Featuring Variable Field Output (VFO) technology, this automation-ready magnetic gripper can be controlled using CANopen protocols to de-stack and pick single or multiple sheets. Adjustability of magnetic strength between 0 and 100% allows use of this magnet on both thin and thick sheets of varying sizes and material type. CANopen communication allows integration of multiple tools on the same CANopen bus, controlled simultaneously.

Feature

	E30
Weight	0.90 kg
Max Breakaway [1]	56.30 kg
Working Load [2]	14.00 kg
Optimal material thickness	50.00 mm
Max shear	18.00 kg
Overall Height	0.00 mm
Magnetic pole footprint	36x31 mm

[1] Safety factor 2:1
[2] Safety factor 4:1

Notice : The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

ELECTRICAL ACTUATION, VARIABLE FIELD OUTPUT, INTEGRATED SENSORS

Finally, the electric actuation – the all NEW E Series! Combining Magswitch's patented core technology with revolutionary smart tool capabilities and an electric actuation, The all new Variable Field Output (VFO) allows the tool to de-stack thin material and optimize performance for your component. Once the part is gripped and separated from adjacent parts, the tool can be switched to full power for maximum performance.

Advantages

- Electrical actuation of PERMANENT magnets
- Fail safe when actuated at 100%
- Destack, bin pick target parts with different thickness or sizes with one single tool
- Control via CANOpen and power supply through a single M12 connector

Benefits

- Limited maintenance costs
- Limited peripheral equipment costs
- Very low power consumption
- Reduced cycle time
- Controlled integration costs