

XO THEATER

6D MOTION RIDE EXPERIENCE

NEW!

NOW AVAILABLE
WITH WIND & 5D EFFECTS

TRIO TECH
Amusement



INTRODUCING XD THEATER

WITH MAD WAVE MOTION™

Turn any location into a real time motion theater with Triotech's new XD THEATER, a 6D motion simulated thrill ride that transcends time, space and imagination. With our unique and cost effective motion seats, you won't have to compromise your standards for successful entertainment.

CONVENIENT INSTALLATION

Our motion platforms are so adaptable that you can install them in any location. There is no need for any major construction. The XD theater seats are as easy to install as traditional theater seats. Our motion platforms are self-contained making them convenient enough to take on the road or fill an existing room.

UNPARALLELED ACCELERATION

Our XD Theater seats boast up to 2 G's of acceleration and a 400 movements/second thanks to our industry leading patented technology. This is a huge step up from the limited 1G standard that most motion platforms offer.

WIDE RANGE OF APPLICATIONS

The XD Theater offers a greater advantage over other motion platforms. The XD can turn any existing movie into a thrilling experience since our motion technology provides more than just jolts and tilts.

**ALL ELECTRIC,
NO HYDRAULICS!**



SNOW RIDE

Race through snow-covered mountains. This is one wild, icy ride that will give you thrills and chills!

NEW!

An unusual underwater submarine adventure features strange encounters with great white sharks, giant clams and underwater dragons

AQUA RIDE

Arctic Run is a wild Snowcat Ride ride through the glacial landscapes of the Arctic

ARCTIC RUN

Cosmic Coaster is a wild roller coaster thrill ride through space

COSMIC COASTER

This spooky and mysterious ride takes you through an old, broken-down gold mine that just happens to be haunted.

HAUNTED MINE

This amazing journey takes you through the underground world and the center of the Earth

JOURNEY THRU THE CENTER OF THE EARTH

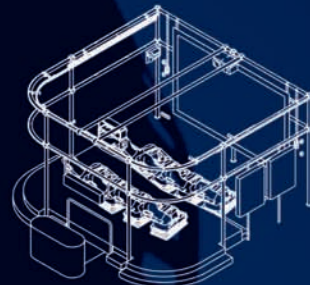
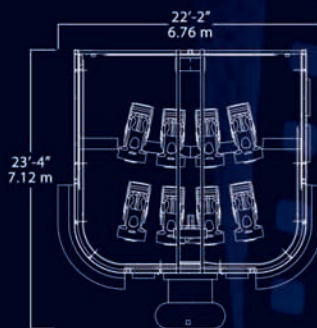
This underwater voyage guides you through towns and submerged caverns with face to face encounters with a giant octopus and prehistoric creatures

ocean JUNGLE

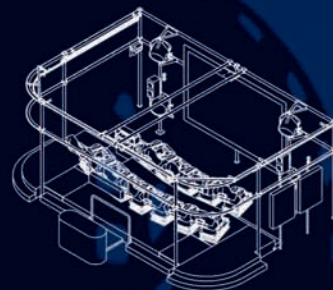
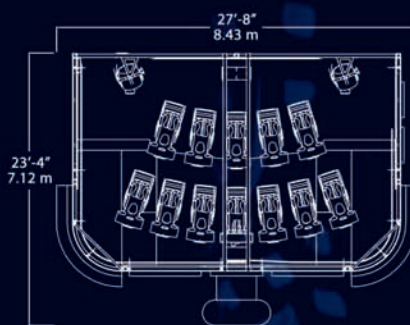
FLOOR LAYOUT

We can customize a floor plan that will suit your needs according to your space allocation. Here are a few sample layouts.

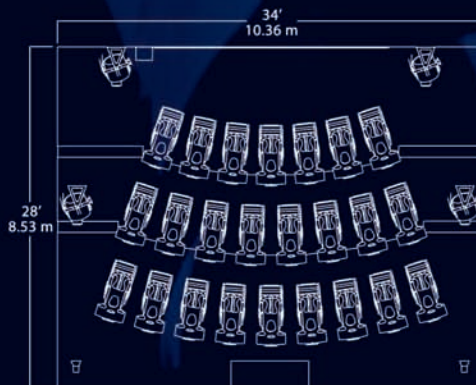
8 SEATS



12 SEATS



24 SEATS



XD THEATER AROUND THE WORLD



XD THEATER - GATEWAY MALL - SOUTH AFRICA



XD THEATER - BLUE WATER MALL - UNITED KINGDOM



XD THEATER - MYSTIC AQUARIUM - CONNECTICUT



XD THEATER - Dr. Quirkey's Good Time Emporium - IRELAND

NORTH AMERICA

PUTT PUTT GOLF & GAMES HURST
KNOEBELS AMUSEMENT RESORT
MAIN EVENT AUSTIN
MYSTIC AQUARIUM
FUN CITY
THE FUNPLEX
GHOSTLY MANOR THRILL CENTER
PUTT-PUTT FUNHOUSE WEBSTER
RIPLEY'S BELIEVE IT OR NOT! MUSEUM
SAN ANTONIO'S INCREDIBLE PIZZA
KNUCKLEHEAD'S BOWLING &
INDOOR AMUSEMENT PARK
SPRINGFIELD INCREDIBLE PIZZA
FAMILY FUN CENTER TUKWILA
MAIN EVENT WEBSTER
PRIME TIME FAMILY ENTERTAINMENT CENTER
TULSA INCREDIBLE PIZZA
INTREPID SEA, AIR & SPACE MUSEUM
TRAFALGA FUN CENTER
XSCAPE
WONDERWORKS
BOONDOCKS FUN CENTER

HURST, TX, US
ELYSBURG, PA, US
AUSTIN, TX, US
MYSTIC, CT, US
BURLINGTON, IA, US
EAST HANDOVER, NJ, US
SANDUSKY, OH, US
WEBSTER, TX, US
PANAMA CITY BEACH, FL, US
SAN ANTONIO, TX, US

WISCONSIN DELLS, WI, US
SPRINGFIELD, MO, US
TUKWILA, WA, US
WEBSTER, TX, US
ABILENE, TX, US
TULSA, OK, US
NEW YORK, NY, US
OREM, UT, US
INDIANAPOLIS, IN, US
ORLANDO, FL, US
DRAPER, UT, US

EUROPE

BLUE WATER MALL
CODONA'S AMUSEMENT PARK
MSC MAGNEFICA
MARINA D'OR
EUROPARK
AYDOGAN TOURISM & LEISURE
AFI PALACE COTROCENI
RANET CENTER INC.
IGROMAX
FUNTASIA
VULCANIA
HOUSE OF KATMANDU
VARNA MALL
SUBMARINE D.O.D.
MSC FANTASIA
GAMETRADE
DR. QUIRKEY'S GOOD TIME EMPORIUM
MSC SPLENDIDA
CENTRUM BABYLON

GREENHITE, UNITED KINGDOM
ABERDEEN, SCOTLAND
CRUISE LINE, FRANCE
CASTELLON, SPAIN
VIAS PLAGE, FRANCE
GIRNE, CYPRUS
BUCHAREST, ROUMANIA
MOSCOW, RUSSIA
MOSCOW, RUSSIA
BETTYSTOWN, IRELAND
CLERMONT-FERRAND, FRANCE
MAJORCA, SPAIN
VARNA, BULGARIA
BELGRADE, SERBIA
CRUISE LINE, FRANCE
MOSCOW, RUSSIA
DUBLIN, IRELAND
CRUISE LINE, ITALY
LIBEREC, CZECH REPUBLIC

ASIA

ACTION ZONE/ELECTRA
MAGIC PLANET
S'PORE DISCOVERY CENTRE
OCEANICA
ATLANTIS GAME CENTER
PLANET BOWLING IZMIR
TITO
BASON TOURISM
AGORA MALL
THE EXPERIENCE MEDIA

ABU DHABI, UAE
DUBAI, UAE
SINGAPORE
JEDDAH, KINGDOM OF SAUDI ARABIA
BALO, TURKEY
IZMIR, TURKEY
AZERBAIJAN
HNOI, VIETNAM
IZMIR, TURKEY
CHINA

SOUTH AMERICA

CREER EN COLOMBIA
SACOA

BOGOTA, COLOMBIA
MAR DEL PLATA, ARGENTINA

AFRICA

HANNIBAL PARK
GATEWAY MALL

SOUSSE, TUNISIA
DURBAN, SOUTH AFRICA

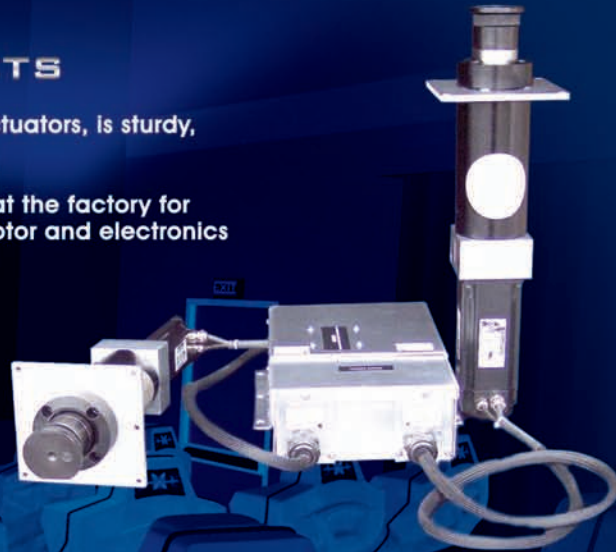
THE ACTUATOR COMPONENTS

The motor, the most expensive component inside our actuators, is sturdy, durable and virtually indestructible.

The drive assembly (inside the actuator) can be rebuilt at the factory for less than 20% of the cost of a new actuator. With the motor and electronics virtually indestructible, the actuators will last for years.

Each Actuator Unit is:

- Self-contained in a cartridge-like metal box
- Easily and inexpensively shippable, worldwide



Onboard microprocessors

Computing power = 5 Pentium® processors and proprietary algorithms translate motion codes into exhilarating, dramatic representations of on-screen motion.

Frequency Range

DC to 100 Hz @ +/- 1db and up to 200Hz max

Actuator Power

160 Watts (2 per seats platform 320 W total)

Acceleration

Up to 2 Gs

Control System

Brushless AC Motors with optical encoder

Lifting Capacity

400 lbs, per actuator (x 2)

Dimensions

9" W x 16" H x 4.5" D (23 cm W x 41cm H x 12 cm D)

Weight

18 lbs / 8.2 kg



Optional Structure Package including steel structure, banners, curtains, illuminated signs, LCD monitors, front counter, and stage (risers) available.

MAINTENANCE MADE EASY: HIGH TECH INTELLIGENCE

We understand that operational efficiency is the greatest asset in running a motion platform. Every Triotech Mad Wave Motion™ actuator has a digital signal processor (DSP) that communicates a constant data stream to the main station. Each individual actuator allows the station to know, at all times, their operational status. If an actuator should malfunction, the information is sent to the station describing exactly what happened. This instant diagnostic lets the system self adjust. Troubleshooting this easy makes our product an operator's dream! The self diagnostic tells the system which part of the actuator is defective for simple and accurate service.

UNMATCHED INNOVATION

The award winning patented Mad Wave Motion™ is built around linear actuators resulting from more than four years of R&D prototype development. The actuators are driven by high-performance, DSP driven, brushless motors.

SPECTRAL DYNAMICS

The system exhibits high spectral dynamics with a flat bandwidth from DC to 100 Hz, with a significant response above 100 Hz.

KINELINK TRANSMISSION PROTOCOL

Many innovative technological choices have made this system possible, including the development of a new motion profile transmission protocol (Kinelinek) that provides sampling and synchronization and also supports several levels of fault protection.

HOW THE MAD WAVE MOTION™ KINELINK PROTOCOL WORKS

With data streaming between the main station and the actuator's DSP, a total of 18 parameters (such as weight, current, and heat) are being continuously monitored. The central station can detect the presence of a person by using the weight detection. This means that the seat only works when someone is sitting in it. This extends the life of the actuators.

**MUCH MORE
AFFORDABLE
THAN COMPETING
SYSTEMS!**



