



MANTECH

PORTFOLIO

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Welcome
TO MANTECH



Welcome to ManTech, the largest most successful and preferred provider of Amusement Park Rides, Games, Small and Major, Musical Water Fountains Led Lighting and 3D cinema's thru out Egypt and the Middle East region. ManTech is truly unique in providing their services, including consultancy, integration, design, and project management.

We strive to true professionalism in delivery and support to our highly valued clients and our state of the art expertise, coupled with post customer care support that is second to none.

Our commitment to the amusement and digital industry goes far beyond our office walls; we dedicate our time and expertise in order to satisfy our valued client requirements and wishes.

In order to better acquaint you with the various offerings of our companies product portfolio, kindly take some time to visit our Web site: www.mantecheg.com and please do not hesitate to contact us if you have any further questions and queries.



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BICYCLE PARK

Project PORTFOLIO

ManTech Have successfully Supplied and Installed both Major and Small Rides with production, led light - musical fountain- filming, installing and install and maintaining 3D cinema's simulators Worldwide such as the following: Egypt-Spain - Malaysia - argentine - Saudi - Qatar - emirates (for references please contact us)



Memorial And National Plaza Design And Installation In Administrative Capital In Egypt

LIST OF PROJECTS

MILITARY MUSEM IN ALAMEN, EGYPT

- Design, supply and installation of the memorial fountain at the entrance to the Museum.

MALL OF EGYPT IN 6TH OCTOBER, EGYPT

- Design, supply and installation of snowboard lounge games and rides.

MEDIA PRODUCTION CITY IN 6TH OCTOBER, EGYPT

- The Development of the Simulator 40 passengers and the installation of Woven House Ski Hall area of 500 meters and a height of 7 meters
- Installation and Supply of equipment for the development of moving theater
- Installation of dry ski lounge
- Design and installation of Fun House

BICYCLE PARK IN FUTURE CITY

- Design, supply and installation of musical fountain.

THE OLYMPIC CENTER IN MAADI, EGYPT

- Installation and training of animated cinema equipped with shooting guns for 9 individuals.

ALMASA HOTEL IN NASR CITY, EGYPT:

- Installation and training of animated cinema equipped with shooting guns for 9 individuals.

ALMAZA AIRPORT MUSEUM IN EGYPT

- Installation and training of animated cinema equipped with shooting guns for 9 individuals.

SEPARATE PROJECTS IN EGYPT

- Supplying and installing a cinema hall after 7 years in Mansoura, Ras El Bar, Banha, El Behaira, Kom Hamada, Central, Beni Suef, Alexandria, and Cairo.

COMMAND OF THE THIRD ARMY AJRUD IN SUEZ, EGYPT

- VIP lounge access, helicopter access, conference hall, lighting, and acoustics.

HATAM MALL IN MALYSIA

- Supply and installation of two cinema rooms 30 chairs including films and effects.

BADR PARK (THIRD ARMY PROJECT) IN SUEZ, EGYPT

- Children's Park: Colliding cars and Rotary chains-wheel
- Rocket height 9 meters manufacturing and training on operation.

X-RAIDER AMUSEMENT PARK IN MALAYSIA (KUALA LAMPUR AND MELAKA CITIES)

- 6D Full effects and motion, 12 theater indoor seats for the theater's interior.

FASTIA LAND - ALICANTE PROVINCE ALICANTE, SPAIN

- Upgrading software and hardware for motion and visual simulation (Doron SRV).

SAMA GROUP IN EGYPT

- Musical Fountain and Scenery Lightings.

ORASCOM EGYPT MID TABA HOTEL & CLUB

- Led Light Lightings fixings and DMX interior System in the main SPA Building, Restaurants and The Landscape.

CONCORDE EL SALAM IN HELIOPOLIS, CAIRO

- Indoor and Outdoor Led Lighting for Testa Rosa Café and Restaurants.
- Grounding System
- All Power Distribution and Main Switching Panels

CONCORDE EL SALAM IN SHARM EL SHIEKH, EGYPT

- Water slide with pumping and control room.
- Water screen with musical fountain facilities.
- Landscape lighting system design.
- Hotel rooms lighting fixations for less energy consumption and better performance.

MARRIOTT HOTEL/RESORT IN SHARM EL SHIEKH, EGYPT

- Led Lighting Supplying and Fixing.

MEDIA PRODUCTION COMPANY IN 6TH OF OCTOBER CITY, EGYPT

- Upgrading software and hardware for motion and visual simulation (Doron SRV).
- Land mark the new management company
- Digital led light and magnetic card prepaid ticket system
- Animatronics' for dinosaurs land

THE ALEXANDRIA LIBRARY IN ALEXANDRIA, EGYPT

- A complete 3D cinema system fully installed and operated associated with educational movies.

SINDBAD AMUSEMENT PARK IN CAIRO, EGYPT

- 3D cinema Center; Fun and Entertainment movies.
- Consultancy and Maintenance for the entire Amusement park.

CAIRO LAND IN CAIRO, EGYPT

- Upgrading Software and Hardware for motion and visual Simulation

GERO LAND CAIRO, EGYPT

- Consultancy, Maintenance and Upgrade out motion of all rides and equipment as per Original product catalogue.

EL HOUKER GROUP IN SAUDI ARABIA

- Upgrading software and hardware for motion and visual simulation (Thompson V14).
- Digital led lighting for rides and Guest lounge area.
- Sound effects generators.
- Animatronics for dark room rides.

EL MANGOUF GAZAN IN SAUDI ARABIA

- Upgrading software and hardware for motion and visual simulation Mansour Technologic.

EL MANGOUF GAZAN IN SAUDI ARABIA

- Led light and musical fountains.
- 3D theater with special effects

EL KAYED EKHWAN IN SAUDI ARABIA

- 5D Theater with motion and effects.

ATTALLAH EKHWAN IN SAUDI ARABIA

- Upgrading software and hardware for motion and visual simulation (MacFaden 6DOF)

LENERZ GROUP IN SAUDI ARABIA

- Upgrading software and hardware for motion and visual simulation (Entersim 6DOF)

DOLPHIN MALL IN 6TH OF OCTOBER CITY, EGYPT

- Installation and Operation of 9 Chinese made Electronic Seats.
United American 2013-10 years

STEIGENBERGER HOTEL IN HURGHADA, EGYPT

- Led Light and Water performance called The Future Light.

DALY CITY MALL DAMANHUR, EGYPT

- Installation and Operation of 9 Chinese made Electronic Seats.

HASSAN MALL IN THE CITY OF RAS EL BAR, EGYPT

- CH Installation and Operation of 9 Chinese made Electronic Seats.

EL-ZOHOUR CLUB IN MANSOURA, EGYPT

- Installation and Operation of 9 Chinese made Electronic Seats.

SERAG MALL IN CAIRO, EGYPT

- Installation and Operation of 9 Chinese made Electronic Seats.

BADR MARKET IN SUEZ, EGYPT

- Militaries Project - Kids Park manufacturing and operation.



Russian and Nigeria client come and visit us 2008
俄罗斯和尼日利亚客户



2015 in Egypt

墨西哥客户 Mexico customer



摩洛哥客户



Morocco customer



乌兹别克斯坦客户
Uzbekistan customer



The Egyptians and the Chinese are good friends



Danmark customer
丹麦客户



Romania customer 罗马尼亚客户



Russia customer
俄罗斯客户



More than 10 customers from Egypt



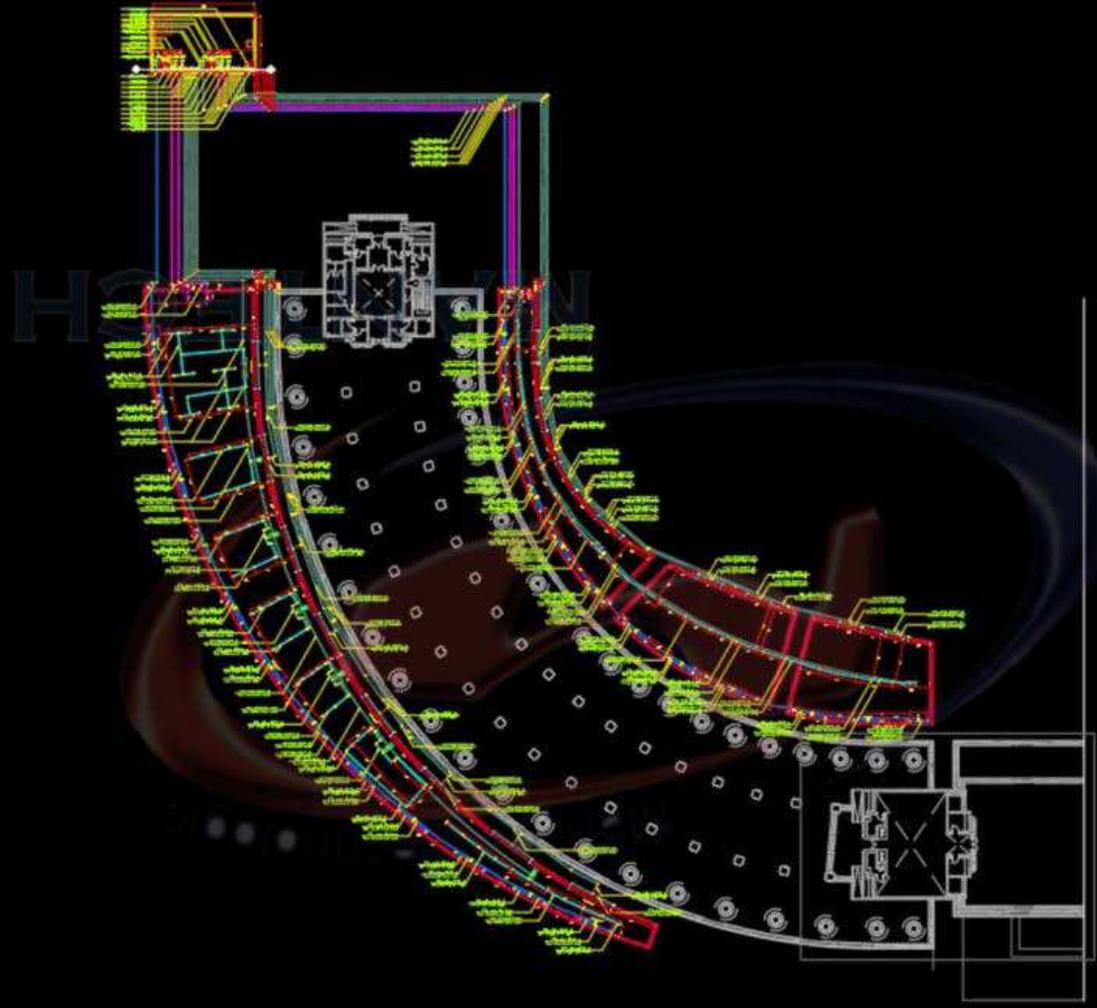
埃及10多个客户





Design
SECTION







Installation
SECTION

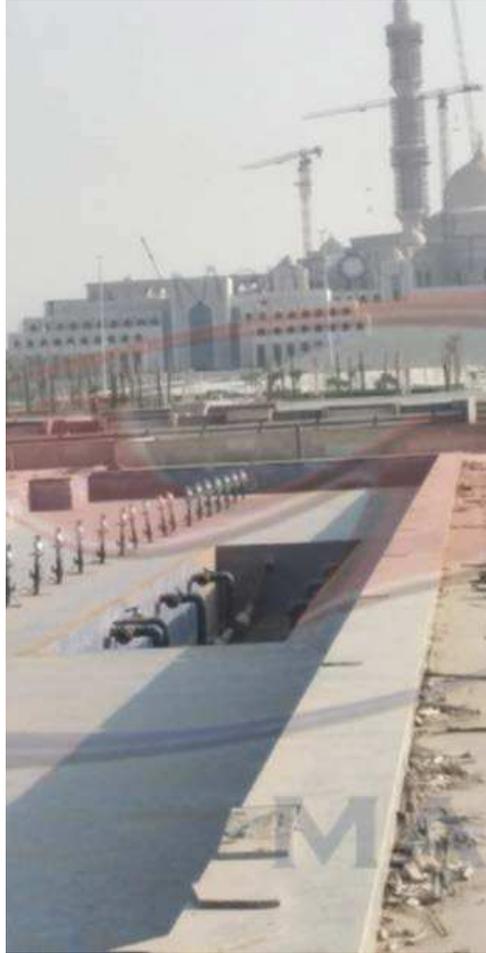




2014 Iran height is 100m music fountain









Control

SECTION

Design, Supply and Installation
The MCC panel builder control panel











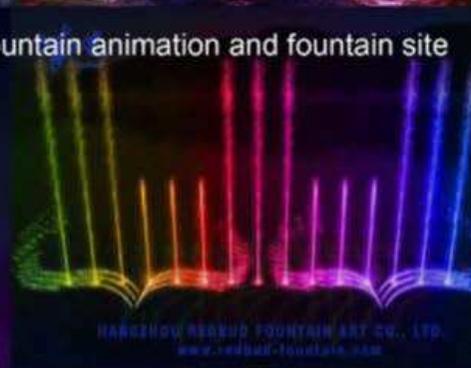
2011年, 以色列阿什杜德市音乐喷泉工程



工程中有水幕投影表演



2011 Ecuador Quito music fountain and water screen show



Compare of designed music fountain animation and fountain site

公司设计的音乐喷泉动画和喷泉实景的比较





2008,2009,2010,Syria Tripoli 3 music fountain project

2008年, 2009年, 2010年, 叙利亚的黎波里市的三个音乐喷泉工程



Syria music fountain design sketch
叙利亚音乐喷泉效果图

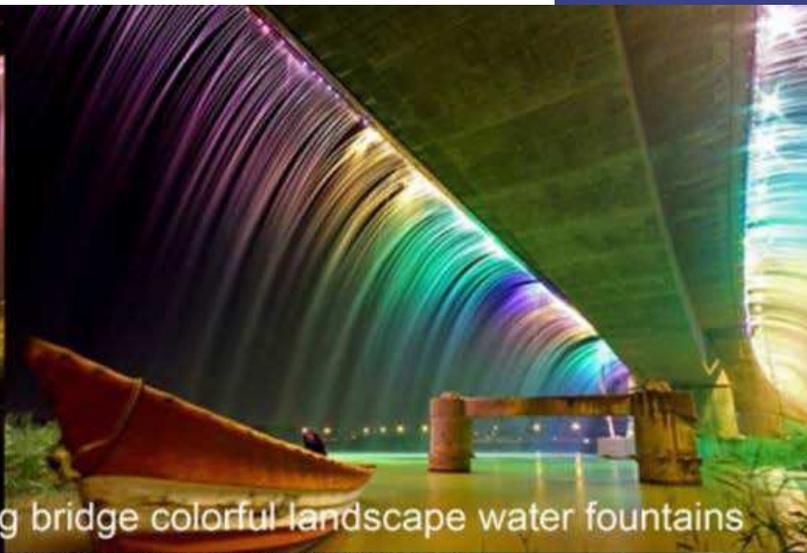


2006年, 罗马尼亚克鲁日市直径30米的音乐喷泉工程



2006, Romania Cluj city monument diameter 30 meters music





2011 Iran Teheran city 150 meters long bridge colorful landscape water fountains

2011年, 伊朗德黑兰市150米长大桥七彩水帘喷泉景观



2014 Thailand Fire fountain 16set



Used aviation kerosene Fire fountain
Or crude distillation isomerization alkane solvent

使用航空煤油的火喷泉 5-6m



2006-2015年, 俄罗斯克拉斯诺达尔系列音乐喷泉工程



2006-2015, Russia Krasnodar music fountain projects





2008 China H silk museum music fountain project

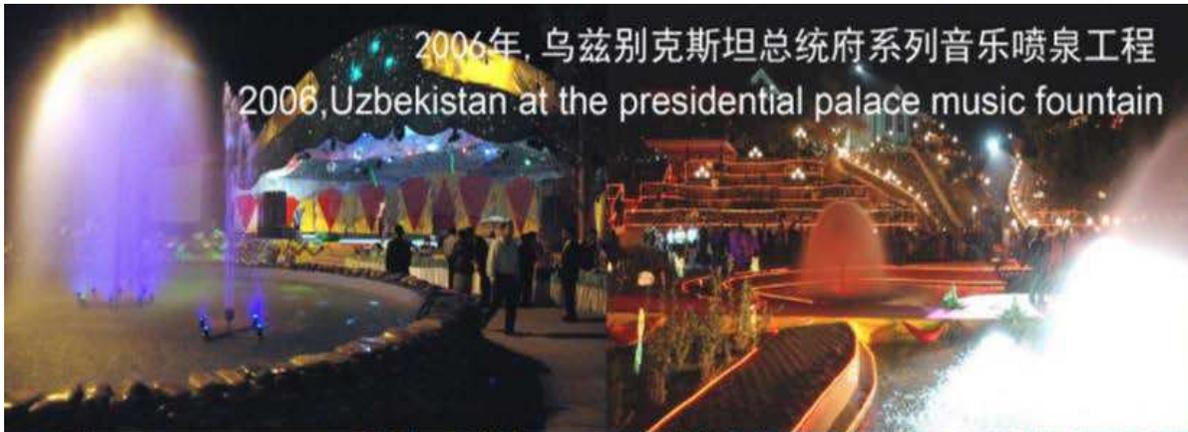


With machincal bird swing,machinical ring swing founatin



有机械鸟式摇摆,机械圆摇摆喷泉

2008年,中国杭州丝绸博物馆音乐喷泉工程



2006年, 乌兹别克斯坦总统府系列音乐喷泉工程
2006, Uzbekistan at the presidential palace music fountain



2010-2015 Ecuador Quito
music fountain project



2007 Kazakhstan museum of nature music fountain project
2007年, 哈萨克斯坦自然博物馆音乐喷泉工程



2005 Danmark fountain landscape project
2005年, 丹麦喷泉水景工程



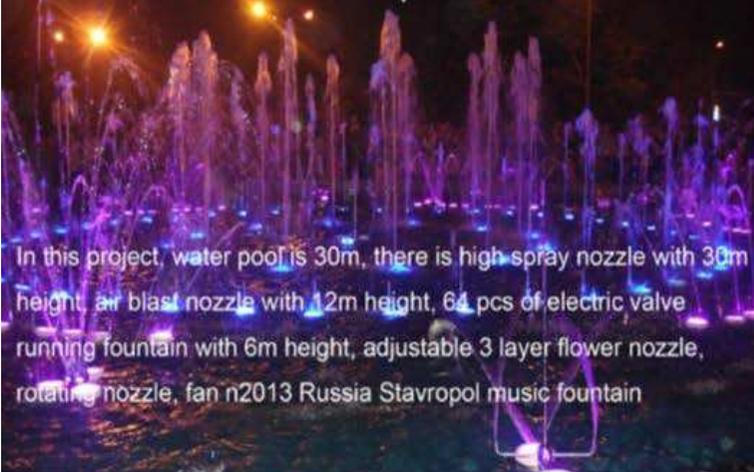
2010-2015厄瓜多尔
基多市系列音乐喷泉工程



2007年, 巴勒斯坦耶路撒冷市街心音乐喷泉工程



2013 Russia Stavropol music fountain



In this project, water pool is 30m, there is high-spray nozzle with 30m height, air blast nozzle with 12m height, 64 pcs of electric valve running fountain with 6m height, adjustable 3 layer flower nozzle, rotating nozzle, fan n2013 Russia Stavropol music fountain

这个工程中水池为30米, 有喷高30米的高喷头, 12米高的加气水柱喷头, 64个喷高6米的电磁阀跑泉, 有可调三层花喷头, 旋转喷头, 扇形喷头. 水池底部为泵房, 喷泉使用的泵为循环泵, 喷泉全部由音乐控制.

2013年, 俄罗斯斯塔夫罗波尔市音乐喷泉工程



Compare of music fountain animation designed by our company and finished fountain
 我公司设计的效果图和施工完成的喷泉效果的比较





2006年, 特立尼达和多哥共和国激光水幕喷泉工程

2006 ,Trinidad and the republic of Togo lazer and water screen project





High nozzle, big rotating nozzle, big finger nozzle, big peacock nozzle, one direction digital swing nozzle, water curtain, 11000 lumens projector and 10w green laser used in the engineering.



2014年, 以色列内提沃特市大型音乐喷泉, 激光表演, 水幕电影工程
2014 Netivot Israel big music fountain, lazer show, water screen movie project.



工程中使用的高喷头,
大旋转喷头, 大手指喷头,
大孔雀喷头, 水幕喷头,
一个方向数字摇摆喷头,
11000流明的投影仪和
10W的绿色激光.



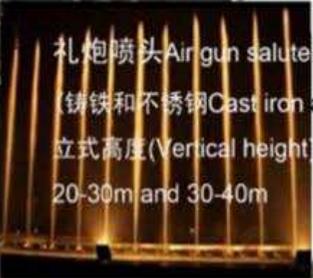
爆炸喷头 Air blast nozzle (铸铁和不锈钢 Cast iron and S-steel)
高度 (Height): 6-7m and 8-10m



大礼炮喷头: 50-60m
Big air gun salute nozzle



礼炮喷头 Air gun salute nozzle
(铸铁和不锈钢 Cast iron and S-steel)
卧式高度 (Horizontal height):
15-20m and 25-30m



礼炮喷头 Air gun salute nozzle
(铸铁和不锈钢 Cast iron and S-steel)
立式高度 (Vertical height)
20-30m and 30-40m



Brass underwater solenoid valves
不锈钢喷泉专用电磁阀
DN15-DN125 (1/2"-5") AC/DC



S-steel underwater solenoid valves
不锈钢喷泉专用电磁阀
DN15-DN125 (1/2"-5"), AC/DC

Adjustable holder base for drydeck fountain coverplate



旱地喷泉盖板的塑料可调节支撑柱



Assemble water fountain pool (s-steel and Cast iron)

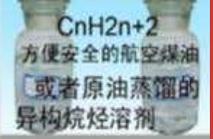
可以装拆的不锈钢(铸铁)水池

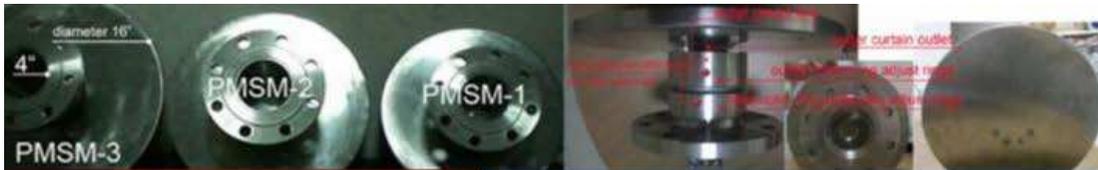


Spray paint



Used aviation kerosene Fire fountain
 Or crude distillation isomerization alkane solvent
 使用航空煤油的火喷泉 5-6m





S-steel water screen nozzle
can play laser and projection show



30m to 120m high nozzle
30-120高喷泉喷头

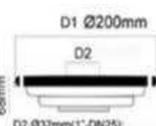




with base(B)
带底座



Lamp with mirror
带不锈钢镜面反光板
stainless steel membrane

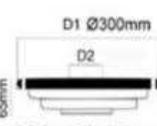


D1 Ø200mm
D2
68mm
D2 Ø32mm(1"-DN25);
可以更换为Ø26mm(3/4"-DN20).
D2 have Ø32mm(1");
can be changed into Ø26mm(3/4")

1. Lamp surface is threaded connection stainless steel plate with back water hole.
2. The lamp is stretched molding by s-steel.
3. Material: 304 stainless steel or 316 stainless steel.
4. Tempered glass 10mm thick and silicone sealed gasket.
5. 5pin stainless steel or alloy copper plating nickel center smooth through Fused arc-welded.
6. Stainless steel or alloy copper plating nickel water thread through Fused arc-welded.
7. Voltage range: AC12~220V/50HZ, DC12V or 24V.



1. 灯罩为镜面不锈钢(304或316)材质。
2. 灯罩通过拉伸成型。
3. 材料: 304或316不锈钢。
4. 钢化玻璃10mm厚和硅胶密封垫圈。
5. 不锈钢或铜镀镍的直通固定活动接头。
6. 不锈钢或铜镀镍的螺纹固定活动接头。
7. 电压范围: AC12~220V/50HZ, DC12V或24V。



D1 Ø300mm
D2
68mm
D2 Ø47mm(3/2"-DN40);
可以更换为Ø32mm(1"-DN25).
D2 have Ø47mm(3/2");
can be changed into Ø32mm(1").

1. Lamp surface is threaded connection stainless steel plate with back water hole.
2. The lamp is stretched molding by s-steel.
3. Material: 304 stainless steel or 316 stainless steel.
4. Tempered glass 10mm thick and silicone sealed gasket.
5. 5pin stainless steel or alloy copper plating nickel center smooth through Fused arc-welded.
6. Stainless steel or alloy copper plating nickel water thread through Fused arc-welded.
7. Voltage range: AC12~220V/50HZ, DC12V or 24V.



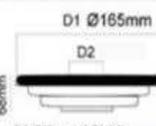
1. 灯罩为镜面不锈钢(304或316)材质。
2. 灯罩通过拉伸成型。
3. 材料: 304或316不锈钢。
4. 钢化玻璃10mm厚和硅胶密封垫圈。
5. 不锈钢或铜镀镍的直通固定活动接头。
6. 不锈钢或铜镀镍的螺纹固定活动接头。
7. 电压范围: AC12~220V/50HZ, DC12V或24V。



带安装耳朵
大功率不锈钢LED灯



with pipe installation
带安装支架
hoop(H)

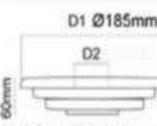


D1 Ø165mm
D2
68mm
D2 Ø32mm(1"-DN25);
可以更换为Ø26mm(3/4"-DN20).
D2 have Ø32mm(1");
can be changed into Ø26mm(3/4")

1. Lamp surface is threaded connection s-steel plate.
2. The lamp is stretched molding by s-steel.
3. Material: 304 stainless steel or 316 stainless steel.
4. Tempered glass 10mm thick and silicone sealed gasket.
5. 5pin stainless steel or alloy copper plating nickel center smooth through Fused arc-welded.
6. Stainless steel or alloy copper plating nickel water thread through Fused arc-welded.
7. Voltage range: AC12~220V/50HZ, DC12V or 24V.



1. 灯罩为镜面不锈钢(304或316)材质。
2. 灯罩通过拉伸成型。
3. 材料: 304或316不锈钢。
4. 钢化玻璃10mm厚和硅胶密封垫圈。
5. 不锈钢或铜镀镍的直通固定活动接头。
6. 不锈钢或铜镀镍的螺纹固定活动接头。
7. 电压范围: AC12~220V/50HZ, DC12V或24V。



D1 Ø185mm
D2
68mm
D2 Ø47mm(3/2"-DN40);
可以更换为Ø32mm(1"-DN25).
D2 have Ø47mm(3/2");
can be changed into Ø32mm(1").

1. The lamp is stretched molding by s-steel.
2. Material: 304 stainless steel or 316 stainless steel.
3. Tempered glass 10mm thick and silicone sealed gasket.
4. 5pin stainless steel or alloy copper plating nickel center smooth through Fused arc-welded.
5. 5pin stainless steel or alloy copper plating nickel water thread through Fused arc-welded.
6. Voltage range: AC12~220V/50HZ, DC12V or 24V.



1. 灯罩通过拉伸成型。
2. 材料: 304或316不锈钢。
3. 钢化玻璃10mm厚和硅胶密封垫圈。
4. 5pin不锈钢或铜镀镍的直通固定活动接头。
5. 5pin不锈钢或铜镀镍的螺纹固定活动接头。
6. 电压范围: AC12~220V/50HZ, DC12V或24V。



with install lug(L)



Stainless underwater fountain big power LED light
3W,6W,12W,18W,24W,30W,36W,54W,72W,90W,108W,216W.

1. Lamp surface is threaded connection s-steel plate.
2. The lamp is stretched molding by s-steel.
3. Material: 304 stainless steel(SS).
4. Tempered glass 10mm thick and silicone sealed gasket.
5. Voltage range: AC24V, can be changed to AC12~220V/50HZ, DC12V or 24V.
7. IP65.
8. Lamp color change: purple, yellow, blue, green, red, white, warm white, cool white, green, blue.
9. Lamp size change: 165mm, 185mm, 300mm, 316mm, 330mm, 350mm, 360mm, 380mm, 400mm, 420mm, 450mm, 480mm, 500mm, 520mm, 550mm, 580mm, 600mm, 620mm, 650mm, 680mm, 700mm, 720mm, 750mm, 780mm, 800mm, 820mm, 850mm, 880mm, 900mm, 920mm, 950mm, 980mm, 1000mm.
10. DN25, DN32, DN40, DN50 type color change change time can be adjusted(size can be adjusted).
11. Big power lamp with aluminum heat sink(AI).



(3in1)RGB LED lamp
AC12-220V/DC12 or
12V/9W, 12W, 18W, 36W



AC12-220V/DC12 or
12V/9W, 12W, 18W, 36W.

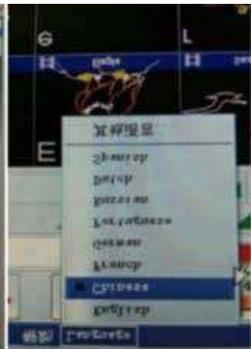


AC12-220V/DC12 or 12V/9W, 12W, 18W, 36W.
不锈钢铝合金中孔灯
Lamp surface is 304 s-steel, base is aluminum



big power lamp with aluminum heat sink





Installed in laser ornaments in the lake
安装在湖面装饰物内的激光灯



光表演Color Laser show

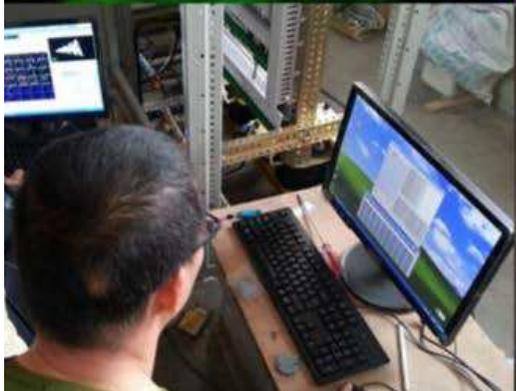


绿色激光表演Green Laser show



Outside laser machineshow system(laser light)

激光表演设备(激光灯)



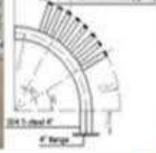
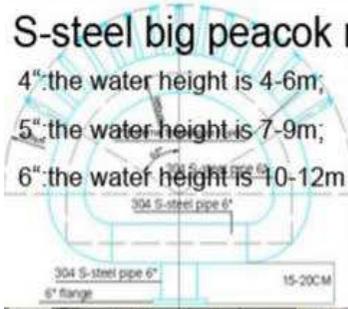
水幕电影用的投影仪
The water curtain movie projector

11000,15000和20000lumens projector use within 30,40m and 50m distance
11000,15000,20000流明的投影仪使用在30米,40米和50米的距离以内。



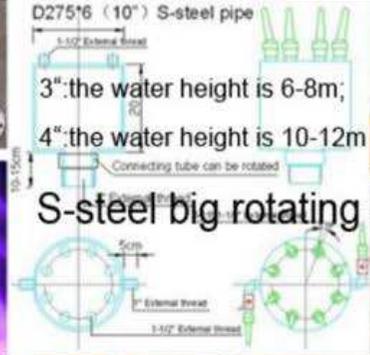
S-steel big peacock nozzle

4":the water height is 4-6m;
 5":the water height is 7-9m;
 6":the water height is 10-12m



S-steel big finger nozzle

3":the water height is 4-6m;
 4":the water height is 7-9m;
 5":the water height is 10-12m



S-steel big rotating nozzle

3":the water height is 6-8m;
 4":the water height is 10-12m



S-steel variable Fountain



2*1.1KW:the water height is 5-6;2*2.2KW:the water height is 7-8;
 2*3KW:the water height is 10-12;2*4KW:the water height is 12-15.
 Each set have one nozzle two pump.
 Used frequency converter control, is best good.



波光泉Laminar jet

口径 Size	BOQ200	BOQ250	BOQ300	BOQ400	BOQ500
口径 Water height	1.1-3m	1.5-3m	2.2-3m	2.5-3m	3-4m
流量 Output	2-3m³/h	3-4m³/h	4-5m³/h	6-8m³/h	8-10m³/h
功率 Power	120W	140W	180W	250W	350W

Need submersible pump (one nozzle one pump)
一个喷头需要一个潜水泵的配套

BOQ200 扬程H-Max:3m, 流量Output:3M3/h, 功率Watt:0.12Kw

BOQ250 扬程H-Max:5m, 流量Output:4M3/h, 功率Watt:0.18Kw

BOQ300 扬程H-Max:4m, 流量Output:5M3/h, 功率Watt:0.25Kw

BOQ400 扬程H-Max:5m, 流量Output:6M3/h, 功率Watt:0.37Kw

BOQ500 扬程H-Max:6m, 流量Output:7M3/h, 功率Watt:0.55Kw

喷头内置AC24V (RGB) 3*1W自动变色LED灯或者单色灯

Nozzle with a built-in AC24V automatically change color

or RGB 3*1W LED lamp or monochromatic light



Stainless steel
Cast Iron
S-steel
Machinery swing fountain
underwater swing motor
机械摇摆水下电机



Machinery swing fountain-birds swaying
机械摇摆喷泉-鸟式摇摆 (鸟式摇摆)



波光跳泉驱动器 (1个喷头1个驱动器)
Jumping jet drive (one nozzle one drive)

波光跳泉Jumping jet

BGJQ (24VDC step motor inside the jet, stepper motor driver is in the control cabinet)

波光跳泉内部有DC24V步进电机, 步进电机受到控制柜内的驱动器控制

Spray height (2-3m), Spray distance (4-5m), Water outing diameter (16mm)

喷头高2-3米, 喷头距离4-5米, 出水口16mm

如果需要配套: if you need submersible pump:

每个喷头的配置是: One nozzle one pump

扬程H-Max: 10m, 流量Output: 4M3/h, 功率Watt: 220V 50HZ: 0.37 Kw

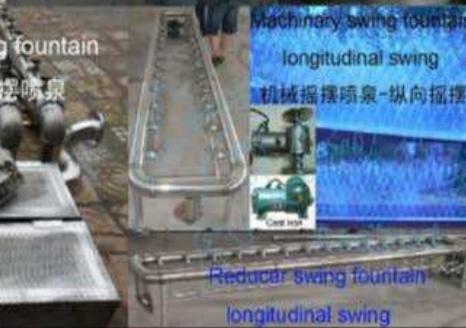
喷头内置AC24V (RGB) 3*1W自动变色LED灯或者单色灯

Nozzle with a built-in AC24V automatically change color

(RGB) 3*1W LED lamp or monochromatic light



S-steel 6-8m birds swaying fountain
喷高6-8米不锈钢鸟式摇摆喷泉



Machinery swing fountain
longitudinal swing
机械摇摆喷泉-纵向摇摆

Reducer swing fountain
longitudinal swing



Machinery swing fountain-ring swaying
机械摇摆喷泉-圆形(向心)摇摆



Direction digital swing-B

1.5"(only 2D)-The highest spray water is 10m;

2"-The highest spray water is 20m;

2.5"-The highest spray water is 30m;

3"-The highest spray water is 40m.



S-steel one direction digital swing



Aluminium alloy antiseptic paintone
two direction digital swing



Aluminium alloy antiseptic paintone
one direction digital swing



S-steel two direction
digital swing



巴勒斯坦客户 Palestinian customer



2009年蒙古国乌兰巴托公园音乐喷泉



Redbud Romania Team

2008/4/16



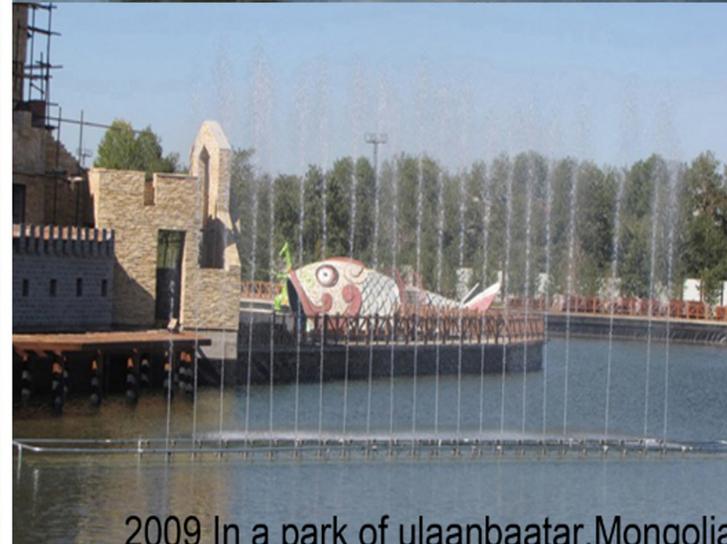
High nozzle, big rotating nozzle, big finger nozzle, big peacock nozzle, one direction digital swing nozzle, water curtain, 11000 lumens projector and 10w green laser used in the engineering.

2014年, 以色列内提沃特市大型音乐喷泉, 激光表演, 水幕电影工程
2014 Netivot Israel big music fountain, lazer show, water screen movie project.



2007 Jerusalem street music fountain project in Palestinian

2007年, 巴勒斯坦耶路撒冷市街心音乐喷泉工程



2009 In a park of ulaanbaatar, Monqolia



2008年, 罗马尼亚克鲁日市直径30米的音乐喷泉工程

30m diameter music fountain in Cluj, Romania, 2006



ISRAEL TEAM
以色列团队



2005 Danmark fountain landscape project
2005年, 丹麦喷泉水景工程



2017年沙特阿拉伯3D蝴蝶
Saudi Arabia 3D Butterfly



2005-2016 Chile fountain
智利



Danish client 2005 丹麦



Thank you!
FROM MANTECH

Mantech's Vast Knowledge And Experience In The Field Of Visual Art And Entertainment Simulations Can Be Viewed On Our Web Site: www.mantecheg.com On Behalf Of Myself, Engineers And The Management Team We Extend Our Warmest Welcome To You And Looking Forward To Assisting You In Every Possible Way.

IF YOU HAVE ANY INQUIRIES, DON'T HESITATE TO CONTACT US.



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