



Ferretti International s.r.l.

Flight simulator • Italian advanced technology in the world

THE POWER OF THE MOTION

... motion simulation technology for entertainment and education





TABLE OF CONTENTS

SKY NINE	pag . 4
TOP TEN	pag . 5
STAR 9.....	pag . 6
STAR 25	pag . 7
F-THREE	pag . 8
BOEING 777.....	pag . 9
SIMULATORS ON TRAILER.....	pag . 10
RIDES.....	pag . 11

SYMBOLS



LOW SMOKE/FOG



WATER SPRAY



LEG TICKLERS



WIND WITH
2 DIFFERENT SPEEDS



FACE AIRBLAST



NECK BLAST



FLOOR VIBRATION



FLOOR MOVING
UP AND DOWN



AROMA



SNOW



BUBBLES



SPECIAL EFFECTS
LIGHTING



STROBO



LASER

SINCE 1977

SINCE 1977

FERRETTI INTERNATIONAL is active in the amusement business since 1977 when it was founded by Mr. Ferretti Gianluigi.

During last 20 years the company has concentrate its business mainly in the manufacturing of simulators and multi dimensional cinemas having at the moment more than 400 installations worldwide.

We can offer to our customers the widest range of simulators and cinemas you can find in the market, in fact we start start from 3 seats up to 300 seats cinemas.

As members of IAAPA and ANCASVI we attend the main exhibitions of our field in the world and our R&D Department consistently looks for new product and development.

Rapid servicing spare parts availability in stock and 36 months warranty are amount our strengths, however our customers forget us as a result of the durability of our systems.

Our company has also received distributionship of major movies producers in the world.

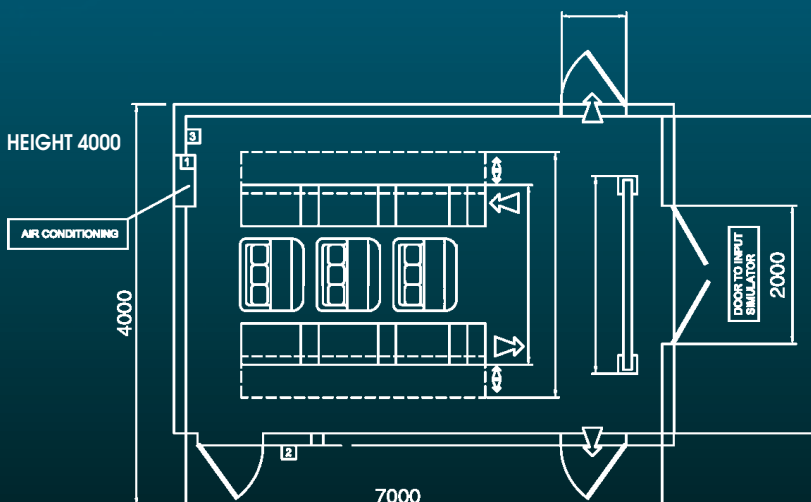


SKY NINE 9

The 9 seats Cinema is supplied in a multiple of 9 seats passengers platforms from 9 through to 90 seats, mounted upon a dynamic 3 DOF Hydraulic motion base complete of internal transducers and electronic valves. The seats are supplied by SPARCO and available in many different colours. The power unit is mounted on the motion base.



ISTANBUL - TURKEY



4D EFFECTS

- Low smoke/fog
- Water spray
- Leg ticklers
- Wind with 2 different speeds
- Face airblast
- Neck blast
- Laser
- Strobo
- Snow
- Bubbles

TYPICAL CUSTOMERS

- Family entertainment centers
- Cinemas
- Aquariums
- Zoos
- Museums
- Theme Parks
- Science Centers

CUSTOMER CARE

- 2 years warranty
- User guide
- Diagnostic manual
- CE certificate
- Factory comprehensive training
- On site installation and training
- Touch screen to monitor, cylinders, valves to diagnose eventual problems or malfunctioning

SAFETY

Each seat is equipped with a retractable seat belt which is interlocked with a seat sensor to provide passenger safety and system monitoring. Emergency stop buttons located on each line. Automatic Hydraulic Hand rails in front of the passengers.

ELETRICAL REQUIREMENTS

Each motion Platform requires a 50/60 HZ 415 VAC, 3-phase, neutral & earth supply (5 wire), power consumption 25 Amps.

SOUND SYSTEM

HIGH QUALITY 5.1 PROFESSIONAL SYSTEM.











TOP TEN 10

The 10 seats Cinema is supplied in a multiple of 10 seats passengers platforms from 10 through to 100 seats, mounted upon a dynamic 6 DOF Hydraulic motion base complete of internal transducers and electronic valves. The power unit is separate from the motion base. The seats are made in grade 1 fire retardant fiberglass.





AL KHOBAR - K.S.A.

STANDARD 4D EFFECTS

-  Low smoke/fog
-  Water spray
-  Leg ticklers
-  Wind with 2 different speeds
-  Face airblast
-  Neck blast
-  Snow
-  Bubbles
-  Strobo
-  Laser

OPTIONAL 4D EFFECTS

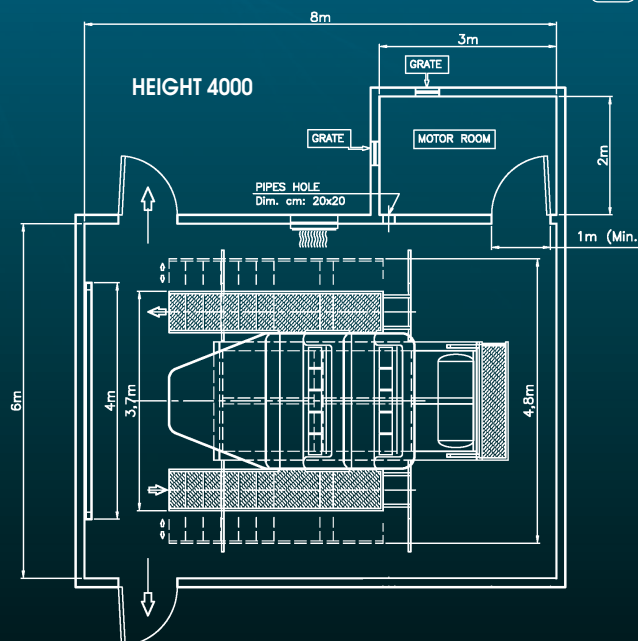
-  Aroma
-  Special effects lighting

TYPICAL CUSTOMERS

- Family entertainment centers
- Cinemas
- Aquariums
- Zoos
- Museums
- Theme Parks
- Science Centers

CUSTOMER CARE

- 2 years warranty
- User guide
- Diagnostic manual
- CE certificate
- Factory comprehensive training
- On site installation and training
- Touch screen to monitor, cylinders, valves to diagnose eventual problems or malfunctioning



SAFETY

Emergency stop buttons located on each line. Automatic Hydraulic Hand rails in front of the passengers. Automatic gates in connection with automatic stairs.

ELETRICAL REQUIREMENTS

Each motion Platform requires a 50/60 HZ 415 VAC, 3-phase, neutral & earth supply (5 wire) rated at 63 Amps.

SOUND SYSTEM

HIGH QUALITY 5.1 PROFESSIONAL SYSTEM.

STAR 9

Pneumatic cinema: the 9 seats cinema pneumatic version is mounted upon a 3 Dof pneumatic motion base complete of air cylinders and pneumatic valves. The seats are supplied by sparco and available in many different colours. The compressor is screw from Fini Compressors.



4D EFFECTS

- Low smoke
- Water spray
- Leg tickler
- Wind with 2 different speeds
- Face airblast
- Neck blast

OPTIONAL 4D EFFECTS

- Laser
- Strobo
- Bubbles
- Snow

SAFETY

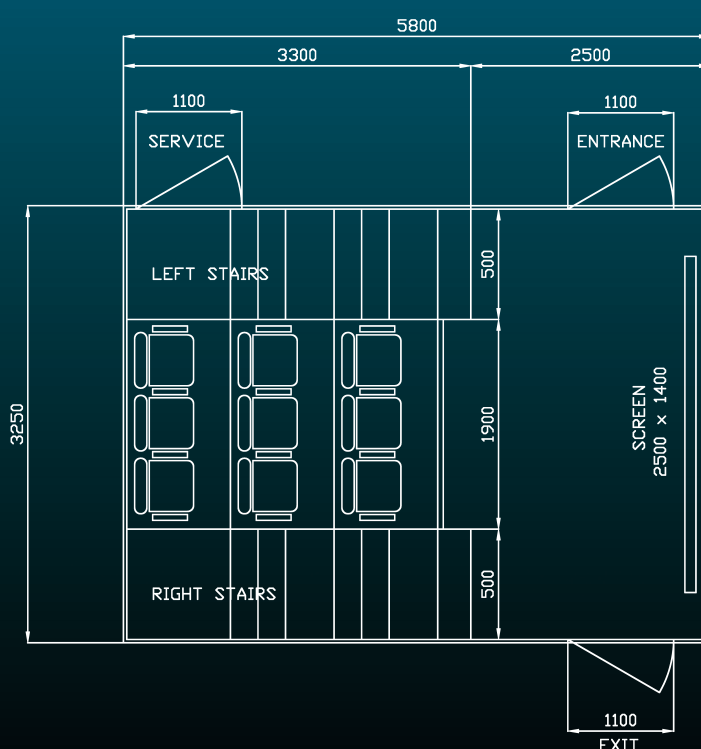
Each seat is equipped with a retractable seat belt, emergency stop button.

ELETRICAL REQUIREMENTS

Each motion Platform requires a 50/60 HZ 415 VAC, 3-phase, neutral & earth supply (5 wire), power consumption 20 Amps.

SOUND SYSTEM

HIGH QUALITY PROFESSIONAL SYSTEM.



TYPICAL CUSTOMERS

- Family entertainment centers
- Cinemas
- Aquariums
- Zoos
- Museums
- Theme Parks
- Science Centers

CUSTOMER CARE

- 2 years warranty
- User guide
- Diagnostic manual
- CE certificate
- Factory comprehensive training
- On site installation and training
- Touch screen

STAR 25

The 25 seats cinema is mounted upon a dynamic 3 Dof hydraulic motion base complete of external transducers and electronic valves. The seats are supplied by sparco and available in many different colours. the power unit and electrical box are separate from the motion base.



ULAN UDE - RUSSIA

4D EFFECTS



Low smoke/fog



Water spray



Leg ticklers



Wind with 2 different speeds



Face airblast



Neck blast



Laser



Strobe



Snow



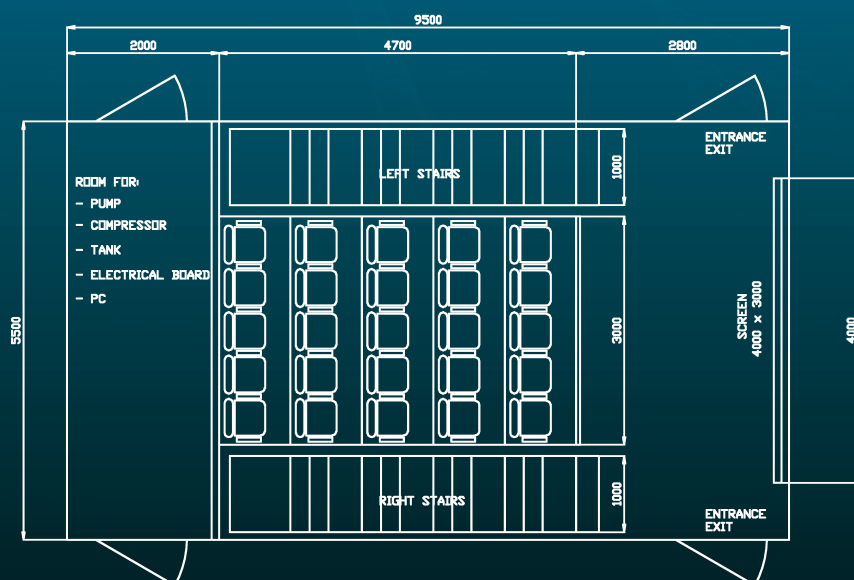
Bubbles

TYPICAL CUSTOMERS

- Family entertainment centers
- Cinemas
- Aquariums
- Zoos
- Museums
- Theme Parks
- Science Centers

CUSTOMER CARE

- 2 years warranty
- User guide
- Diagnostic manual
- CE certificate
- Factory comprehensive training
- On site installation and training
- Touch screen to monitor, cylinders, valves to diagnose eventual problems or malfunctioning



SAFETY

Each seat is equipped with a retractable seat belt which is interlocked with a seat sensor to provide passenger safety and system monitoring. Emergency stop buttons located on each line. Automatic Hydraulic Hand rails in front of the passengers.

ELETRICAL REQUIREMENTS

Hydraulic Platform requires a 50/60 HZ 415 VAC, 3 phase, neutral and earth supply, power consumption: 110 Amps.

SOUND SYSTEM

HIGH QUALITY 5.1 PROFESSIONAL SYSTEM.

FTHREE

FLIGHT SIMULATOR

3 DOF hydraulic motion base equipped with 3 cylinders with VRVT Transducers, 3 high performance electronic valves, Hydraulic Power Pack, 300lt. Oil tank, High grade hydraulic hoses, oil level sensor, filter sensor, Intercooler and Accumulator. The power unit works at low pressure



CUSTOMER CARE

- 2 years warranty
- User guide
- Diagnostic Manual
- CE Certificate
- ADIPS Certificate
- Factory comprehensive training
- On site basic training

OPERATING DIMENSIONS

- Width: mm. 3.600
(with stairs on both sides)
- Length: mm. 3.400
- Height: mm. 2.100 (Max. 3.000 mm)
- Weight: KG. 1.150

SAFETY

- Emergency Stop Button inside the capsule
- Safety Skirt
- Seat Belts with sensors
- Seats with weight sensors
- Hand Rails inside the capsule
- Doors Open sensors

POWER REQUIREMENTS

The simulator requires a 3-phase supply of 380 - 415 V at 16A per phase 50 HZ

TRANSPORT

- N. 1 CTR 20 feet = N. 1 Simulator
- N. 1 CTR 40 feet = N. 3 Simulators

SPECIAL EFFECTS

-  Wind
-  Strobe

VISUAL

- 3D 42" LCD Monitor with protective glass
- Kiosk with 17" LCD Monitor showing ride experience

AUDIO

- Stereo 2 Channels 3 ways
- Power 40 WATT rms

CAPSULE

- The capsule is made in high quality fire retardant fiberglass
- Inside is covered with fire retardant moquette
- 3 individual seats from SPARCO inside the capsule
- Manually operated doors with close sensors
- Removable Front for Inspection
- Colours at customer choice

ON BOARD COMPUTER

- Volume Adjustment
- Positioning Control
- Non-reset total money counter
- Individual note/coin channel counter
- Total people counter
- USB Memory sticks for ride data
- Custom intro and goodbye movies
- Touch Screen to monitor cylinders, valves to diagnose eventual problems







NEW BOEING 777

FLIGHT SIMULATOR

6 DOF hydraulic motion base equipped with 6 cylinders with VRVT transducers, 6 high performance electronic valves, separate hydraulic power unit complete of electric box, capsule in high quality fire retardant fiberglass, inside benches with hand rails, maximum capacity: 10 passengers. Pneumatic doors which opens automatically when the simulator reaches the rest position. Wide range of colours and finishes. Automatic internal lights.



SPECIAL EFFECTS

-  Low smoke/fog
-  Water spray
-  Leg ticklers
-  Wind with 2 different speeds
-  Face airblast
-  Strobo

AUDIO/VISUAL

DLP high resolution projector complete of active glasses for 3D view
audio: 2 speakers front 100 Watt each
one 2 ways, subwoofer 300 Watt.

PROGRAMS

From 3 to 5 minutes.

SIMULATOR OPERATING ENVELOPE

Maximum width: 5.000 mm.
Maximum length: 6.000 mm.
Maximum height: 4.000 mm.

WEIGHT

Kg. 4.500 excluding passengers.

MOTION DYNAMICS

Heave: +/- 60 cm.
Roll: +/- 25°
Pitch: +/- 25°
Yaw: +/- 26°
Sway: +/- 60 cm
Surge: +/- 60 cm



INTEGRATED SAFETY SYSTEM

Emergency stop buttons located on the console and on-board, when activated, all power is shut off, the simulator go immediately to rest position and the doors open automatically up assisted. Integrated emergency lighting and fire detection system. Door warning closing system.

OPTIONS

- Operator's kiosk.
- Ride programming.
- Intercom from communication with passengers via speakers/microphones.
- Entrance and exit stairs with gates.
- Internal video camera.

CUSTOMER CARE

- 2 years warranty
- User guide
- Diagnostic manual
- CE certificate
- SASO Certificate
- Factory comprehensive training
- On site basic training
- Touch screen to monitor cylinders, valves to diagnose eventual problems or malfunctioning

In the interest of product improvement, Ferretti International, from time to time, may change this specification.

SIMULATORS ON TRAILER

Our simulators mobile version are mounted on a semitrailer of mt. 13,60 complete of air suspension, abs, hydraulich facade, hydraulich cylinders to stabilize the trailer, electric generator and ticket box.



ZARAGOZA - SPAIN



GOIANIA - BRASIL



BRUXELLES - BELGIUM

INTEGRATED SAFETY SYSTEM

Emergency stop buttons located on the console and on-board, when activated, all power is shut off, the simulator go immediately to rest position and the doors open automatically ups assisted. Integrated emergency lighting and fire detection system. Door warning closing system.

4D EFFECTS

-  Water spray
-  Leg ticklers
-  Wind with 2 different speeds
-  Face airblast
-  Neck blast
-  Strobo

TYPICAL CUSTOMERS

- Showmen
- Fairground
- Events
- Advertising Company

CUSTOMER CARE

- 2 years warranty
- User guide
- Diagnostic manual
- CE certificate
- Factory comprehensive training
- On site installation and training
- Touch screen to monitor, cylinders, valves to diagnose eventual problems or malfunctioning

AUDIO/VISUAL SYSTEM

Standard visual: high resolution DLP projector utilising mpeg4 digital source imagery, 3D active glasses or 3D circular polarized passive glasses for 3D view. Audio: 2 speakers front 100 Watt each one 2 ways, subwoofer 300 Watt.

ELETRICAL REQUIREMENTS

Hydraulich Platform requires a 50/60 HZ 415 VAC, 3 phase, neutral and earth supply, power consumption: 110 Amps.

RIDE FILMS

AIRFIGHTER



BUMPER CAR



COSMIC COASTER



FRANKENSTEIN XD



HAUNTED MINE RIDE



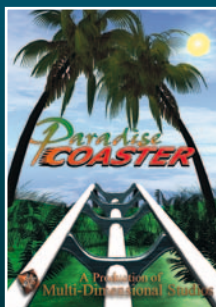
JETPACK ADVENTURE



OCEAN JUNGLE



PARADISE COASTER



AMAZON



ROBOTS OF MARS

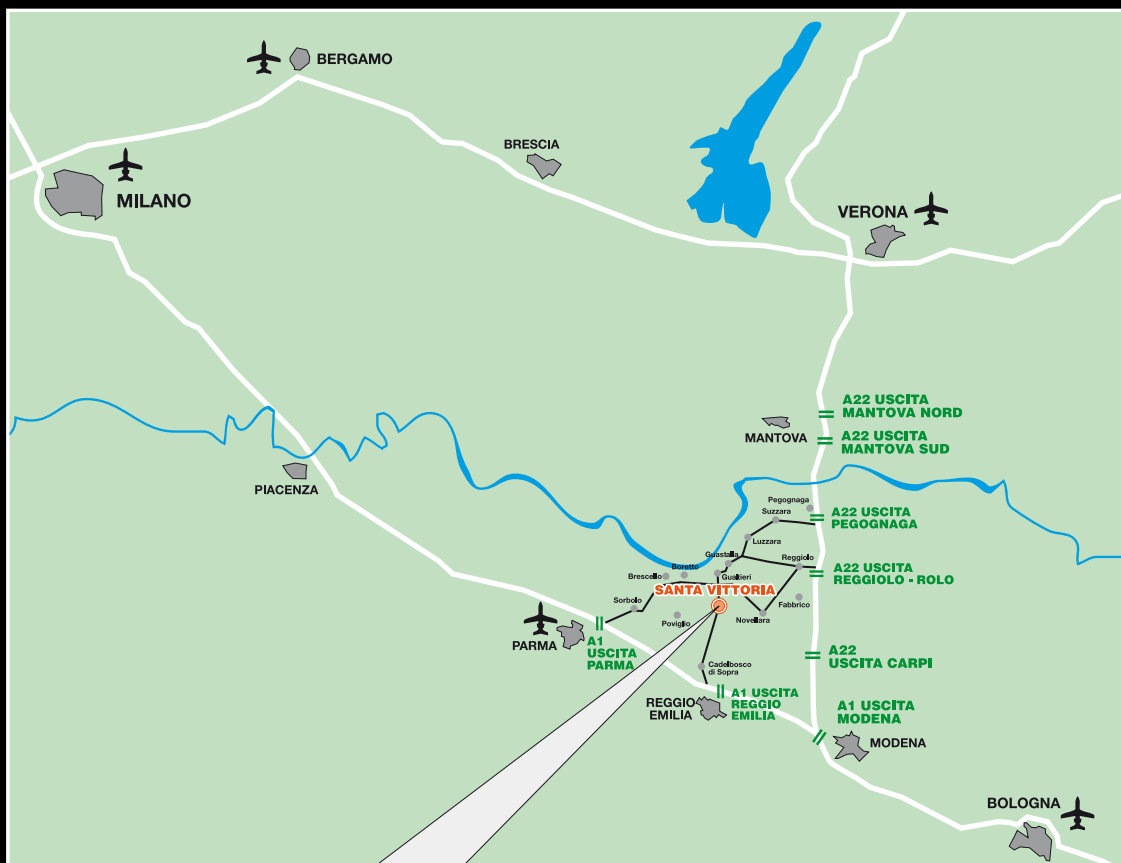


SNOW RIDE



VIRTUAL TIME MACHINE





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Flight simulator • Italian advanced technology in the world • World wide amusement

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