

## MAGNA GRECIA – Multimedia and Theater in Senise, Italy

### LOBO supplies Show Solution for Grand Amphi Theater in Senise, Italy

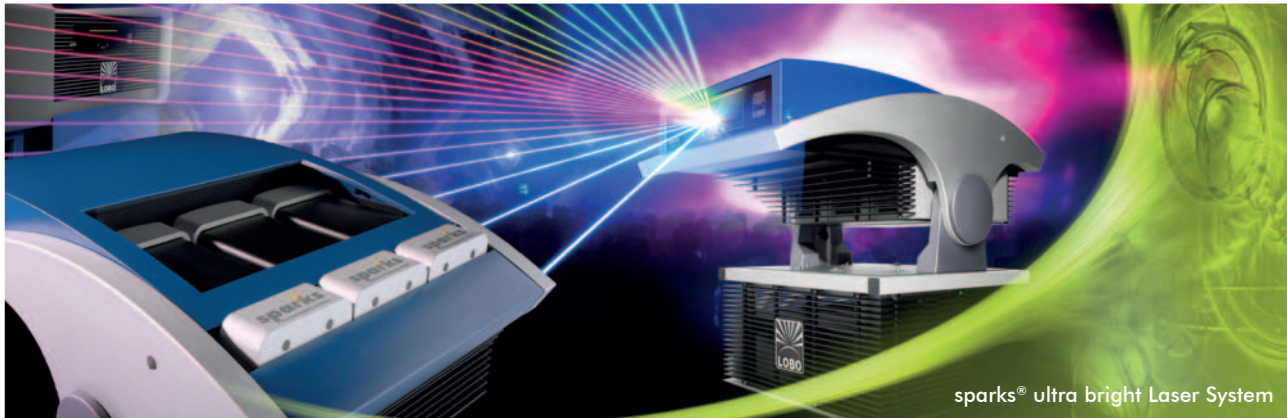
LOBO Laser- and Multimedia Systems realized a digital stage design by Paolo Atzori.

This most astonishing theater / multimedia environment was to be custom tailored for THE MYTH OF ORIGINS, a recapture of history, enriched by travel, laser and video

projections on waterspray canvas, choreography, magic dialogues, vision of the future and business dangers, alternating live stage performances with image narrative, combining modern theater and cinema.



The idea was to also animate the ambitious setting of the Greek-Amphi-Theater-like Arena Sinni of Senise, an impressive scenic space of 4,000 square meters, 2,500 seats and a 3,200-square-meters water basin respecting the surrounding environment with the predominance of local natural materials such as tuff and wood – an ideal scenario for experimenting with the most advanced technologies.



sparks® ultra bright Laser System

For this purpose, LOBO configured, supplied and implemented a state of the art showlaser system to take care of all arising laser light phantasies. It became a sparks® system, equipped with an Optically-Pumped Laser Module, Model sparks®-XG15. With a typical brightness (with PCS) ELB200: 1703 W/m<sup>2</sup>, its collimated beam, thanks to the LOBO PCS® system, is outstandingly bright and perfectly suited for long distance projections such as in Senise.

Thanks to the triple stage active cooling system, the sparks® is suitable for continuous operation at high ambient tem-

peratures of more than 40°C, which can easily be the case at hot climate regions such as Senise. Along with the sparks®, LOBO chose a failsafe LACON-5® – a hybrid parallel multiprocessor Laser- and Multimedia Workstation in compact version, running in sync also with video, fire effects and other media. The standard optical signal transmission by Digital Data Link DDL-2® was the perfect option for overcoming long distance signal carriage, contrary to copper cable solutions – also underwater! Additionally, this feature generally enables the remote administration and configuration of devices supporting the

DDL-2® protocol. The LACON-5® was equipped with all necessary modules to be able to control any kind of standard DMX devices, RS-232 interfaced peripheral devices, and parallel I/O controlled devices via 20 configurable digital in- or output channels (e.g. for remote control of the LACON-5® or fog generators, etc.) A Timecode Module was also implemented, a sort of Plug-in electronics for the LACON-5® series with LTC reader / generator for time code according to SMPTE / EBU-standard for synchronization with external media systems.



LACON-5® Laser- and Multimedia Workstation





Water Screen Setup Senise

For sufficient light and imagery projection area, LOBO provided water screens (jet version), respectively one on the left and one on the right. LOBO configured them to be 12 alignable 2 m long distributor segments for creating a vertical rectangular water screen according to the fountain principle with a height of approx. 10 m, including individually adjustable nozzles (96 pieces) and special submersible pumps. Additionally, a 28m wide water screen (spray version) with an outstandingly homogeneous high density spray for high resolution imagery was put in the center of the basin. For this purpose LOBO configured and implemented a Central pump unit, consisting of two multi-level submersible pumps, with an integrated spray nozzle in stainless steel design for creating an almost semi-circular water film with a spray diameter as already mentioned.

At a total Power Consumption of 60 kW, an automatic star-delta soft start controlling, a motor protection switch, a double redundant design with 100 m cable to each pump as well as a fault current circuit breaker ensures smooth operation.

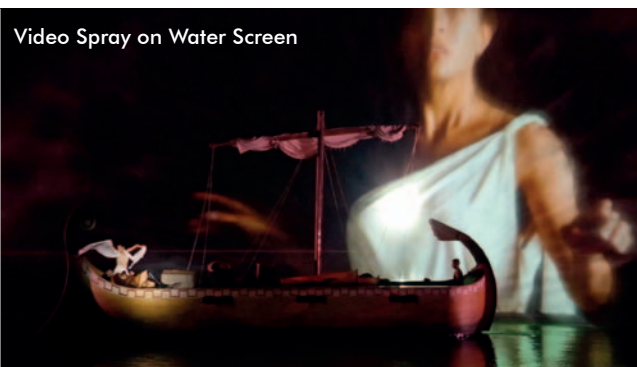


Water Screen Spray Version



A multitude of LOBO fog and fan units were placed for an optimum of visual effects harvesting. Further complementary elements were led walls and video projector units, moving

lights and fire walls. And now just envision this playground combined with the grandeur of scenes that play ruins, fleets, battles and giants.





The result is theater, cinema, dance and spectacular effects with state-of-the-art technologies – elements that, in perfect synergy, accompany the audience in the adventure of MAGNA GRECIA - THE MYTH OF ORIGINS, the great multimedia show designed by Emir Kusturica.

MAGNA GRECIA - THE MYTH OF ORIGINS now runs in its second season, 25 times this year, until 9th of September, with immense positive response. It alternates live stage performances with image narrative, comparing theater and cinema, involving actors such as Kusturica - the winner of two

Golden Palms at the Cannes Film Festival, here as Zeus - Giancarlo Giannini, Claudio Santamaria, Catherine Murino, Giorgio Colangeli, Christo Jivkov, Giovanni Capalbo, Greta Bellusci, with the participation of Sabrina Impacciatore and for the first time on the screens, young Zeno Atzori.

Written and directed by Lorenzo Miglioli, with theatrical direction by Nicola Zorzi, accompanied by Paolo Atzori for the technological direction and digital set-ups.



**MAGNA GRECIA**  
IL MITO DELLE ORIGINI

**II GRANDE RACCONTO dei GRECI in OCCIDENTE**

**ARENA SINNI - SENISE (PZ)**

**CALENDARIO SPETTACOLI 2017**

20/07 h 21.30	10/08 h 21.30	24/08 h 21.30
22/07 h 21.30	12/08 h 21.30	26/08 h 21.30
27/07 h 21.30	13/08 h 21.30	27/08 h 21.30
29/07 h 21.30	14/08 h 21.30	31/08 h 21.30
30/07 h 21.30	16/08 h 21.30	29/09 h 21.30
3/08 h 21.30	17/08 h 21.30	3/10 h 21.30
5/08 h 21.30	19/08 h 21.30	5/10 h 21.30
6/08 h 21.30	20/08 h 21.30	
9/08 h 21.30	23/08 h 21.30	

**IL GRANDE SPETTACOLO**  
The Great Show  
DIREZIONE ARTISTICA  
Emir KUSTURICA

Source <http://www.magnagreciasenise.it/>

**Important notice:** all laser effects on the images derive from real photographs and have not been generated on computers.