



## **AIR CAGE DRIVE-PIPE MODEL**

### **OVERHEAD SUPERSTRUCTURE**

The model 702212 air cage is supported from the roof structure by directly attaching to the underneath side of the roof truss or purling.

### **MATERIAL**

Standard size of cage shall be 12' – 0" high x 22' wide x 70' long. All attachment fasteners for winch mount carrier brackets are to be grade 5 or better. Fastener with vibration proof nylon locking nuts or self locking serrated flange nuts.

### **DRIVE / SUPPORT STRUCTURE**

This curtain hoist shall drive a continuous 2-2/8" O.D. drive shaft, schedule 10. The cage shall be lifted by means of 1/8" galvanized aircraft cable. Lift cables shall be spaced at no greater than 12'-0" center to center. The cable shall wind up on individual reels located on the drive shaft. At each lift point for frame.

The drive shaft shall be supported by a carrier assembly spaced no greater than 12'-0" center to center. The carrier shall consist of laser cut brackets made from 1/4" mild steel plate.

Cage support frame shall be constructed of 1-3/8" O.D. steel tubing. Support frame shall be furnished with a standard galvanized finish. If special finish coat is required, specify final painting by painting contractor. The support frame may be lowered to the floor while placing the four sides of netting on top of the frame to allow for compact storage.