

# ENGEL FAST LANE

## Victory hy-spex US

The **tie-bar-less** ENGEL victory is a proven success story among injection molding machines. Its flexible modular system makes it extremely well suited for producing many different technically complex and thick-walled parts of the highest quality. Its tie-bar-less technology, which has proven itself for over 25 years, enables you to use a relatively small injection molding machine even for large molds.

Model	Clamp Force (US Tons)	Platen Size H x W (inch)	Screw Diameter (mm)	Max Shot Size (oz)	Features
200/55 hy-spex US	55	19.69 x 17.72	22/25/30	1.7/2.2/3.2	- 1 hydraulic core pull
330/85 hy-spex US	85	26.38 x 23.62	30/35/40	3.6/4.9/6.4	- 1 air-blow
500/130 hy-spex US	130	29.13 x 26.77	35/40/45	6.4/8.0/10.2	- 4 programmable I/Os
750/180 hy-spex US	180	29.53 x 29.53	45/50/55	10.2/12.5/15.2	- premium barrel and screw
1050/240 hy-spex US	240	34.65 x 32.68	50/55/60	13.5/16.3/19.4	- ceramic heater bands
1800/340 hy-spex US	340	43.31 x 39.37	60/70/80	24.4/33.2/43.4	- check valve for ejector

### Gain more freedom and productivity

The excellent platen parallelism provides particularly even distribution of the clamping force and the best possible protection for the mold.

- ✓ Tie-bar-less technology = **small machine for large molds**
- ✓ Free access to mold area = **easy and fast mold changes**
- ✓ Uniform distribution of clamping force = **consistently high part quality**



### Profit from higher energy efficiency

The low friction levels, closing pressure lock-in and ENGEL **ecodrive**, servo-hydraulic system make it possible to match the energy efficiency levels achieved by all-electric machines in the production of technically complex parts.

- ✓ **Reduced energy consumption**
- ✓ **In many cases no cooling water consumption for hydraulic oil**

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