Fully loaded with 40,000 pounds, the 40K can travel at a forward speed in excess of 20MPH. All functions are driver controlled from a one man attached cab mounted to the left side of the deck. The cab rises with the deck and is slid within the deck envelope for transportation. The cab is an enclosed weather-proofed unit with both heat and air conditioning.





DIMENSIONS

Overall width at cab	156"
Overall width over tires	120"
Overall length	504"
Deck width	120"
Deck length	480"
Maximum - deck	156"
Minimum height - deck	40"
Wheel base	300"
Turning circle	480"R
Weight	44,000 lbs.
Design load	40,000 lbs.

GROUND CLEARANCE

In traveling mode	6"
In loading	6"

ENGINE

Water cooled Cummins or Caterpillar diesel

FUEL

No. 2 diesel fuel or no. 1 jet fuel

STEERING

Front wheels only. 4 axles each having 2 sets of dual tires. One drive axle.

BRAKING SYSTEM

Air brakes drum type for each wheel with fail safe system.



The cover illustration depicts the delivery of two new, improved 40K Air Cargo Loaders to Abu Dhabi of the United Arab Emirates.

Kornylak Corporation, an innovative designer and manufacturer for over forty years, specializes in systems for industrial and commercial material handling; systems for the production of urethane, phenolic and styrene foam products; air cargo systems and vertical conveyors for the U.S. and foreign navies.



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