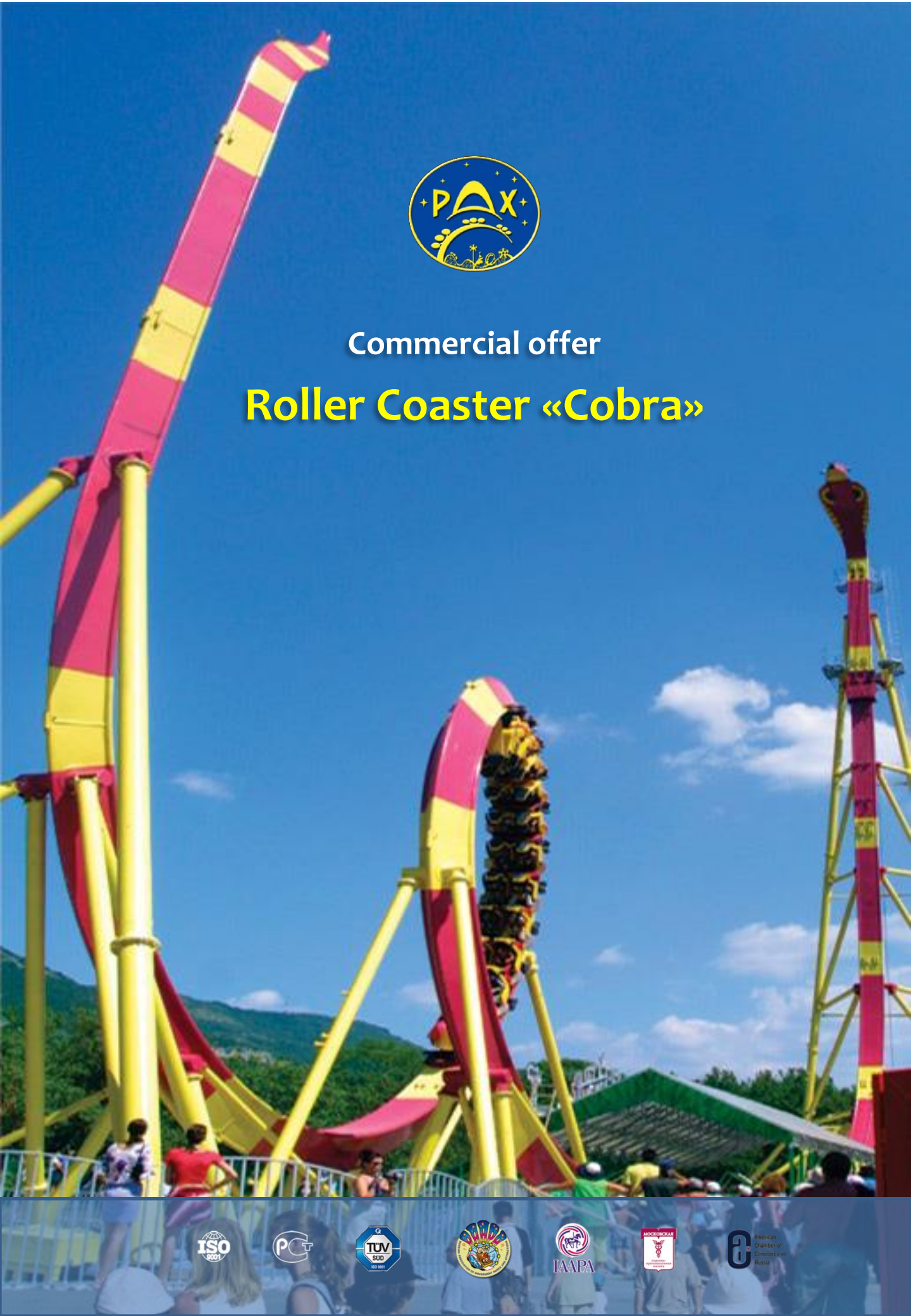




Commercial offer

Roller Coaster «Cobra»





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SPECIFICATIONS

Roller Coaster «Cobra»



Dimensions

Maximum track height, m	36
Track length, m	140
Site size, m	70 x 22
Foundation type	foundationless
Passengers in the car	2
Cars	12

Dynamic characteristics

Capacity (with one train), persons/hour	1200
Ride time (including loading/unloading time of 25 sec), sec	70
Train speed, km/h	60
Maximum acceleration, g	4

Electrical equipment

Ride consumed power at full loading, kW/h	90
Power supply source, V/phase/Hz/A	380/3/50/100+N+PE

date of manufacture 2009

Roller Coaster «Cobra»





PAYMENT TERMS AND RETURNS ON INVESTMENT

Timeline

Ride manufacture

Available finished and tested product with safety expert certificate

Assembly

15 days

Delivery

Transportation by Euro trucks or containers (40ft., open-top).

- **Roller coaster price is 900 000 Euro**
- **90%** advance payment of the total contract cost not later than 10 days from the Contract signing date.
- **5%** of the total contract cost shall be paid after ride manufacture completion
 - a) either form L/C against forwarder's shipment documents,
 - b) or by installments in proportion to shipped containers or trucks.
- **5%** shall be paid upon the ride readiness for operation but before the ownership transfer report is signed and public operation is permitted.
- Payment amount and terms are subject to discussion.

Roller coaster capacity is 800 services per hour, 5000 services per day, 750 000 services per season.



BASELINE DELIVERY SET

1. Roller coaster track.
2. Track supports.
3. Drives for lift and station AC electrical motors.
4. Loading/unloading platform.
5. Entrance/exit stairs.
6. One train with 12 two-seat cars.
7. Control cabinet.
8. Operator's control panel.
9. Set of electrical cables.
10. Coating – bead-blasting, primer, 2 layers of enamel.
11. Supervisors to manage assembly of the ride and staff training (cost of travel, lodging and meal is not included).
12. Ride operations and maintenance manuals.
13. Set of spare parts (on Buyer's discretion)

The delivery set does not include:

- Theming
- Station building
- Canopy
- Permits for ride assembly and installation.
- Site preparation for ride installation.
- Power cable laying to control cabinet input.
- Rent of machinery, equipment, involvement of specialists necessary for assembly.
- Grounding and lightning protection device on the Buyer's site.
- Assembly by the Seller's team on the Buyer's site – upon request
- Certification – upon request



STANDARDS

- ISO – 9001, GOST 53130.
- Manufacture process certified per ISO 9001 .
- Welding per EN 729-2.
- Hurricane stability up to 28 m/sec.
- Earthquakes as per local requirements
- Electrical safety as per EN 60204 Part 1.
- Design life limit is not less than 35000 hours.
- Operations manuals per EN 13814, GOST 53130.

WARRANTIES

1. Warranties for metal structures are 10 years (under condition of base (support) stability provision).
2. Warranty for replaceable parts is as per Operations Manual.
3. Warranties for painted surfaces are 2 years (under condition of regular paint restoration on damaged spots).



GC Pax pays the most serious attention to safety of produced amusement rides. As far back as 1989-90 we carried out centrifuge tests in Center named after Gagarin with test subjects of different ages from 6 to 78 years old with various health conditions to establish safety limits for amusement rides; the test data were used by us to develop International standard ISO 17842 "Safety of amusement rides".

The design and production system for amusement rides by GC Pax is certified by the leading world expert – German Company TÜV SÜD. We have Roscosmos license for manufacture of space equipment. Our products had no accidents. We ensure high quality and safety at the level of European requirements.

Electromechanical components are purchased from European manufacturers with certification; all structural steels undergo lab tests.

President of GC Pax V.A. Gnezdilov is a chief of aerospace equipment structural analysis department of Moscow aerospace university, chairman of TC 254 "Safety of amusement rides" of ISO – International organization for standardization.



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