



MODEL : NLG - IL 76

NOSE WHEEL LANDING GEAR SYSTEM SIMULATOR



Fig. 1



Fig. 2



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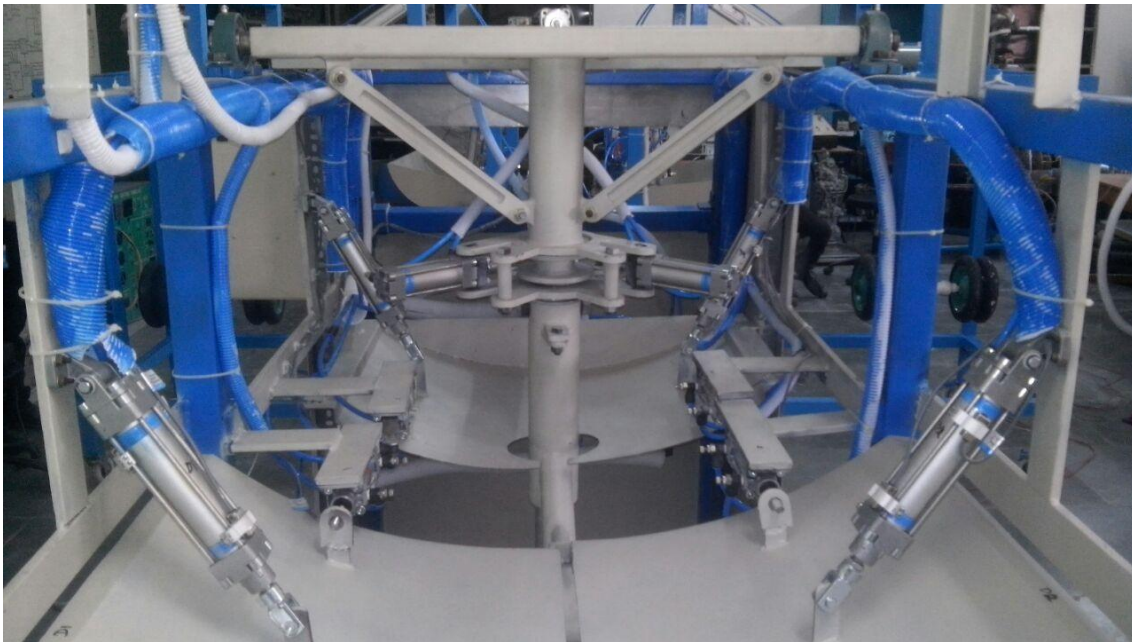


Fig. 3

**PRODUCT NAME : NOSE WHEEL LANDING GEAR SYSTEM SIMULATOR**

**PRODUCT DESCRIPTION :**

This Nose landing gear simulator system is designed and developed based on the IL-76/78 aircraft nose landing gear system in order to demonstrate the working of the nose landing gears. This consists of components with functions similar to the one in IL-76/78 aircraft nose landing gear. This system has steerable nose landing gear setup with four wheels. This helps students and trainees to understand the concept and basic operations of nose landing gear system with visual experience.

**FEATURES :**

This electrically powered landing gear system performs following operations with help of pneumatic cylinders.

- a. Provides the designed sequence of actuations of the system elements and ensures the automatic opening and closing of the landing gear doors.
- b. Provides the up-locking and down-locking of the landing gear during the retraction and extension cycle.
- c. Provides the nose landing gear retracted and extended position indicating lights.

**SIZE : 2.5m x 1m x 1.5m**