



## Workshop unit 322

### Technical data sheet



- Marking area 100 x 100 mm (X/Y)
- Designed for continuous production
- Stable, long life and low-maintenance machine design
- Available marking technologies: scribe, stylus, dot marking or DataMatrix marking
- Universal and flexible marking unit for direct part marking
- X/Y-axes of the coordinate unit with high precision polished linear slides
- Drive with powerful stepping motors and robust ball spindle drive
- Fold bellow as contact and dust protection



### Application area

The workshop unit 322 is a name plate marking unit and is used for very deep markings to mark individual components, prototypes and limited-lot productions.

### Options

- Electric adjustment unit (only in conjunction with protection device)
- Different marking areas
- Customized logos and special characters
- Special machines with semi or fully automatic part handling
- Panel-PC (touchscreen 12.1")
- Circumferential marking unit (different diameters)
- Manual plate slider



322 with fold bellow





## Technical data

Property	Measure, Unit, Explanation
Dimensions (W x D x H)	350 x 460 x 705 mm
Adjustment range of the marking unit (Z-direction)	max. 200 mm (manually)
Weight of the workshop unit	approx. 33 kg
Marking speed (depending on character size and shape, marking process and motorisation)	up to 10 characters/ second (see marking times spreadsheet)
Fast motion speed	up to 0.5 m/sec
Character height	from 0.5 mm (enhancing in 0.1 mm steps)
Documentation	German or English Other languages are optional
Penetration depth marking tip (depending on material, marking head and marking process)	approx. 0,01 – 0,5 mm (see data sheet marking heads)
Noise level with scribe markers	max. 75 dB(A) (depending on workpiece)
Color of bonnet	RAL 7035, grey
Drive	high dynamic stepping motors
Option: electric adjustment unit	on request
Option: Panel-PC	on request

### Media supply

Power supply with connecting cable	230 V AC $\pm$ 10 %, 50/60 Hz or 115 V AC $\pm$ 10 %, 50/60 Hz switchable
Pneumatic connection (input pressure) technically conditioned compressed air	Min. 5 bar (min. 75 psi) dried, oil-free, filtered with 50 $\mu$ m

Technical details are subject to change.

