

Adaptive, manually operated clamping systems

A SIMPLE ADAPTIVE MANUAL CLAMPING SOLUTION

1.1

EUROMAP MACHINES



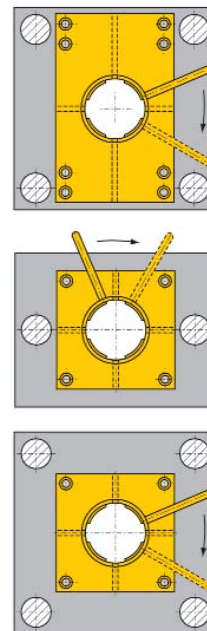
A simple adaptive clamping solution for new or existing injection moulding machines and other applications.

*Mould side:
Moulds can be easily fitted with bayonet centering adapters*

The manual bayonet clamping systems consists of a clamping adapter plate that is bolted to each platen using existing Euromap threaded holes. On the stationary side of the mould the existing locating ring is replaced by one of our bayonet centering adapters. The moveable side of the mould will also require a bayonet centering adapter. When loading the mould into the machine the stationary side bayonet adapter is pushed into the stationary clamping plate. The mould is located on the machine platen-locating ring. The mould is locked in place by a simple 53 degrees rotation of the lever. The machine is closed and the process is repeated on the moving side. The systems are suitable for moulds that weight up to 2 t and injection moulding or rubber moulding machines up to 250 t capacity. The clamping adapter plates are 17 or 22 mm thick with centering ring sizes of 100, 110, 125 and 160 mm. The manual system does not require mould standardization other then mounting of the bayonet adapter rings. Bayonet adapter rings are also available for tools with insulating plates.



*Machine side:
A clamping adapter plate is mounted on each platen. The clamping adapter plate is drilled to fit Euromap mounting plattens*



Application examples

EAS Manual Clamping Solutions for SPI Platen Standards

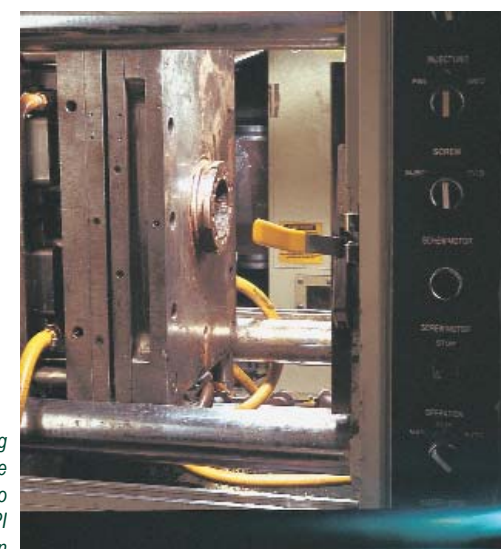
Manual clamping solutions are available for SPI machines with multiple ejector bar holes. These systems utilize a rack and pinion to rotate the lock ring to clamp the mould in place.



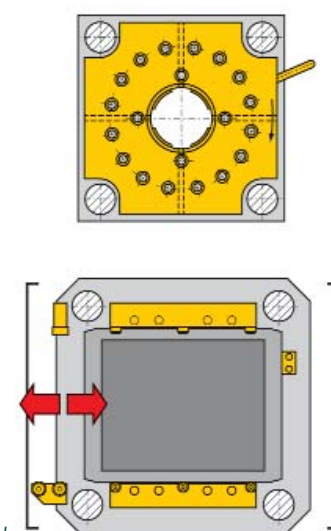
The SPI manual clamp systems are equipped with removable handles.

SPI clamping plates have a thickness of 1" inch. Bayonet adapter rings are available in a variety of configurations.

■ EAS can also supply simple roller systems with manual clamping for horizontally loading moulds.



A clamping adapter plate is mounted to each SPI platen



Horizontal mould change



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