

Keyseating machines



- Particularly quick and easy to set up
- Easy to operate even for inexperienced staff
- Setup errors minimised
- Low maintenance requirement

The troubleshooting

The problem:

Operating of keyseating machines is highly skilled work.

Our solution:

The innovative tooling system clamps the tools automatically in correct position. Required parameters are entered very clearly arranged and self-explanatory by using a touch-panel, thus reducing the skill level required.

The problem:

On cutting high-alloyed steel the cutters are deteriorating.

Our solution:

Return speed can be reduced or the cutter can be lifted right out of the keyway for the return stroke. Using a special cutting fluid has also positive effects.

The problem:

Keyseating machines are underutilised. For this reason the budget for the investment is often low.

Our solution:

The new HNZ 32/400 eco offers a previously Unobtainable price-performance-ratio.

Special features

- Automatically correct positioned and repeatable clamping of the tools
 - Stroke setting by direct entry or "teach in"
 - Direct input for keyway depth setting without test cutting
 - Stroke limitation for smaller toolsets
 - Automatic depth of chord calculation
 - Central power flow due to two-cylinder design
 - Variable return speed
 - Siemens-PLC (S7-1200)
 - The cutter can be lifted right out of the keyway for the return stroke
- The following additional features are available on the Easy Range:**
- Efficient load sensing proportional hydraulic unit
 - Cutting force monitoring and limitation
 - Parameter data sets can be stored



Technical Data

Machine type HNZ ...		32/400 eco	50/350 easy	50/500 easy	70/650 easy	100/800 easy
Keyway width max.	mm	32		50	70	100
Stroke max.	mm	400	350	500	650	800
Cutting force max.	kN	10		20	30	40
Cutting speed	m/min	1 - 20				
Return speed	m/min	max. 30				
Drive rating	kW	3		5,5		7,5
Floorspace (WxD)	mm	700 x 900	900 x 900		1000 x 1000	1100 x 1200
Machine height	mm	1050	1100	1250	1550	1900