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## **SHOW-BOT**

**THE WORLD'S FIRST HALF-HUMAN HALF-MACHINE, COMPUTER-ASSISTED**

**SELF-BALANCING, VEHICULAR ROBOTIC COSTUME.**

**RELEASE FOR FALL 2007 TO EARLY 2008 !**



**International Robotics announces the 2008 release of the world's first Half-Human, Half-Machine Electronic Robotic Costume. Now you can convert your own existing Spokesperson or Mascot to this revolutionary self-balancing vehicular base, while maintaining the full integrity of your Mascot's Design. Any character or personality can be reproduced exactly and accurately, while bringing that Character into the 21<sup>st</sup> Century.**

Show-Bot uses a revolutionary self-balancing motorized wheelbase which permits the Entertainer inside the Costume to move about effortlessly in all directions - ON ONLY TWO WHEELS - by simply leaning his/her body. The base appears to glide gently in over the ground.

A big attention getter for;

-  Corporate Events & Promotions
-  Trade Shows Displays & Exhibits
-  Staged/Scripted Presentations
-  TV Commercials, Film & Theater
-  Science & Technology Museums

- Amusement Parks & Resorts
- Out of Door Advertisement

It is amazing to watch Show-Bot move about, as this new technology is a synthesis of Robotic Motion-Base Mechanism, World Class Robotic Costume Design & Engineering, Advanced Electronics, Audio-Visual Displays, Special F/X, and Good Theater.



Contact









RESERVE YOUR SHOW-BOT EARLY, AS THE DEMAND IS ALREADY GROWING FOR THE REMAINDER OF 2005!

#### **FEATURES:**

Here are just some of the Show -Bot features for your review:

- **BASE MEASUREMENTS:** 30" wide at base. This represents an envelope of space not much greater than that of an adult human being. It is wide enough to be stable for the Operator, but compact enough to be able to navigate safely and freely amongst people, through conventional doors, and on most level surfaces.
- **HEIGHT:** The total height is calculated on the height of the performer plus an additional allowance of 8" to account for the hidden base platform which the Operator is standing on inside the beautifully sculpted Fiberglass Housing. This represents a full height of about 6.2", or very similar to our Mi llennia and Sico (see-co) Communication Robots. Custom Show-Bots can be designed and engineered exclusively for you, and made to the measurements and height of a specific Operator/Entertainer.
- **WEIGHT:** (without a performer) 230 lbs. With performer; about 450 Lbs or less.
- **SHIPPING:** The Show Bot travels in two flight cases, one weighing approx. 115 lbs and the other approx 314 lbs. The two boxes will fit into a mid-sized SUV (Toyota 4Runner or similar), or mini-van. For locally based transportation it may not be necessary to pack the unit into it's boxes, in which case the pieces are wrapped in material and carefully placed into a vehicle that can be a little smaller than the aforementioned.
- **EFFECTS & AUDIO/VIDEO STORAGE/PLAYBACK DEVICE:** Show-Bot has various sound and lighting effects integrated into the Robot. Show-Bot has an internal 40 GB Hard Drive media player. Note the location of the easy access buttons & controls built into the forearms, which are operated by the Performer. This player is the source for Mpeg video, MP3 Audio and Jpeg images which can be programmed into slideshows and displayed on the LCD Video Monitor .
- **VOICE:** Show-Bot has an internal synthesized voice-processor linked to the performer's voice via a concealed microphone inside the Head Shell. There is also an integrated articulated jaw movement to add more realism to the Speaking of the Show-Bot by the Operator. As with all IRI Robots, the Show Bot will interact live with your target audience, as our performers are talented entertainers.

- **CUSTOM MESSAGING & SCRIPTED PRESENTATIONS:** If there is a requirement for a detailed or lengthy verbal presentation, the piece can be pre-recorded into the PC by the performer, and then at the appropriate time, the file can be accessed and seamlessly integrated into the performers live interactions. This ensures quality and accuracy every time as the performer continues to animate the jaw movement of the Show Bot to accompany the recorded sound.
- **SOUND:** High quality 250 watt four speaker S urround Sound system
- **VIDEO SCREEN:** Large 10.5" LCD Video Screen integrated into the Chest of the Show-Bot costume. The screen receives its images and video clips from the 40 GB Hard Drive/Media Player described above. We can program this Hard Drive with your Corporate and Sales Videos, Images, Slide Shows, Music Videos, etc., and make them instantly accessible by the Robot Entertainer within the Costume. For those special replicas of your own Mascots, we can easily relocate the Video Screen to the lower portion of the vehicle, allowing the upper portion of the Mascot's Costume to remain 100% true to the original design.
- **CAMERA:** Show-Bot has a full color Video Camera installed in the head which can monitor, record and playback what it captures on the Video LCD Screen. Again, this camera can easily be relocated elsewhere if you use this concept with your own Mascot personality. It is also possible for the camera to transmit wirelessly to larger external screens.
- **LIGHTING:** The Show-Bot costume has been designed with several touches of Concealed Lighting, using high-powered multicolored and long-lasting LED lights. No direct LED light is visible. Instead, most lighting effects glow from the recessed areas.
- **VENTILATION:** Four Cooling Fans are integrated into the Head, Body and Base to ensure the best possible comfort for the Operator inside the Costume .
- **MOTORIZED BASE CONTROL SYSTEM:** All Motor Drive controls are in the forearm and easy accessible for operation with left and right movement controlled by wrist movement by the Operator.
- **COSTUME:** Show-Bot is a Multi-fit costume; able to fit performers between approx. 5'5" and 5'10". Customized versions of your own Mascot or Humanoid Android can be constructed to fit most size Operators and Performers.
- **CUSTOM GRAPHICS:** If you email your Logos and other graphics/images, we will gladly quote you on the design and application of your graphics to the surface of the Show Bot for that "customized" look.
- **SPECIAL CARRY-ON BAGS FOR BROCHURES:** Special Saddle Bags are currently being created to be easily mounted to either side of the Show Bot so that printed material can be stored and accessed by the performer rather than the performer having to hold a large amount of paper while performing.



**Panoramic Visor integrated into the head design to allow the Operator clear view of his surroundings! Also note air vents in upper portion of the head, as well as pinhole full color Video Camera!**

- **CUSTOM DESIGNS:** It is possible to request a custom designed Show-Bot for your promotions, advertising campaigns, permanent installations, etc. Almost any existing Mascot Costume can be integrated into this technology so as to advance your Mascot into the 21<sup>st</sup> Century and appeal even more successfully to today's technology oriented consumer and media groups.
- **RENT OR PURCHASE:** It is possible to either rent or purchase a Show-Bot. Purchased Show-Bot can be Standard or Custom Designs.

## **Training:**

On the occasion of a purchased Show-Bot, there will be a two to three day period required for the training of your own Operator/Performer.

## **Safety:**

In the unlikely event that the motorized based malfunctions or runs out of power, the unit will lower just 2" onto the rear frame of the unit, and therefore cannot tip over. The motorized base provides approximately 20 seconds of warning beep sounds to the Operator before actual shutdown occurs by the on-board computer automatically bringing the Motorized Base to a complete halt. If the Operator attempts to move forward at that moment, the Motorized Base's internal computer will refuse to obey such a command and will function again as soon as the unit has been recharged. It is possible to interchange batteries on the ShowBot concept for uninterrupted use.

Want to see some photos of ShowBot hosting a Trade Show on behalf of a Client overseas? Please go to this link:

**[www.internationalrobotics.com/uploads/RobotICanAtCityscape.pdf](http://www.internationalrobotics.com/uploads/RobotICanAtCityscape.pdf)**

Here's a video of ShowBot in action, promoting, informing, entertaining, and generally leaving your target audiences with a fond and lasting memory of your company, products and services:



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## RELATED SERVICES

### **PUBLIC RELATIONS:**

Please contact IRI for any supportive PR services, such as developing customized press kits, working with various media to develop press coverage and schedule interviews, or preparing individual objects for premium incentive and customer relations.

### **DESIGN, GRAPHICS AND CUSTOM CONSTRUCTIONS:**

Custom paint colors, parts, and/or Logos/Graphics may be requested in advance. Custom design and construction of Show-Bots, futuristic environments and exhibit displays are also available. Visit our web site for a list of other technologies at [www.internationalrobotics.com](http://www.internationalrobotics.com), or email us at [info@internationalrobotics.com](mailto:info@internationalrobotics.com).

# The ShowBot: Frequently Asked Questions

**Q: Is there a person inside the ShowBot or is it a real robot?**

A: He is a Carbon Based Robot... In other words, yes, he does have a human at his core!!!

**Q: How many people does it require to execute a ShowBot performance?**

A: Two. One performer and one stage technician/security/stage-manager.

**Q: What size dressing room does the ShowBot need?**

A: The minimum size of the dressing room would be approximately 10' x 10' (3m x 3m). This should be a secure, lockable area exclusively for the use by the ShowBot and crew. The room should have a Mains Power outlet, at least one table, two chairs and bottled water.

**Q: How long does it take to set up before the first performance?**

A: Once all of the equipment is in the dressing area the setup time takes about 30 to 40 minutes to be ready for the performer. The performer then requires approximately 20 minutes to prepare. Therefore typically the minimum time required from entering a dressing room to being ready to perform is 1 hour.

**Q: How long does it take to get out of costume?**

A: It takes about 5 minutes to get out of costume.

**Q: Does the performer need help getting into the ShowBot?**

A: Yes. The ShowBot stage manager is responsible for all aspects of preparation and performance safety.

**Q: How many performances can the ShowBot perform per day?**

A: Times depend on the specific format of an event or venue, but the ShowBot can perform a maximum of 3 x 60 minute sets within a 6 to 7 hour time frame. These times are dictated by both the physical requirements of the performance, as well as the management of the ShowBots' battery systems.

**Q: How tall and wide is the ShowBot?**

A: He is approximately 6' 4" tall (1.95m), and 31" (0.79m) wide.

**Q: How heavy is The ShowBot?**

A: The unit is approximately 220 lbs (100kg), plus the weight of the performer.

**Q: Can the ShowBot fit through a door?**

A: Yes he can move freely through any standard size doorway.

**Q: Can the ShowBot get up stairs?**

A: No. However it can go anywhere that supports wheelchair access, including elevators.

**Q: What type of surfaces can the ShowBot operate on?**

A: Any solid or hard packed, even surface. This does not include sand, soft earth, long grass, loose stone etc.

**Q: Can I have my custom video programmed into the ShowBot?**

A: Yes! The ShowBot can display video, Jpeg image or MP3 audio file. This media must be submitted for inclusion at least 3 days prior to the event.

**Q: What format should the video files be?**

A: The ShowBots' media computer uses Quick-Time (.mov) files. Screen size is recommended to be 640 x 480 although 320 x 240 is also acceptable. The files should be as high quality but small file size as possible.

**Q: Does the input of custom media incur an additional charge?**

A: If the media is ready to install then there is no charge, however if any audio or video production work is required then an additional charge may be applicable.

**Q: What other customization can the ShowBot provide?**

A: Vinyl cut graphics can be attached to certain areas of the unit, as well as an option to completely change the color of the ShowBot by attaching custom 'color panels'.

**Q: What is the maximum size of the adhesive graphics?**

A: Upper Arms - **3"** (7.6 cm) wide x **3"** (7.6 cm) high (quantity: 2)  
Base unit - **16"** (40.6 wide) x **10"** (25.4cm) high (quantity: 2)

**Q: I want to take the ShowBot outside of the U.S.A. (or beyond a one full day drive) How does it travel?**

A: The unit is contained within two flight cases that are shipped as air cargo - or ground Freight - depending on destination. It is sent with enough time to arrive and clear customs (if necessary) prior to the event(s).

**Q: What are the size and weight of the flight cases?**

A: Both cases have locking castor wheels.

Box 1 – weight 155lbs (70 kg):

Height - 30" (76 cm) / Length - 37" (94 cm) / Width - 25" (63 cm)

Box 2 – weight 350lbs (158 kg):

Height - 41" (104cm) / Length - 36" (91cm) / Width - 31" (78cm)

**Q: Once the boxes have arrived in my country/location, will it always have to be moved from venue to venue in the flight cases?**

A: Not necessarily. If the nature of the project requires different performance locations easily accessible by car, then so long as the flight cases can be stored safely, the ShowBot can be easily transported without the cases in an SUV or minivan.

**Q: What other expenses should I consider in bringing the ShowBot to my country / location?**

A: Beyond the performance fee and per diem you should allow for the following:  
- Two round trip air fares; **OR** Car / fuel travel expense if the location is within a one day drive.  
- One international standard hotel room (two beds) for the duration of the project.  
- Local transportation for crew and equipment.

**Q: So does it get hot in there?**

A: It can; however there are ventilation systems incorporated into the ShowBot.

**ADDITIONAL TECHNOLOGIES:** International Robotics, Inc. and Techno-Marketing™, represent the world's largest source of cutting-edge technologies, special effects, and futuristic icons for Marketing & Communication, Displays & Exhibits, Advertising & Promotion, Licensing & Merchandising, Education & Entertainment. If it has to do with advanced technological wizardry, you can be sure that the name International Robotics will be mentioned. Visit the Web page below for a brief catalog of our technologies, or simply request our Electronic Catalogue to be emailed to you:



**[www.internationalrobotics.com/iaapapres.html](http://www.internationalrobotics.com/iaapapres.html)**

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