

Engineering Cart

PROJECT

In May of 2012 Edward Guirlinger, a professional developer of specialized maintenance carts, in conjunction with three major hotel companies, began working on the development of a new hotel engineering cart. This cart was to be designed from the ground up to meet the specific needs of the hotel engineer. Edward's motivation to take on this project was simply to build a better cart for the industry providing the ultimate benefits of an **increase in productivity, improved guest service, increased professionalism and greater control over tool inventory**. If he were able to do this and could make the cart available at a reasonable price he felt he would be providing a good service and value to the industry. Now, with the help of many experienced engineers and managers working in 5 different hotel brands including both limited and full service hotels, a final design has been perfected and is detailed below.

Design Goals:

The cart must be able to carry and organize all of the tools and parts an engineer needs and be...

- **Compact, Light and Maneuverable**

This was the most important feature according to the engineers testing the prototypes. It had to be light, easy to turn and push. It also needed to be small and narrow in stature. Dim: 37" L x 14" W x 44" H.

- **Professional**

The cart had to present an image to the guest and client that was in sync with the professional image of the company using it.

- **Versatile**

Usable for guest calls, PM, facilities work and trades with all the needed functions and capabilities for each.

- **Durable**

A strong, long lasting design made from high quality materials.

- **Secure**

The cart needed to be easily lockable to control casual theft and guest liability issues.

- **Quiet**

No rattling sounds or wheel noise.

- **Affordably Priced/Strong ROI**

The cart had to have a reasonable price and pay for itself in less than one year.

Patent(s) Pending



www.grainger.com

Part # 35XR83 (Other related part#s: 35XR82, 35XR84, 35XR85.)

Cart Features

• **Light Weight** • **Narrow Width: 14" Wide** • **Easy to Maneuver**

ON THE RIGHT SIDE (NOT SHOWN)

3 Large Utility Pockets

- Holds spray bottles, rags, knee pads and other

Fluorescent Light Tube Storage

- Holds T4, T8 and T12 light tubes

HVAC Filter Storage

- Holds small to large filters

Large Work Surface with Sides

- Side folds down to extend the work surface
- When side is up creates a large bin for transporting parts

Lockable Tool Bag Cover

Vise Clamp

Removable Tool Bag

- includes 42 labeled pockets to hold up to 84 of the most commonly needed tools
- Sits in special carrier built into handle

Ladder Hook

- On the front of tool storage door
- Holds up to a 6' ladder

7 Lockable Drawers

- 12 sq ft of organized storage space
- Customizable parts bins
- Can hold hundreds of different parts
- Stainless steel fronts

Large Trash Receptacle

- Removable

Large Item Storage Area

- Behind trash can
- Holds gallon paint can and other tall containers

Heavy Duty 8" Wheels

- Non-marring
- Rolls easily on carpet
- Precision bearings

Lockable Tool Storage Area

- Labeled pockets provide quick tool inventory
- Removable tool panels allow you to change the tools being carried in this area

Lockable 5" Front Casters

- Heavy duty steel
- Rolls easily on carpet
- Non-marring
- Precision bearings

Welded Unibody Steel Frame

- For long-lasting durability

Vacuum or Large Item Storage Area

- Designed to hold most compact vacuum styles



FlexCart Engineering Cart with Tools

800-472-4643 - Grainger Part Numbers: 35XR83, 35XR82, 35XR84 and 35XR85



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