



# HECS INTEGRATED HYDRAULIC WEDGE CLAMP

UK



Time saving  
solutions

[www.EASchangesystems.com](http://www.EASchangesystems.com)

# Save time and money with integrated hydraulic wedge clamp solutions from EAS

## Why EAS change systems?

EAS offers a wide range of hydraulic clamps with, for example, self-locking and sensor features, for vertical as well as horizontal mold changes, as well as magnetic mold clamping systems. Apart from clamping solutions, EAS also offers ejector couplers, mono and multi couplers for simple and fast connection to all utility connections, mold change tables and carriages as well as inspection units, mold rotate units and mold & die storage systems. EAS can supply all your complete QMC, QDC or SMED solutions from one source.



## HECS Clamping solution

This original Engel clamping system can be applied on any new injection molding machine as well as on vertical presses. HECS keeps the mounting platen free as the standard available EEB bolts mounted on the tools disappear into openings in the platen.

Each tool needs to be equipped with 4 bolts on each side. These bolts are also available from EAS.



# HECS solution for maximum safety and control

## HECS INTEGRATED WEDGE CLAMP features

### A. Sensor Controlled

The HECS is equipped with a two of sensors. These sensors do monitor the clamped and the unclamped status of the HECS. This allows a maximum of safety to prevent machines and materials damage and incidents.

### B. Integration in Injection Molding Machine controls possible with sensorboxes

It is possible to link sensor data with Injection Molding Machine controls. We do connect a sensor box which collect the individual sensor status. After collecting all the sensors data, the sensor box transfer these as a combined signal to the Injection Molding Machine controls. This process helps to increase safety and to manage data in an easier way.

# HECS as an operator friendly clamping solution

### A. Machine platens free of obstacles

Due to its position on the side of the platen, the machine platens is free of obstacles for an easier maintenance and operation.

### B. Centring ring in combination with locking pins

Locking pins and centering ring together insure a safe and secured position of the clamp avoiding mispositioning.



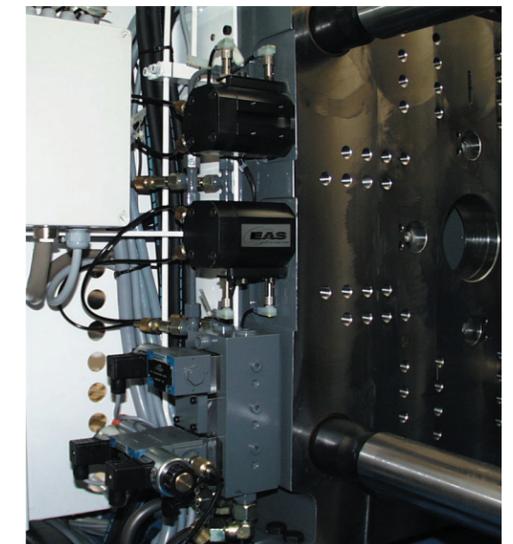
# Get personalized services for your clamps

### A. Low maintenance

EAS HECS clamping do have the advantage to needs a low maintenance. This means you save time and money compared to other similar products.

### B. Retrofit controls package (option)

EAS offer you the possibility to get a retrofit controls package as an option. Which mean if needed, EAS can supply a hydraulic pump unit and operating controls for "stand alone" operation. This provided a simple interface to the Injection Molding Machine.



## Selection charts

EAS TYPE	Clamping force (kN)	Operating pressure (bar)	Outside diameter (mm)	Cylinder length (mm)	Related bolt number	Bolt diameter (mm)
HECS 40	75	140	88	108	EEB 40/41	40
HECS 70	150	140	120	145	EEB 70/71	70
HECS 95	225	140	165	233	EEB 95	95
HECS 120	300	140	210	245	EEB 120	120
HECS 135	400	140	210	245	EEB 135	135

For more detailed information ask EAS.

## Other solutions



### MCS

Magnetic clamping systems (MCS) are also available, shortening changeover time by increasing productivity. These systems can help reduce production costs and require little to no standardization of molds/dies. Our systems offer the highest level of safety for operators, molds, and equipment.



### ELY

Every machine in your factory has its own specifications. If standardization of backplates is not possible, EAS has developed a hydraulic clamp that allows different sized molds to be clamped into the Injection Molding Machine. With one style of clamp, it is easy to have a smooth and quick changeover from one tool to the next. Whether you want a manual or fully automated operation, the ELY rocker clamp can do the job.



### MOD

Meet our best-in-class clamping product: safe, durable, and cost-efficient. Thanks to the 5 ° angle on the plunger end, the MOD wedge clamping cylinders are self-locking, as continuous pressure is not needed for the clamp to stay locked. These hydraulic clamps are designed for use on machines with the EUROMAP drilling pattern. The MOD series feature metric mounting patterns and BSP oil fittings.

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