

The *SEAT BELT* Convincer



General Description

Self-propelled vehicle seat with safety restraints affixed to a light weight easily maneuverable single axle trailer. The Seat Belt Convincer simulates a 5 to 7 MPH Crash.

The Seat Belt Convincer was designed and fabricated by Frank as an aide in teaching people the necessity of using seatbelts to avoid serious injury in a car crashes resulting in rollovers. In the demonstration, the "dummies" in the simulator that are not restrained by a seatbelt are thrown from the simulator in a terrifying real enactment of the deadly results of seatbelt negligence. Today, the Rollover Simulator is being used by law enforcement, schools, driver training and insurance companies worldwide.

- Since the first Seat Belt Convincer was built, Frank has provide the device to many agencies and companies whose objectives are:
- Reinforcing safety belt/child safety seat enforcement ;
- Enhancing public/private cooperative efforts in traffic safety;
- Increasing safety belt and child safety seat use;
- Decreasing severity of injury suffered as a consequence of rollover and other crashes;
- Increasing the number of children riding in the back seat.

The Seat Belt Convincer can be recycled approximately every 60 seconds. An automatic seat release makes The Convincer easy to operate. An easily repacked air bag is optional. The front trailer jack is fitted with a wheel for easy hand parking inside malls, schools, convention centers and other tight quarters. The Convincer is painted in a choice of colors for durability and good looks. The Seat Belt Convincer draws a crowd where it is exhibited. It facilitates personal contact with the public and never fails to leave a positive impression about safety belt use. An optional self-energizing air bag system deploys on impact and is easily repacked by hand.

Power

- ¾ horsepower continuous duty electric motor (115 volt, 1,725 RPM)
- Worm gear type gearbox
- Heavy duty grounded 3-wire extension cord (50')

Special Equipment

- Adjustable front stabilizers control rocking motion.
- Two wheel chocks prevent rolling.

Available Options

- Air bag
- 4.0 kW electric start generator
- Generator package

- Vinyl travel cover
- Spare wheel and tire
- 2-ton hydraulic jack
- 4-way lug wrench
- Small tools kit

Trailer is manufactured of 1 ½" x 3" rectangular tube with a 14-guage steel floor covered by Treadbrite aluminum deck plate. The sled uses 6" channel runners.

Classification Class 2 (2,000-3,400 max wt.)
 Overall Length17'3"
 Width 6' at the fenders
 Height in travel position 6' 2"
 Weight (w/tools & generator) 1,950 lbs.
 Tires - Two (2) - P185 x 75R14 6-ply radial Wheels,
 Two (2) - 14" x 4 ½" 5-bolt steel spoke
 Ground Clearance 10"
 Tongue Weight
 300 lbs.
 Ball Hitch 2"
 Bulldog
 Brakes 2-wheel electric
 Lights
 Rear tail and stop lights (inside protective steel housings), side markers, clearance lights and license plate bracket with light.
 Hook-up - Wiring for all necessary lights plus ground and brake wires through a standard 6-plug trailer connector.
 External electrical input plug..... 110 volts 13 amps
 Front unload wheel Manual Crank
 Storage Boxes.....Two (2) - 21"W x 60"L x 16"D
 Storage Boxes are manufactured of 14-guage steel with Treadbrite aluminum deck plate. Tool boxes provide approximately 9 cubic feet of storage space.

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