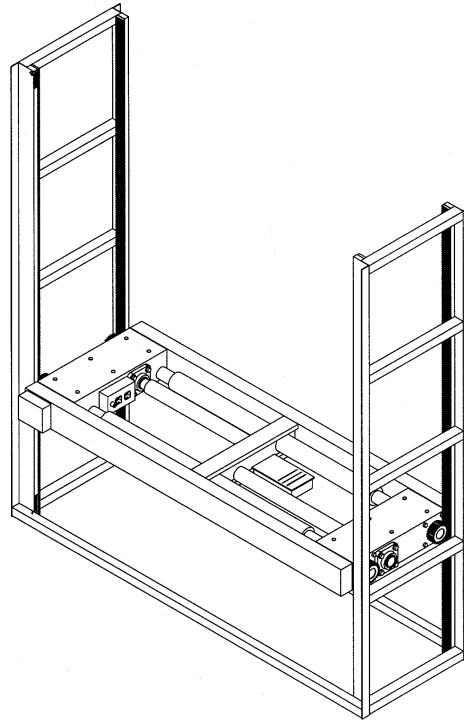




**SUPER HEAVY DUTY LIFT  
P/N 900650, 9001000, 9001400**

1632-1/2 West 134<sup>th</sup> Street, Gardena, California 90249  
(310) 808-0001 Fax (310) 808-9092 [www.inca-tvlifts.com](http://www.inca-tvlifts.com)



The Inca Super Heavy Duty Lift is available in three lift capacities: 650 pounds, 1000 pounds and 1400 pounds. These machines use a new principle and design: the multiple motor double transmission drive, (MMDT). The design has two complete transmissions, which are at each end of the lift; each is coupled to an individual motor. The drive train transmissions are coupled to the motors by heavy-duty universal joints. The entire assembly can be shipped, knocked down in a flat crate. Control is achieved through a Universal Junction Box (UJBX) remote system. There are three elements to the control system:

A remote interface junction box module A, which is located away from the lift and tethered to it with a multiple conductor coiled cord. This interface contains a power input connection, fuse, override switch, and an AMP aircraft 9-pin connector.

A junction box module B rides on the lift rail, which permits connection of the tether coiled cord. This junction also manages the multi-conductor signal control cables, including video into the lift platform.

The on board junction box module C, contains the multi-pin connector for a swivel if one is used and connections for the controller box. In addition, a receptacle to plug in a TV and VCR and DSS is provided.

ITEM NUMBER	DESCRIPTION	LIFT CAPACITY	PLATFORM THICKNESS	OVERALL WIDTH*	OVERALL DEPTH	OVERALL HEIGHT
900650	Super Heavy Duty	650 lbs.	4.000"	Any	20.25"	Any
9001000	Super Heavy Duty	1000 lbs.	4.000"	Any	20.25"	Any
9001400	Super Heavy Duty	1400 lbs.	4.000"	Any	20.25"	Any

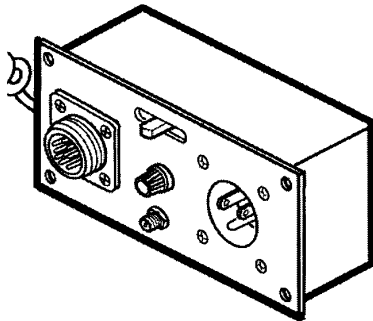
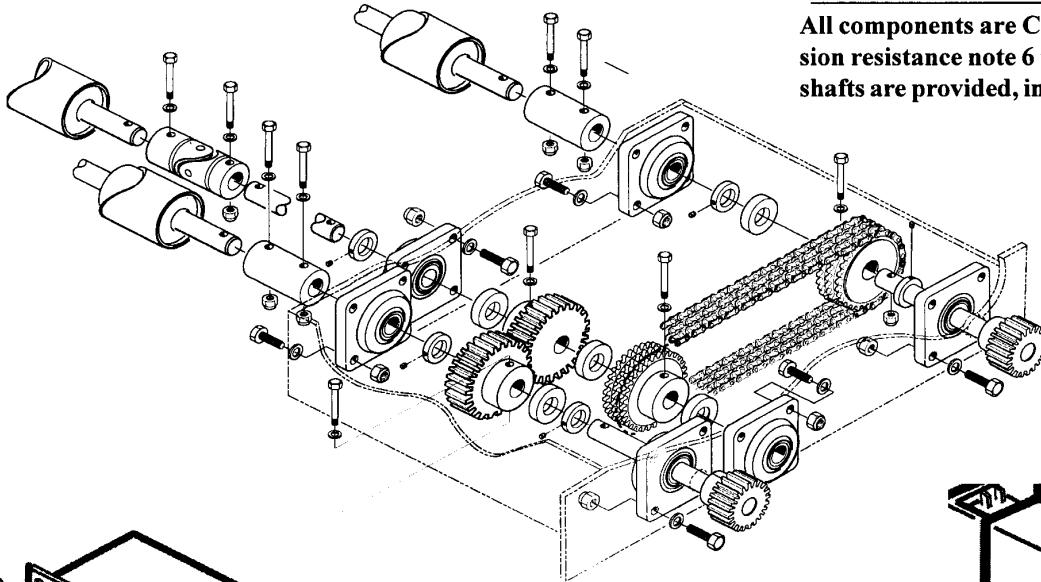
\*Minimum OAW is 55"

# SUPER HEAVY DUTY LIFT

P/N 900650, 9001000, 9001400

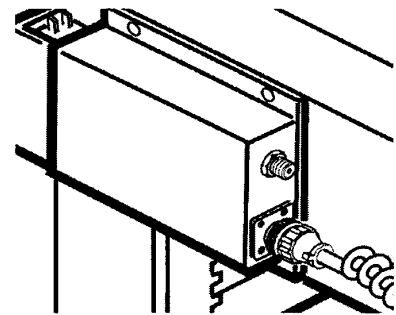
## TRANSMISSION STRUCTURE

All components are CAD II plated for corrosion resistance note 6 thrust bearings on 3/4" shafts are provided, in each transmission.



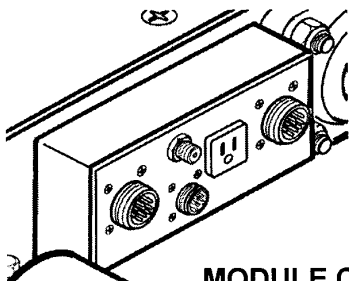
**MODULE A-SHD**

The module A is the interface junction box connecting the machine to the outside world. Located on the front panel of this box are: power video signal input receptacles fuse, control option selector switch and auto up switch. In addition, there is a multi pin aircraft connector port provided which allows external commands to control the machine, including 12 VDC, computer, touch screen, infra red, RF, etc. This panel is attached outside the lift enclosure in any convenient, fixed location.



**MODULE B-SHD**

Module B, rides on the side rail of the machine. Module B contains the upper and lower limit switch package. It also houses the video signal input connector and a receptacle to which the multi conductor coiled cord is attached. The module distributes power, video and control signals between modules A and C.



**MODULE C-SHD**

Module C is located on the end inside the lifting platform, mounted on a transmission. The module contains a video and power out receptacle for use by TV's and accessories on the lift. It also has aircraft multi pin connectors to attach RF receivers, multichannel controllers and automatic swivelling systems. Controls for the motors are distributed from this module.