



Magnetic Formwork Systems

Contents

MagFly® Technology	18-3
MagFly® AP	18-4
Examples of MagFly® AP Magnets with FlyFrame® Formwork System	18-5

MagFly® Technology

Patented system for efficient formwork



What is MagFly® technology

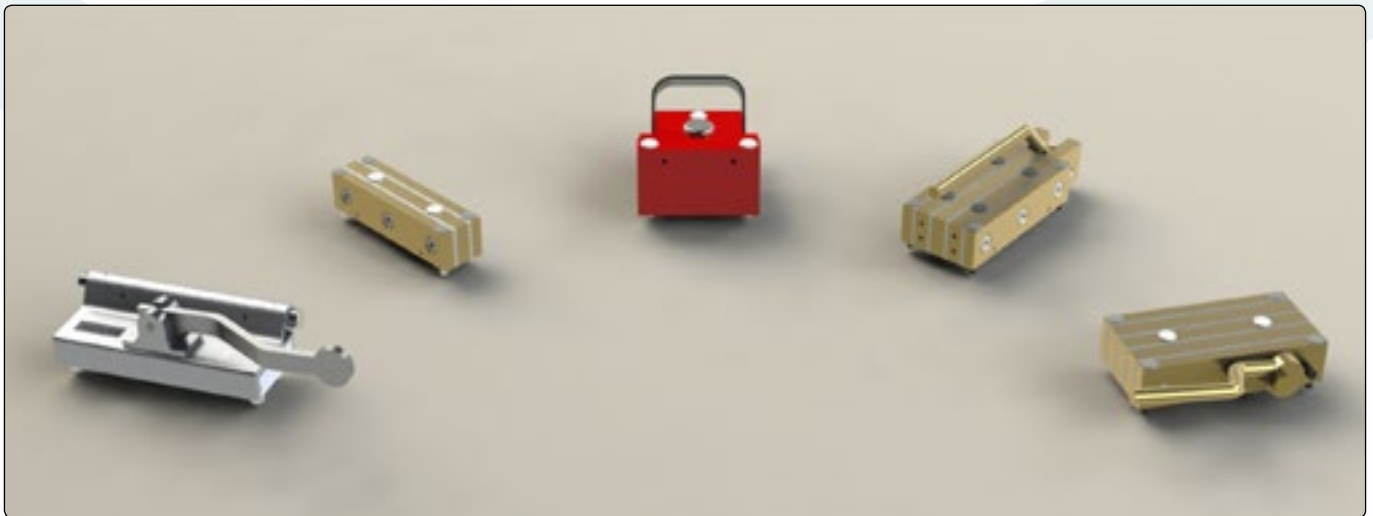
MagFly® technology is a robust and compact magnetic. The secret behind this technology is our patented foot & spring system which makes positioning magnets and/or shuttering precisely to the millimetre simple.

In the “neutral” position there is an air gap between the steel table and the magnet. This air gap means that the full magnetic force of the magnet does not come into play straight away, allowing it to be adjusted to the desired position without clamping.

It is then activated by applying slight pressure. Only then does the full magnetic force become effective, which can be more than 30,000 N per magnet.

Advantages at a glance

- Extremely easy and precise positioning because the magnet seems to glide on the tilting table or steel pallet.
- Precise fixing of the magnet by lightly pushing it; only then does the full magnetic force come into effect.
- Simple visual checking to see if the magnet is sitting properly.
- All the painstaking hammering into position usually required for rigging is dispensed with. This saves time, reduces wear and saves costs.
- Compact construction without steel boxes or casings.
- Full utilisation of the magnetic force by direct and positive connection between steel table, magnet and shuttering.



MagFly® AP

Lightweight magnet technology

What is MagFly® AP?

MagFly®AP is a development of the well-proven MagFly® universal magnet.

With an aluminium casing, high performance magnet materials and an integrated adapter for MultiForm and FlyFrame® shuttering systems, the new system magnet is powerful and lightweight.

With a magnetic force of 22,000 N and a weight of only 5.40 kg it has the best magnetic force to weight ratio of its class worldwide.

Advantages at a glance

- Good ergonomic design; it has low weight and the new type of lever makes carrying and handling easy.
- Extremely light but strong.
- The new MagFly®AP also offers integrated MagFly® technology for precise positioning.
- Accurate fixing of the magnet by light pressure of the hand.
- The permanently mounted eccentric lever makes additional tools for releasing the magnet unnecessary.
- Compact design with integrated adapter for MultiForm and FlyFrame®.



Examples of MagFly® AP Magnets with FlyFrame® Formwork System

