

## Magnetic Lifting

FX lifting magnets are the new innovative product in the field of magnetic lifting technology. They work with a single- magnet system consisting of high-energy magnets half-shell, which can be fully activated in only 90° Switching travel, and works completely non-rebound and self-locking. The massive, ball-bearing switch shaft with the half-shell structured magnet has no magnetic Losses due to internal short circuit and can be manufactured in one piece in the entire length without welds or tapered transitions, and without millings for Block magnets what makes them virtually indestructible.

The unique, patent-pending design with half-shell magnets and Reduction of the inner air gap in the magnet system ensure a considerably higher performance by using the same amount of magnetic material - which reduces costs and protects the environment.



**Green Magnets for the modern Industry - Made in Germany**

Gefördert durch:  
 Bundesministerium  
für Wirtschaft  
und Energie  
aufgrund eines Beschlusses  
des Deutschen Bundestages



# Exclusive Benefits of the FX-Series

## FX - Economically the right decision

- Made in Germany
- Standard-compliant and tested  
CE/EN 13155/MRL 2006/42 EWG
- Product liability insurance with a German insurance company
- Multilingual Documentation
- Environmentally friendly and future-proof by higher Power with lower SE Magnet consumption
- **3** years Warranty
- Safety factor **3,5**
- supply of spare parts guaranteed for **10** years
- CAD Data available

## FX - Technically the right decision

- 100% nickel
- High Energy half-shell Magnets
- actuator travel of only 90°
- large forged lifting eye (SF5)
- great performance in a compact design
- short loading- and unloading times
- no mechanical impairment of workpiece
- very massive shift shaft
- recoilless hand operation
- suitable for flat and round materials
- increased safety via simple operation

The large, forged lifting eye is accessible and is, in its load range, beyond the usual Hook sizes (SF5)

The safety groove at the end of the switch knob gives feedback of full lock



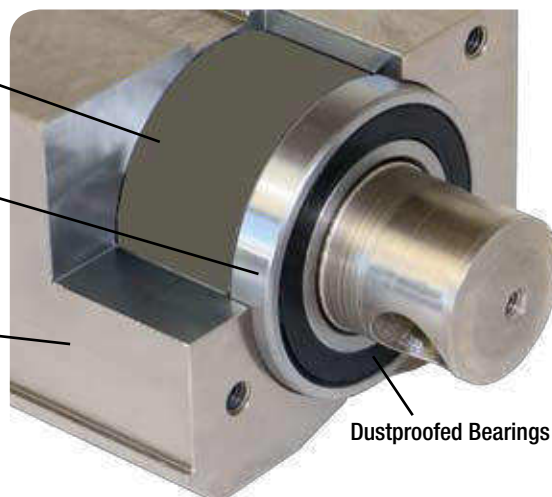
Anodic Type plate

The stable lever with one-handed switch mechanism in self-explanatory hand brake system is equipped with an ergonomic Handle of high PAH-free plastic provided he is well in hand and can be switched easily. Recoilless, self-locking

High energy magnets, ensures stable performance up to the maximum working temperature of 80°C in the magnetic core. Even at these high temperatures, the FX still reaches the norm required safety factor.

Monoblock solenoid shaft, made of one piece, fully plated, ball bearing without mechanical flaw

Massive stator-body manufactured from one piece, completely plated, for maximum corrosion protection



Dustproofed Bearings