



# KEYSEATING MACHINES SC32 & SC50



## PRACTICAL AND SLIM

The keyseating machine SC32/50 is a slim and easy to use professional machine for workshops and larger production facilities.

Due to its rigid structure and state-of-the-art servo drivesystems and Fanuc control system it is a high performant and highly reliable machine. A fast delivery of all cutting tools and accessories – for standard tools overnight – helps to reduce downtime and production costs.

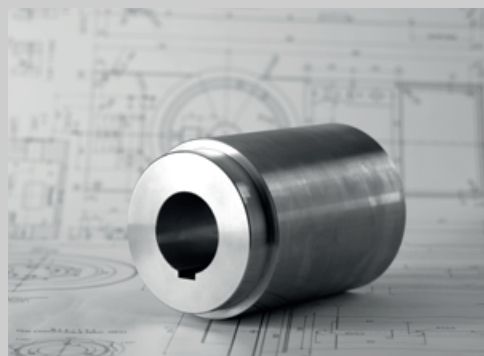
The SC32/50 is able to machine straight grooves, taper keyways and grooves in blind holes. It is able to produce regular and multiple keyways and standard and custom internal gears.

Compact structure to minimise the overall dimensions and to guarantee rigidity and cutting stability.



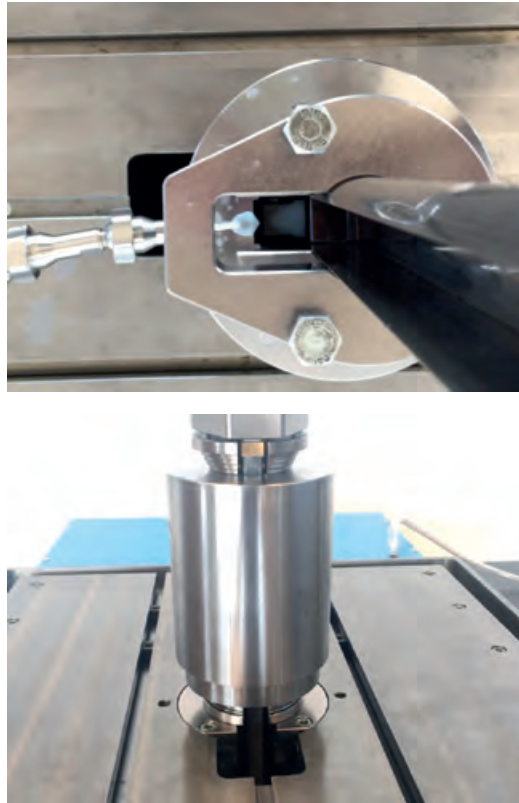
## CHARACTERISTICS

- Electromechanical machine, equipped with brushless motors.
- Base comprised of heavy duty stiffened shoulders that contain the coolant tank.
- Self-centring piece clamping system.
- Tool blocking system connected at the two ends, to avoid peak loads on the tool itself.
- Hardened main guides with recirculating ball sleeves.
- Ball screws without backlash.



## BENEFITS

- The machine allows the realization of
  - long and particularly big keys;
  - passing slots.
- FANUC control system.
- Reduction of set-up time.



### SC32-450

### SC50-550

#### CHARACTERISTICS

Max. key width [mm]*	32	50
Max. key length [mm]	450	550
Max. cutting speed	15 m/min	15 m/min
Max. return speed	20 m/min	20 m/min
Cutting force	40 kN	40 kN
Feed [mm]	0.01 – 1.5	0.01 – 1.5
Table [mm]	640x640	640x640
Power supply	15 kW; 400V – 50Hz – 3-ph + E	15 kW; 400V – 50Hz – 3-ph + E

#### Dimensions

Width [mm]	1725	1725
Depth [mm]	1300	1300
Height [mm]	1500	1500

#### Weight

Overall weight approximately [Kg]	1700	1700
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\* For blind slots the max width (mm) is: SC32-450: 16mm & SC50-550: 25mm

