The Skyloop has managed to draw the attention of the media in no time at all. Exhibition stands and the press are standing one another with their coverage. The combination of static exhibition stands, creative, bright, and the most spectacular戏 play forms is frightening and, at the same time, fascinating.

In the Adventure World series (“The Adventure of Knowledge”) on ZDF (German Television) the development and construction of a roller coaster is documented using the example of the Skyloop "Abismo" Madrid’s Park de Atracciones.

Japanese television travelled halfway around the world just to shoot a show on the Skyloop in Germany. Even the German Chamber of Commerce used the Skyloop as an example: how the German economy has enough momentum to keep up with the tough competition. In other words: adrenalin is necessary! After all, no other ride combines the innovative power, the computer, the architecture, and the emotional elements as much as the Skyloop does. In other words: adrenalin is necessary!
The "X"-Factor
Magic Springs' new "X-Coaster" is free at air its best at first X-Car Launch Coaster
Maurer Söhne builds Launch Coaster with single cars for Drivelift Amusement Park in Holland

First X-Car Launch Coaster Maurer Söhne builds Launch Coaster with single cars for Drivelift Amusement Park in Holland

Maurer Söhne innovations in steel

The X-Car Coaster is not to be missed. Having already drawn so many fans with its design and innovative features, the X-Coaster, the first Launch of its kind in the industry, is causing a stir with the park industry and manufacturers alike. The X-Coaster is a thrilling experience that offers riders a unique ride experience that is sure to leave a lasting impression. The X-Coaster features an X-Car Launch system that propels riders forward, providing a smooth and seamless ride experience. The coaster is designed to accommodate riders of all ages and skill levels, offering an exciting ride for everyone.

The X-Coaster is not only visually striking, but it also offers a thrilling ride experience. The coaster features a variety of elements, including tunnels, inversions, and twists and turns, ensuring a unique ride experience. The X-Car Launch system provides riders with a smooth launch, allowing them to quickly reach high speeds and providing an exhilarating ride experience.

The X-Coaster is not just a ride for thrill-seekers, but it also offers a unique experience for families and groups. The coaster features a variety of elements that are designed to appeal to riders of all ages, from young children to adults. The coaster’s design is not only visually appealing, but it also offers a unique ride experience that is sure to leave a lasting impression.

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Just like the first example of an "X-Car Coaster" at Germany’s Allgäu Skyline Park, this attraction also offers a tandem train, with two individual seat chords. The wide seats, each with plenty of space in between, are comfortable and generous when compared to other roller coasters. Additionally, there are also the highlights of the "X-Coaster": a completely new and unique design of the ride, with the seat chords being suspended from a central point, the ride being highly responsive and the synthetic materials are used. The X-Coaster is designed to offer riders a ride experience that is not only visually striking, but also thrilling and exhilarating.

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Factoids "Abismo"
- Capacity: 550 pph
- Track height: 403 ft (123 m)
- Vertical drops: 90° (277 ft) / 45° (123 m)
- Maximum speed: 79 km/h (49 mph)
- Height: 52 m (170 ft)
- Length: 630 m (2,067 ft)
- Opening date: 14th May 2005

Factoids "Tarantula"
- Capacity: 650 pph
- Track height: 530 ft (267 m)
- Vertical drops: 90° (277 ft)
- Height: 52 m (170 ft)
- Length: 630 m (2,067 ft)
- Opening date: 14th May 2005

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X-Car is perfecting the roller coaster launch and opens up an unexpectedly broad range of applications

With Schonhuber’s “Shuttle Loop”, the development of launch Coasters began 30 years ago. Since Schonhuber’s Shuttle Loop was used as the first launch drive in roller coasters about 30 years ago, there have been three main directions of development: faster, more extreme, and more unusual. Schonhuber worked with heavy flyweights that, upon coupling, delivered their energy suddenly to an acceleration slide. Now state-of-the-art contact-free linear motors have become established as the standard launch system from the middle of the nineties on. The trend towards more and more power output, however, required larger motors and higher connected loads of up to 500 kW. This is sufficient to supply an entire village with electricity. Therefore, linear motors appeared to be more and more economic and, in particular during the past few years, the acceleration-side technology gained importance again. The energy storage system, instead of using the Schonhuber Flywheel, in most cases is realized by hydraulic power today, allowing for clearly lower connected loads. Already more than 20 Innenmotoren and 10 hydraulic launches have been put into service in fair or riding pleasure due to the length or width of the track. For the roller coaster, there is another larger variation: how high above a train is the smaller in the difference between the first and the last line, and the more sophisticated, i.e., the new riding width of the car, the larger is the difference of effect between the first and the last line, and the more sophisticated, i.e., the new riding room for a car is, the larger is the difference of effect between the first and the last line, and the more sophisticated, i.e., the new riding,
Colors are emotion

Colors have a greater impact on product design in our field than ever before. Colors express an emotion toward a product, create an atmosphere or harmony, create impressions of elegance, modernity, and beauty. They draw people's attention, and make an impression or have a soothing effect.

As an artistic color, colors have to be integrated into the design, execution, and presentation of a product and the web associated with it.

Therefore MAURER offers its customers in the field of amusement rides a large range of color options for their systems, which gives them the opportunity to present their products in a very individual way.

Solid basis, attractive top coat
The color system MAURER use consists of a solid, thick base coat trade of zinc-phosphates mixed with a 120 mm thick gray base coat. The gray base coat provides good protection against corrosion, and is also capable of balancing out unsightly unevennesses in the surface of the raw materials used. Premium polyurethane paints, which are available in all standard RAL color tones, are used for the top coat. Furthermore, the degree of glossiness of the top coat can be individually selected, from dull or matte to high-gloss and metallic. The range from thicknesses of 40 to 60 μm. The paints are applied using temporary systems at a constant temperature. This achieves the greatest possible consistency of quality.

Pretreatment is crucial
However, a good paint coat, which provides lasting protection against corrosion, also requires careful pretreatment of the welded steel construction. MAURER's large workshops with sophisticated base material. After the individual parts have been welded together and the weld quality renewed, all additional spray treatment is performed shortly before the application of the blue primer even. The basecoat ensures that the base not only has a sufficient degree of roughness but also that it is clean. For treating the steel constructions, a conventional acid etching will be applied to the material. The possible consequences of base material on this are only determined externally. In summary, it is system that the customer can rely on: after all what good is a lovely finish if it quickly peels away?

Review of Fairs

Established in Munich in 1916, Maurer Söhne is celebrating its 120th year in business in 2006. To give this special occasion, a group of 172 MAURER employees came to the amusement park "Parque de Atracciones Madrid" on 14 July.

The “Top to Stars” related to the group’s daily business within one year, as many as two excellent Maurer Söhne order customers have been opened in this park. Being the largest MAURER Sprint Coaster ever (104 meters, 277 meters, 104 meters, 124 meters, 396 meters, and 396 meters) the Spinning Coaster 2000 “Turaco” opened in 2003. This event was followed by the opening of Skyrunner XT “400 Veloz”, the largest X-Car Coaster to date (12 m, 171 m, 77 m).

The hospitality activities offer an excellent occasion for a trip to visit the staff of the Amusement Business Division. This way, they could experience the latest MAURER products at close range. Both are installed side by side, making it convenient to test the installation at full length. Each attraction are very special in their way and guarantees outstanding riding pleasure. Tramata as a lively and highly dynamic spinning coaster for the whole family. Always with the highest leisure world and more than two seconds struggle at the car fair the particular thrill. With these events this week in presence of a group of 172 MAURER employees, they could experience the pleasure of thrilling experiences, which could be talked in a small example thanks to the formation of small cars. In the end, it was generally agreed that the leadership of the team was extremely positive for the best MAURER attractions at far. But that is not to conclude that the highly dynamic range of products.

For the History, the Amusement Business constitutes the most recent division of MAURER Söhne. It is the area of steel construction, which placed MAURER in a solid position for a long time. This division can look back on a long tradition of building roller coasters in the fields of bridges, structural protection systems, and spectacular building constructions (e.g., BMW World, Munich). Their competence in the fields of steel construction, status, the areas of steel construction, and the production of dynamic impacts are the ideal preconditions for building roller coasters in the first place and eventually joining the business of developing innovative concepts. Maurer Söhne employs a total of 100 people worldwide.

First Comes the Mechanical Engineering, Then the Fun

Fun and emotion play a big role in the amusement industry - but in order for people to enjoy the ride, an actual vehicle has to move reliably and fulfill the great ideas and designs. This is why a highly trained engineering team is responsible for the construction of our coasters. The Mechanical Engineering team is part of the Construction and Development Division, headed by O.C. Freud. The teams are based in Munich and Sydney. The main tasks are specific development of coasters. The coasters are produced via the standard S100 CAD system. During 2006, the extension of the X-Car into the Launch Coaster was on the list. The Launch-Coaster will be used next strands turn, the mechanical engineers have put thought into the areas of lift, drive, and brakes. The development and layout is key to any part of the business that is responsible for building the ride.

New in Customer Support: Ernst Schade

After 28 years in various positions at Schwarzheide, Mr. Ernst Schade has switched to Maurer Söhne, where he has been supporting our Customer Support since 2005. Due to the many years of work, he obviously has intrinsically new ideas and the knowledge of the technology at his disposal, which provides him with the ideal background for working successfully with our service team and professional competence enables us to handle the great growth in our after sales service, component sales, service orders, and inquiries.

The Customer Support Division at Maurer Söhne has six areas:

- Service Orders
- Spare Parts
- Service Calls
- Training
- Used Systems

From development to prototype, a configuration is needed for each area.

You can reach Customer Service at any time at Phone: (+49) 89 323 94 234, Email: info@maurer-soehne.de, as well as via E-mail: e.schade@maurer-soehne.de

130 Years of Maurer Söhne in Munich

1870 - Company founded by Friedrich Maurer in Munich
1928 - Steel-framed structures, steel-bridge building
1930 - Takeover of the company by Johannes Maurer
1939 - Export of gas expansion for all shafts in the USA
1955 - Construction of large concrete-pressing machine
1964 - Steel stacks, drying towers, launching devices for bridge building
1965 - High-voltage power lines in northern Germany
1970 - Bridge bearings and development of vibration absorber systems
1973 - Establishment of the Bernsdorf branch near Dresden in eastern Germany
1991 - Continuation of the business of B.S Lessing/Schwarzheide
1991 - Development of Power Tower
1996 - Introduction of the Building Earthquake Protection product line
1996 - Development of Outafier Coaster
1996 - Establishment of a bridge equipment production facility in Turkey
2000 - establishment of a bridge equipment production facility in China
2003 - Enlarging of product range by Rapid Rails
2004 - Development of X-Car
2004 - Development of Skyrunner
2004 - Development of X-Car Launch Coaster

...continued in the next issue...
Adrenaline is necessary!

The SkyLoop has managed to draw the attention of the media in no time at all. The press are writing another enthusing article. The combination of stunts, tricks, speed, height, and the most spectacular dive formations is frighteningly and, at the same time, fascinating.

In the Adventure World series (“The Adventure of Knowledge”) by DIT, (Dinamico Teo of Gemco TV), the development and construction of a roller coaster with documented using the concept of the SkyLoop M450 “Mach 1” Madrid’s Park Atracciones. Japanese television travelled halfway around the world just to shoot a show on the SkyLoop in the Skyline Park in Germany. Even the German Chancellor of Commerce used the Skyloop as one of his arguments when the German economy has enough momentum to face up to the tough. The Skyloop has become a symbol of the new generation of roller coasters.

After all, no other coaster combines the innovative power, the extreme, the architectural, and the emotional elements as much as the Skyloop does. In other words: adrenaline is necessary!

The X-Car was awarded two renowned prizes: “Best Idea at EAS 2004”, “Nominee for the Design Award of the Federal Republic of Germany 2006”. The dominant innovation is the SkyLoop Launch, while also talking about the multitude of possibilities for the LSM drive. With a pedigree like this interest greets the world with a vertical takeoff. Skyloop Launch is the offspring of the X-Car and is the exclusive attraction in the six-times award-winning Skyloop XT450. The ground-breaking innovations of the X-Car especially sophisticated body-contoured seat restraints, only a lap bar and an ergonomically sophisticated body-contoured seat restraints, only a lap bar and an ergonomically sophisticated body-contoured seat restraints, only a lap bar and an ergonomically sophisticated body-contoured seat restraints, only a lap bar. The Skyloop Launch is the offspring of the X-Car and is the exclusive attraction in the six-times award-winning Skyloop XT450. 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