



Since 1988

Pax Group Profile





520 facilities designed and built in Europe, Asia, USA for **30** years



2013

- 2013 - the Russian and International Union of Scientific and Engineering Public Associations has awarded the specialists of Pax Design with the Golden Medal named after V.G. Shukhov for the creation of the Mobile Gantry for SOYUZ space vehicles in Guiana Space Center (GSC), Kourou, French Guiana
- 1998 – major Roller Coaster for Saudi Arabia in King Fahad Park. Later, due to high popularity of the coaster, the park was renamed into Cobra Amusement Park.
- 1998 – the highest Panoramic Wheel in Europe in Mirabilandia park, Ravenna, Italy.
- 2001 - Panoramic Wheel 80 m in height on the roof of the 40 meters-building, Ulsan, South Korea
- 2012-13 - ISO/TC 254 under the guidance of Dr. V.Gnezdilov has developed 3 new world standards “Safety of Amusement Rides”.



Cobra, Dammam



Mobile Gantry in GSC



Wheel 90 m, Italy



Wheel 80 m, Korea



- PAX Group of Companies was established in July 15, 1988;
- Pax Group of Companies has been on the International market since 1993;
- PAX Group of Companies base is the specialists with huge work experience in the aerospace industry;
- We create amusement rides and aerospace equipment;
- Our products are certified by TÜV SÜD (Munich) and by the Central Research Institute of Construction Structures named after Kucherenko (Russia), as well as by ISO 9000 in accordance with the Russian and European standards;
- PAX Group of Companies is the base organization for ISO/TC 254 Committee “Safety of Amusement Rides and Devices” of the International Standardization Organization (ISO);
- PAX Group of companies consists of:
 - Pax Design – design facility,
 - Pax manufacturing company – manufacturing facility,
 - Pax Company – transportation and assemble facility,
 - “Wheel at the All-Russian Exhibition Center (VVC)”,
 - Amusement rides park in Yaroslavl.





Our company possesses an experience in development of concepts and master plans of theme parks of amusement rides.

We developed the project of “Admiral” park in Gelendzhik, “Moscow 850” park at VDNKh, Moscow.

We could propose to develop a concept of the amusement park with a giant panoramic wheel of new design as a central element of the park.

This park should include amusement rides of certain types, dimensions, given capacity and they should be relevant to the general park attendance; namely, how many million visitors a year are planned in the park, which residence territory the visitors to the park can be expected from, what is the anticipated number of tourists?

We can choose qualified companies for detailed development of the theme park plan, select suitable amusement rides of high attractiveness and affordable price and recommend a certification expert.

Some overseas operations are carried out by us through Lightspark Limited Company.

To create a modern park of amusement rides of high quality, attractiveness and safety, the best world experience is needed. We have quite an experience, which had been gained by us for 28 years.

And we are in charge of the committee “Safety of amusement rides and amusement devices” of the International Organization for Standardization (ISO).



Panoramic Wheel 75 m in “Wheel in VVC” park, Moscow, Russia, was the highest wheel in Europe since 1995 till 1998.



Panoramic Wheel 90 m in Mirabilandia park, Ravenna, Italy, was the highest wheel in Europe since 1998 till 2000.



Panoramic Wheel 80 m on the roof of the 40 m building in Ulsan, South Korea, assembled in 2001 in co-operation with Lotte corporation.



Panoramic wheel 83m in Sochi, Russia , the highest wheel in Russia and Eastern Europe since 2012.



Mobile Gantry for SOYUZ space vehicles in Guiana Space Center, France







Pax Group Profile

Certificate by TUV NORD (Germany)
for Panoramic Wheel, Ulsan, Korea



Certificate by TUV SUD (Germany)
for Mobile Gantry in Guiana Space Center



Certificate for Mobile Gantry in GSC

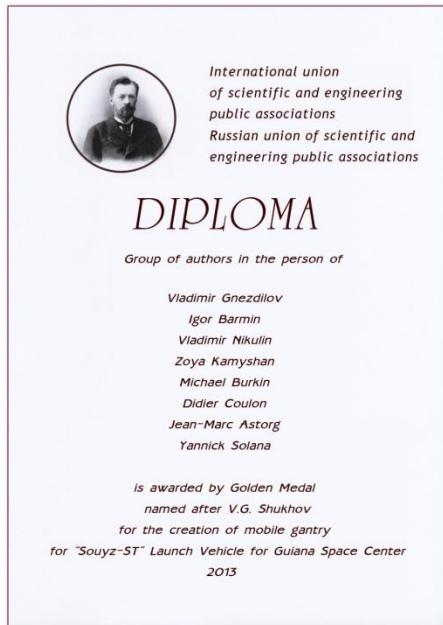


Space license



Certificate proving that MG corresponds to the requirement of technical specification

License issued for the fulfillment of aerospace activity up to May 20, 2016.



Diploma for Golden Medal named after V.G. Shukhov

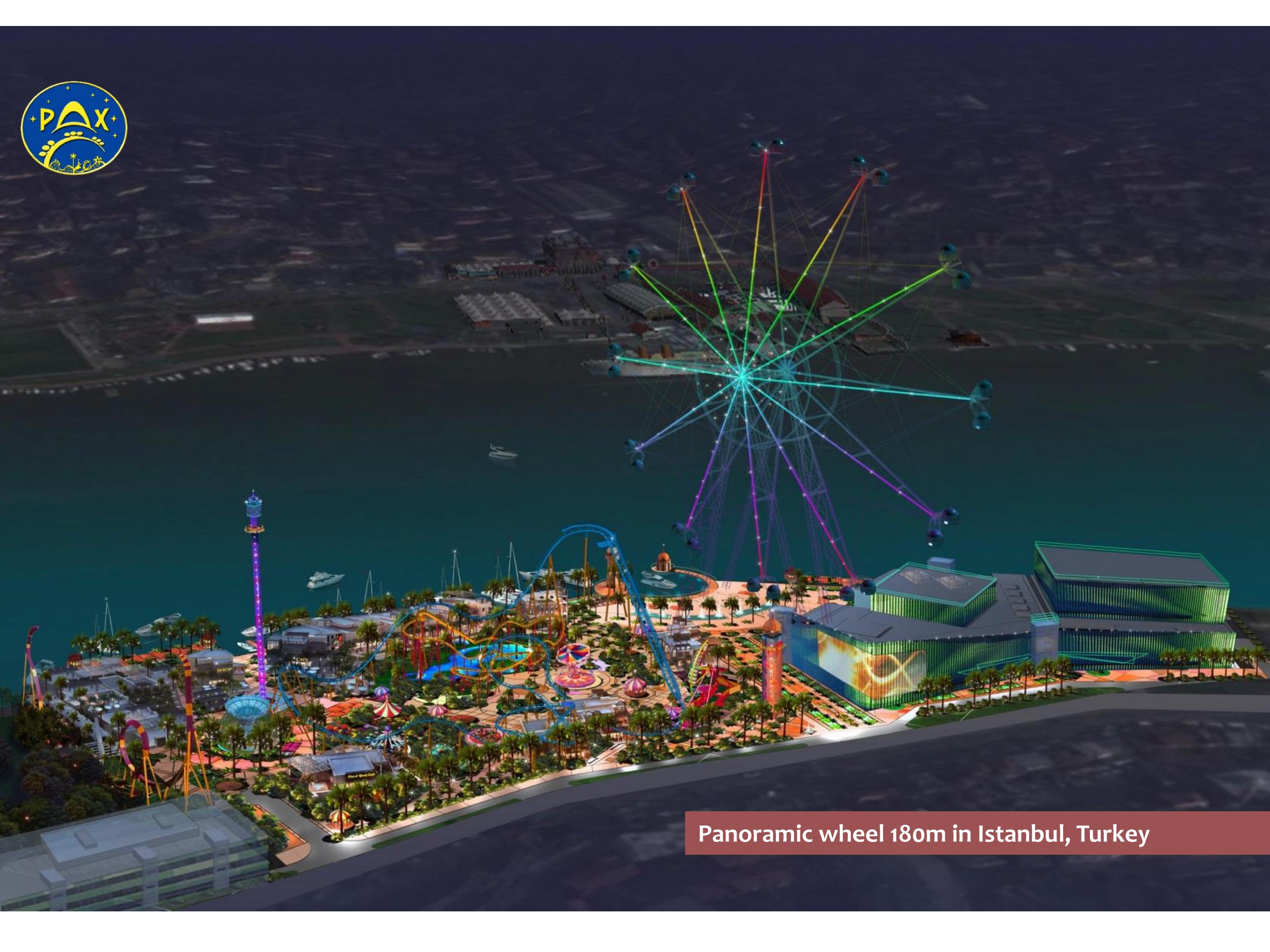


Certificates of participation in space programme



Manufacture processes

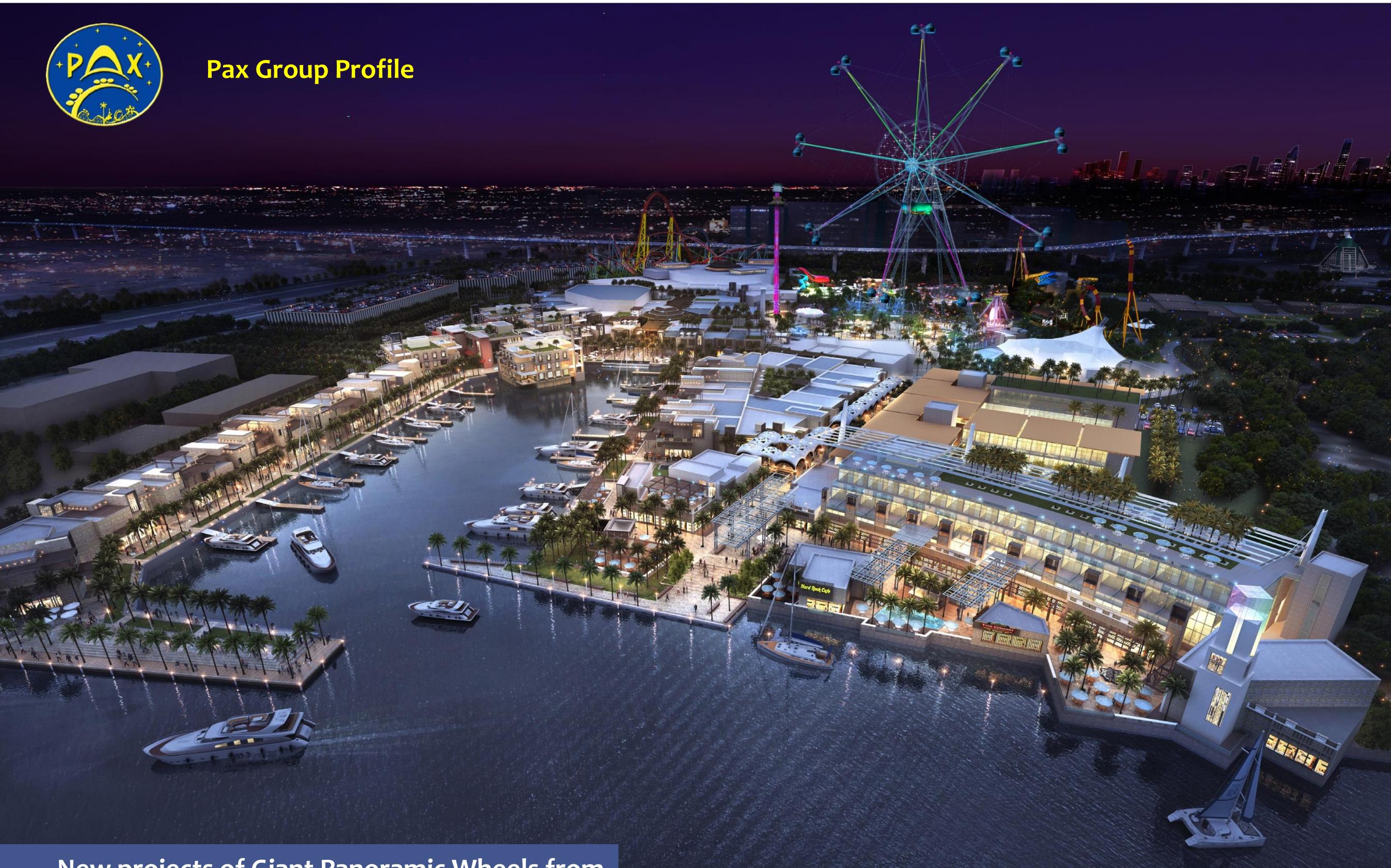




Panoramic wheel 180m in Istanbul, Turkey



Pax Group Profile



New projects of Giant Panoramic Wheels from
140 up to 200 meters





ВЫХОД



View from the cabin of Panoramic Wheel of 180 meters



View of Panoramic Wheel of 180 meters

Cobra
Saudi Arabia



“Cobra” roller coaster, the biggest on the Middle East, was designed and manufactured in 1998 in accordance with the request of Ali Al-Balucci, the Prince of Saudi Arabia for King Fahad Royal amusement park. Due to the high popularity of the amusement ride the park was renamed into Cobra Amusement Park.





Cobra
Russia, Kazakhstan



“Cobra” roller coaster since the year of 2000 is one of the most popular and highest roller coasters in Moscow, in “Admiral” park in Sochi, and in Kazakhstan. In total we have manufactured 15 looping roller coasters.



Formula Pax Russia, France



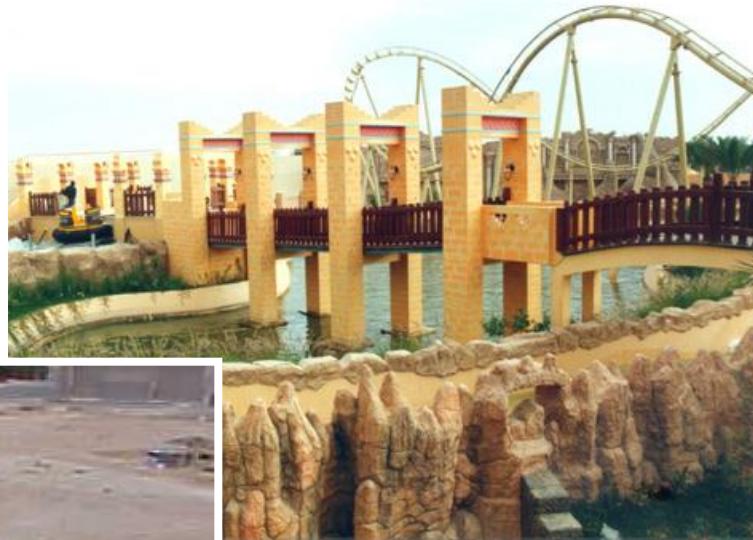
“Formula Pax” is a family roller coaster which was manufactured for the first time in 2005 for St. Paul Park in France, and then in 2010 for amusement park in Moscow. The roller coaster attracts visitors by its smoothness and at the same time by adrenaline at curves.



Camel Trophy Riyadh, Saudi Arabia



“Camel Trophy” roller coaster was custom designed and manufactured in 2002 considering the landscape of Star City park in Riyadh, Saudi Arabia. The roller coaster was also built into the “Wild River” amusement ride situated in the park. The roller coaster was put into operation in 2002.



Wild Train Austria



“Wild Train”, a family roller coaster for the Austrian Strasswalchen amusement park, was opened for public in 2004 and practically at once became one of the most popular amusement rides which increased the park income twice.



Wild Train



“Wild Train”, a family roller coaster, was designed and manufactured by our company, and it has being successfully operated in Russia, Ukraine, Belorussia, Austria, Spain, and France.





Giant Swing Mars 360, UFO Russia, France



The first giant swing (“UFO”) was manufactured by our company in 1994 for the Central Park named after Gorky in Moscow. Later on more than 20 modifications of the amusement rides were made, including “Mars-360” with full revolution, which still delight visitors of the amusement parks not only in Russia, but also in France (St. Paul park).

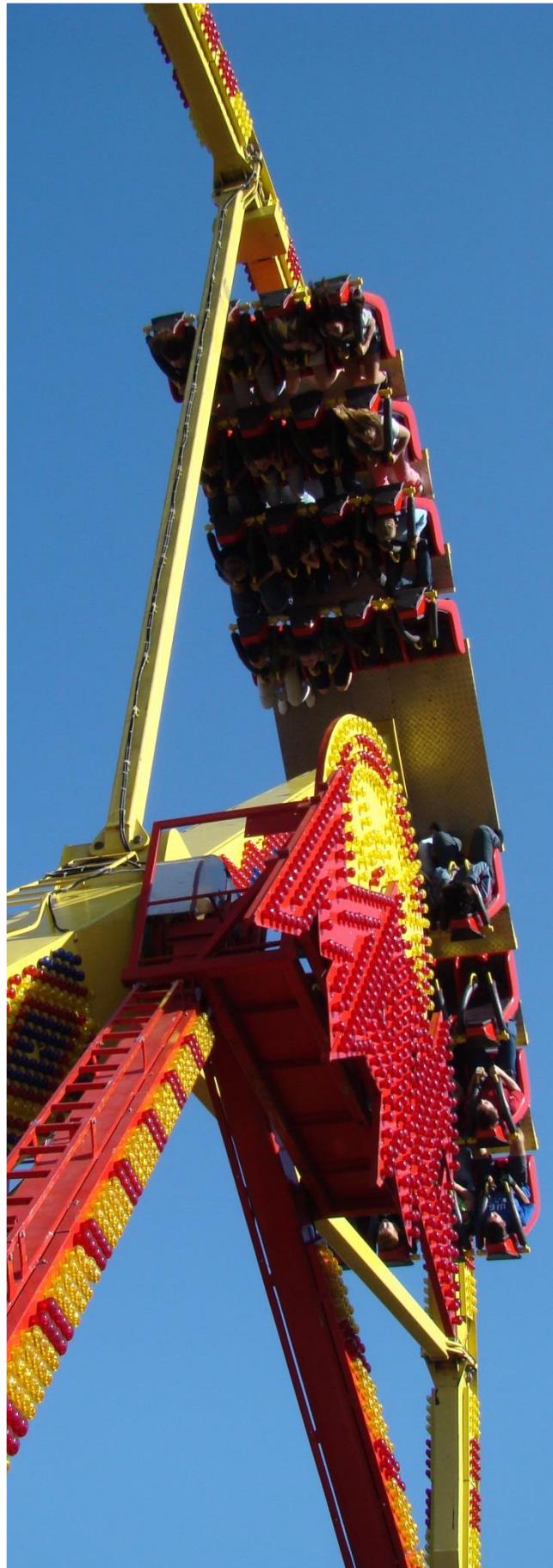


Amusement park «Wheel at VVC» Moscow, Russia



Nearly for 20 years our company has been the owner of the amusement park in Moscow, at the All-Russia Exhibition Center (VVC). There are 20 kiddie and extreme amusement rides in this park. More than million of visitors attend the park annually.





Main amusement rides of the park «Wheel at VVC» - panoramic wheel and three roller coasters, including «Cobra» roller coaster.



Amusement park «Admiral Vrungel»
Gelendjik, Sochi region



Amusement rides of the park «Admiral Vrungel» - panoramic wheel and three roller coasters, including «Cobra» roller coaster.



Amusement rides produced from 1989 to 2000

Pax Group Profile



№	Description	Designation	Date of manufacture	Factory №	Owner (location)
1	"Moscow roller coaster"	A.01.1.000	1989	001	city of Dushanbe
2	"Moscow roller coaster" (Izmaylovskaya)		09.1990	002	city of Novosibirsk, JSC "Virazh"
3	"Moscow roller coaster"	A.01.0.000	11.1991	001	Moscow, JSC "Moscow attractions" and JSC "Pax" VVTs; after refurbishing - Perm
4	Roller coaster "Magic Steed"	A.04.0.000	27.06.1992	002	Moscow, JSC "Pax", Central Park of Culture and Leisure (CPCL)
5	Roller Coaster "Magic Steed" (Podolsk)		12.1991	001	city of Ust-Kamenogorsk, GOKUKSTSK
6	Roller coaster "Magic Steed"	008.A.08.1.000	30.10.1993	008	Costa Rica
7	"Pioneer"	Б.01.1.000	24.06.1992r.	001	city of Izhevsk
8	"Pioneer"	009.A.09.1.000	04.94.(04.08.94)	009	city of Komsomolsk-on-Amur, KAAOO named after Gagarin
9	Roller coaster "Astro-Pax-18"	007.A.07.0.000	01.07.1995	007	Moscow, JSC "Pax" VVTs - since 01.07.95
10	Giant swings "UFO"	001.K.01.000	15.07.94, 95	001	Moscow, JSC "Pax" CPCL; VVTs; city of Mineralnye Vody - since 04.10.97
11	Panoramic wheel "Moscow-850"	011.C.02.1.000	16.07.1995	011	Moscow, JSC "Pax" VVTs - since 15.07.96
12	Bumper car facility (refurb.)	012.EA.1.000.	27.06.1994	012 (1-01)	Moscow, JSC "Pax" CPCL
13	"Orbit-420" (refurb.)	013.KKT.2.165.2.000	22.05.1994.	13(unnumb	Moscow, JSC "Pax" CPCL - since 23.05.94
14	Vortex	KKT2.111.000	03.08.1992	299	Moscow, JSC "Pax" CPCL - since 03.08.92
15	Carrousel "Comet"	024.C.04.0.000	20.04.1996	24	Moscow, JSC "Pax" VVTs - since 20.04.96
16	Bumper car facility	023.C.03.0.000	06.11.1995	23	Moscow, JSC "Pax" VVTs - 06.11.95
17	Carnival	KKT 2.100.002	07.93 /10.96	227	Moscow, JSC "Pax" CPCL, VVTs, Kaliningrad
18	Roller coaster "Tsar coaster"	038.A.12.0.000	07.08.1996	38	Moscow, JSC "Pax" VVTs, Krasnodar
19	"Polar lights"				Moscow, JSC "Pax" VVTs, Kaliningrad
20	"Polar lights"		23.07.1995	92020131	Moscow, JSC "Pax" CPCL, VVTs - since 04.02
21	"Polar lights"		14.08.1993	91120120	Moscow, CPCL, Costa Rica
22	Orbit	KKT 2.165.000	23.07.1993	407	Moscow, CPCL, Costa Rica
23	Roller coaster "Cobra"	047.A.14.1.000	1998		Saudi Arabia, Dammam, in operation since 21.02.98
24	"Comet"	061.C.15.1.000	12.1998		Vietnam
25	Panoramic wheel Ø 84	062.C.18.1.000	04.1999		Italy, Ravenna, "Mirabilandia" - since 1998
26	Roller coaster "Crazy train"	052.A.15.1.000	12.1998	052-1	Ukraine, Dnepropetrovsk; Yalta - since 21.01.99
27	Roller coaster "Crazy train-2"	091.A.16.1.000	04.1999	7	Moscow, VVTs; Kogalym, Tumen region - since 03.06.00
28	Roller coaster "Crazy train-3"	092.A.17.1.000	05.1999	092-3	city of Yaroslavl
29	"Giant swings"	074.K.02.1.000	05.1999	074-1	city of Yaroslavl - since 28.05.99
30	"Giant swings-2"	097.K.03.1.000	15.07.1999	097-2	Moscow, VVTs, refurb. to "MARS-360" - 23.08.00r; Novouralsk - since 25.09.01
31	Roller coaster "Crazy train-4"	092.A.17.1.000	08.1999	092-4	Moscow, CPCL; Kazakhstan, Astana - since 03.06.00
32	"Giant swings-3"	100.K.04.1.000	08.1999	100-3	Moscow, CPCL - since 08.99; VVTs - since 18.08.01, Chelyabinsk MU CPCL named after Yu.A. Gagarin - since 06.05.02
33	Roller coaster "Rodeo"	113.A.21.1.000	12.1999	113-1	Kazakhstan, Atyrau, in operation since 26.04.00
34	Roller coaster "Puss in Boots"	107.A.20.1.000	12.1999	107-1	Moscow, VVTs, Yaroslavl CPCL, in operation since 22.05.2000
35	"Giant swings-4"	102.K.05.1.000	01.2000	102-4	France, Paris; Moscow - since 19.04.00; Alma-Ata - since 26.04.01; Moscow, RVA VVTs; Gelendzhik - since 06.07.02, Orenburg - since 05.2007

Amusement rides produced from 2000 to 2002

Pax Group Profile



36	Roller coaster "Wild train-15"	116.A.23.1.000	04.2000	116-1	France, Saint Paul - since 01.05.00
37	"Panoramic wheel -15m"	119.C.40.1.000	05.2000	119-1	Yaroslavl, CPCL - since 06.06.00
38	"Panoramic wheel -15m"	119.C.40.1.000	05.2000	119-2	Yaroslavl, VSTs "Spartakovets" - since 02.06.00
39	Giant swings "Little sailor"	120.K.06.1.000	05.2000	120-1	Yaroslavl, CPCL - since 26.05.00
40	Giant swings "Little sailor"	120.K.06.1.000	05.2000	120-2	Yaroslavl, VSTs "Spartakovets" - since 02.06.00
41	Roller coaster "Rodeo-2"	115.A.22.1.000	04.2000	115-1	Moscow, park "Lianozovo", VVTs - since 19.05.00; Yeysk, CPCL - since 09.06.01
42	Giant swings "Little sailor"	120.K.06.1.000	06.2000	120-3	Anapa;Moscow, VVTs - since 07.09.00, Gelendzhik, park "Admiral" - since 10.07.01
43	Roller coaster "Puss in Boots"	118.A.25.1.000	06.2000	118-1	Anapa;Moscow, VVTs - since 07.09.00, Gelendzhik - since 10.07.01; Chelyabinsk, park named after Yu.A. Gagarin - since 05.06.02
44	Giant swings "Wasp"	121.K.07.1.000	07.2000	121-1	city of Kogalym, Tumen - c 23.07.00.
45	Panoramic wheel -15 m	121.K.07.1.000	07.2000	125-1	Moscow, RVA VVTs; Gelendzhik,park "Admiral" - since 11.07.01
46	Roller coaster "Rodeo -3"	122.A.26.1.000	07.2000	122-1	Moscow CPCL; Krasnoyarsk - since 14.05.2001
47	Giant swings "Wasp"	121.K.07.1.000	09.2000	121-2	Moscow, RVA VVTs; Gelendzhik, Park "Admiral" - since 06.07.02; Mariupol, Ukraine - since 18.07.03
48	Roller coaster "Wild train"	117.П.24.1.000	10.2000	117-1	France, Saint Paul - since 10.00
49	Giant wheel -12 m	123.C.43.1.000	04.2001	123-1	Moscow,KMK-Nord, Association "Samolyot" - since 27.04.01
50	Panoramic wheel "LOTTE"-75 m	124.C.44.1.000	03.2001	124-1	South Korea, Ulsan - since 19.08.2001
51	Roller coaster "Puss in Boots"	118.A.25.1.000	05.2001	118-2	Blagoveshchensk , Amur region – since 20.06.01, Yuzhno-Sakhalinsk – since 24.08.03
52	Roller coaster "Wild train – 8"	130.A.11.1.000	30.05.2001	130-1	city of Ufa, Park "Magic World" - since 23.06.01
53	Roller coaster "Wild train – 8"	130.A.11.1.000	13.06.2001	130-2	Moscow,RVA VVTs - since 28.06.01;
54	Roller coaster "Wild train – 8"	130.A.11.1.000	8.01.2003	130-7	Ukraine, Kiev - since 06.05.03.
55	Roller coaster "Cobra"	129.A.10.1.000	26.07.2001	129-1	Kazakhstan, Alma-Ata - since 04.09.01
56	Panoramic wheel -31m	132.C.47.1.000	30.08.2001	132-1	city of Surgut, delivery 10.2001
57	Roller coaster (Bahrain)	098.A.19.1.000	01.2002	098-1	Bahrain - since 18.07.02
58	Roller coaster "Wild train – 8"	130.A.11.1.000	01.2002	130-3	city of Kemerovo, LLC "Park of culture" - since 03.05.02
59	Roller coaster "Wild train – 8"	130.A.11.1.000	02.2002	130-4	city of Chelyabinsk, MU CPCL named after Yu.A. Gagarin - since 06.05.02
60	Giant swings "Wasp"	121.K.07.1.000	10.2001	121-3	city of Komsomolsk-on-Amur, MUP "Blagoustroystvo" - since 07.05.02
61	Panoramic wheel-31m	132.C.47.1.000	10.2001	132-2	Kazakhstan, Astana - since 09.06.02
62	Roller coaster (Al Mojel Projects)	133.A.13.1.000	03.2002	133-1	Saudi Arabia, Riyadh, park Al Marsa - since 16.08.02
63	Giant swings "Wasp"	121.K.07.1.000	06.2002	121-4	city of Sovetskiy, Tumen region
64	Roller coaster "Puss in Boots"	118.A.25.1.000	02.04.2002	118-3	city of Komsomolsk-on-Amur, MUP "Blagoustroystvo" - since 30.04.02
65	Roller coaster "Wild train – 8"	130.A.11.1.000	06.2002	130-5	city of Gelendzhik, park "Admiral" - since 06.07.02
66	Roller coaster "Wild train – 8"	130.A.11.1.000	12.2002.	130-6	Ukraine, Mariupol - since 18.07.03
67	Free fall tower - 24m	134.Б.03.1.000	05.2002	134-1	Moscow, RVA VVTs; Yaroslavl PCL - since 24.05.02
68	Roller coaster "Cobra"	150.A.31.1.000	06.06.2002	150-1	Gelendzhik, park "Admiral"; Moscow, VVTs- since 2009
69	Panoramic wheel-31m	132.C.47.1.000	29.08.2002	132-3	city of Sovetskiy, Tumen region
70	Free fall tower - 12m	154.Б.07.1.000	02.11.2002	154-1	USA, Miami; Moscow, RVA VVTs - since 05.09.03
71	Giant swings "MARS-120"	140.K.08.1.000	12.2002	140-1	Moscow,RVA VVTs 05.01.03-12.01.03, Yalta, Private company "Adonis" - since 03.03

Amusement rides produced from 2002 to 2020

Pax Group Profile



72	Free fall tower	153.B.06.1.000	12.2002	153-1	Ukraine
73	Free fall tower - 12m	155.B.08.1.000	12.02.2003	155-1	Moscow, VVTs; Gelendzhik, park "Admiral" - since 26.05.03
74	Panoramic wheel -31m	132.C.47.1.000	02.04.2003	132-4	Ukraine, Kiev - since 03.05.03
75	Panoramic wheel-54m	156.C.55.1.000	20.05.2003	156-1	Belorussia, Minsk - since 26.06.03
76	Roller coaster "Wild train – 8"	130.A.11.1.000	06.2003	130-7	Belorussia, Minsk - since 26.06.03
77	Panoramic wheel -31m	132.C.47.1.000	06.2003	132-5	Ukraine, Mariupol - since 18.07.03
78	Giant swings "Wasp"	121.K.07.1.000	07.2003	121-5	Ukraine, Mariupol - since 18.07.03
79	Free fall tower - 24m	157.B.09.1.000	07.2003	157-1	Ukraine, Mariupol - since 24.07.03
80	Giant swings "Wasp"	121.K.07.1.000	07.2003	121-6	city of Langepas, Tument region - since 31.07.03
81	Panoramic wheel-31m	132.C.47.1.000	01.09.2003	132-6	city of Krasnoyarsk, "PIKRA" - since 16.09.03
82	Roller coaster "Wild train – 12"	141.A.29.1.000	15.09.2003	141-1	Spain (near Seville), Matreus Del Allor - since 03.12.03
83	Roller coaster "Wild train – 12"	141.A.29.1.000	26.01.2004	141-2	Moscow, VVTs
84	Free fall tower - 38m	152.B.05.1.000	2004	152-1	France, Saint Paul
85	Panoramic wheel -75 m	145.C.53.1.000	2004	145-1	city of Gelendzhik, park "Admiral"
86	Panoramic wheel -75m	149.C.54.1.000		149-1	South Korea, Taegu
87	Roller coaster "Asteroid"	138.A.28.1.000		138-1	Spain
88	Giant swings "MARS-120"	146.K.09.1.000	05.2004	146-1	Brest
89	Water slide "Khara-kiri"		July2004	139-1	Ukraine, Mariupol
90	Roller coaster "Wild train – 14"	165.A.34.1.000	Aug2004	165-1	Austria
91	Roller coaster "Formula Pax"	160A.33.1.000	06.2005.	160-1	France
92	Panoramic wheel -31m	132.C.47.1.000	07.2005.	132-8	city of Uray
93	Panoramic wheel -31m	132.C.47.1.000	09. 2005.	132-7	city of Krasnoyarsk
94	Free fall tower 17m	176.B.11.1.000	09. 2005.	176-1	city of Almet'yevsk
95	Giant swings "MARS-360"	170.K.10.1.000	09. 2005.	170-1	Krasnoyarsk;Moscow, VVTs - since 2009
96	Panoramic wheel-31m	132.C.47.1.000	05. 2006.	132-9	city of Orenburg – 05.2006
97	Giant swings "MARS-360"	170.K.10.1.000	06. 2006.	170-2	city of Yekaterinburg - since 05.2007
98	Free fall tower 24 m	157.B.09.1.000	06. 2006.	157-1	Ukraine, Dnepropetrovsk
99	Roller coaster "Wild train – 15"	175.A.36.1.000	07. 2006.	175-1	Moscow, VVTs, Krasnodar LLC "AVM"
100	Free fall tower BSP-50m	185.B.12.1.000	11. 2006.	185-1	city of Yekaterinburg - since 05.2007
101	Giant swings "MARS-360"	170.K.10.1.000	12. 2006.	170- 2	Moscow,VVTs; Kirovograd (Ukraine) -since 04.2007
102	Roller coaster "Cobra"	187.A.38.1.000	2010.	187-1	Switzerland
103	Roller coaster "Formula-Mir"	193.A.39.1.000	06. 2011.	193-1	Moscow, VVTs
104	Roller Coaster "Golden Arrow"	178.A.37.1.000	08.2013.	178-1	city of Yaroslavl - since 08.2013, since 2014 - Pax
105	Giant swings "MARS-360"	170 K.10.1.000	06.2014	170-4	city of Yaroslavl - since 08.2013, since 2014 - Pax
106	Roller coaster "Formula-Mir"	193.A.39.1.000	05.2016	193-2	city of Kaliningrad
107	Roller Coaster "Lighting"	178.A.38.1.000	05.2017	194-1	city of Moscow, park Krylatskoe
108	Project for launcher "Angara5P"		2018		Moscow, Roskosmos
109	Project for launcher "Enisey"		2019		Moscow, Roskosmos



Thank you for your attention!

PAX Group of Companies

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