

SXT 10 - Small mobile REAL free fall tower

The SXT 10 system is a very flexible 40 ft (12m) real free fall tower, which requires very little space and its set up within a few hours. It consists of a 16 x 16 ft (5 x 5 m) SCAD net structure and a small tower equipped with a staircase. It can also be set up without a tower to release riders into free fall from any other 40 ft structure or building. **It is the perfect solution to enhance business of old ride towers.**

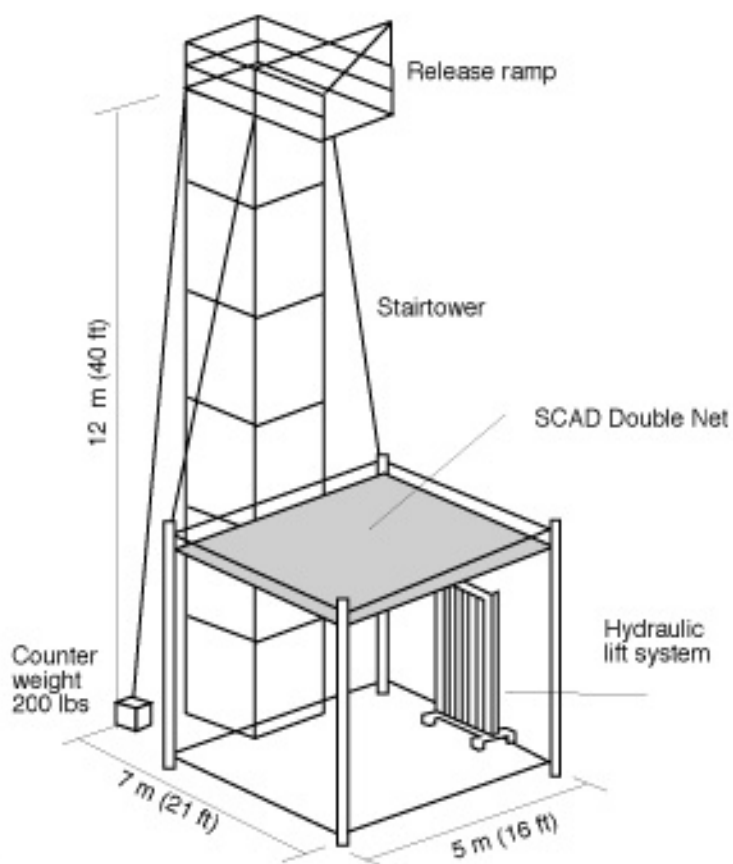
The SCAD net is suspended from 4 small towers by a mechanical spring system and is lifted by a four cable hydraulic lift system, located between the tower feet. The lifting cables are diverted through those towers and drive the net up and down. The entire set up has a footprint of 21 x 16 ft (5 x 7m).

Depending on how many riders can get to the release position of the main tower ramp, the hourly capacity can be up to 60. At the release ramp riders are connected to the easy to dress free fall seat harness CFF. Here the first rider hooks onto the release system. Upon a countdown, the rider experiences free fall at it is best unattached and pure, but controlled by the CFF harness. The lowering and lifting process of the SCAD net each take only 15 seconds, while the next rider is prepared for release on the release ramp.

The SCAD is powered by a high capacity hydraulic lift system, certified for personal transportation. A music sound system is optionally recommended. All parts of the tower are manufactured to the highest quality according to DIN 4112, the stringent official German standard for amusement rides. The SCAD system is type approved by the German technical control board TUV and complies with the US ASTM standards.

Technical data

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| Ride capacity: | 60 riders / h |
| Footprint: | 5 x 7 m / 15 x 20 ft |
| Rec. ride price: | \$ 20 |
| Ramp height: | 12 m / 40 ft |
| Power Europe: | 400 V / 2,2 Kw/ 7 Amp |
| Power US: | 208 V / 2,2 kW/ 14 Amp |
| Staff: | 2 |
| Free fall distance: | 10 m / 30 ft |
| Suspension type: | mechanical spring system |
| Structure: | pipe |
| Small tower height: | 4 m(12 ft) |
| Wind speed: | 20 m/s , 35 mph |
| Set up time: | 4 hours |
| Weight: | Net 2000 lbs Tower 800 lbs |
| Reg. replacements: | springs every 6000 rides (1200 US\$), top net every 3 - 4000 rides (400 US\$) |



Additional features: Mega Splash Pool, Skillift system