

# TORQUE ARM

The AIMCO Torque Arm lifting device bridges the gap between a hoist and a manipulator. The Torque Arm provides a rigid "load arm" between the work piece and the crane, allowing loads to be securely handled and manipulated. Off center load weights, reach-in applications, and changes in product orientation can be easily accomplished in a safe, ergonomic and economical manner.

The Torque Arm employs a lifting cylinder combined with a guide shaft and linear bearing combination. The guide shaft prevents the lifting cylinder from experiencing any effect of side load that could cause binding or rod and seal damage.

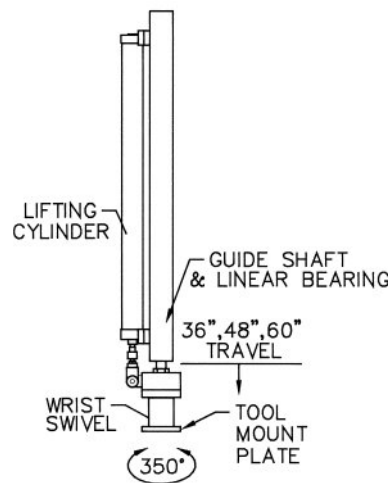
A wrist swivel with end effector mounting plate provides rotation capability for precise tool orientation and positioning of loads.

When mounted to an AIMCO Articulated Jib Crane, or a workstation bridge crane with dual girder bridge, the Torque Arm provides all the flexibility of complex manipulator systems at much less the cost.

Custom end effector tooling can be designed for most applications.

## TORQUE ARM MODEL NUMBERS & SPECIFICATIONS

MODEL NO.	CAPACITY LBS	VERTICAL TRAVEL
TA180-36	180	36
TA180-48	180	48
TA180-60	180	60
TA300-36	300	36
TA300-48	300	48
TA300-60	300	60
TA500-36	500	36
TA500-48	500	48
TA500-60	500	60
TA600-36	600	36
TA600-48	600	48
TA600-60	600	60



**NOTE: Capacity MUST consider weight of end effector tooling, payload & reach-out.**