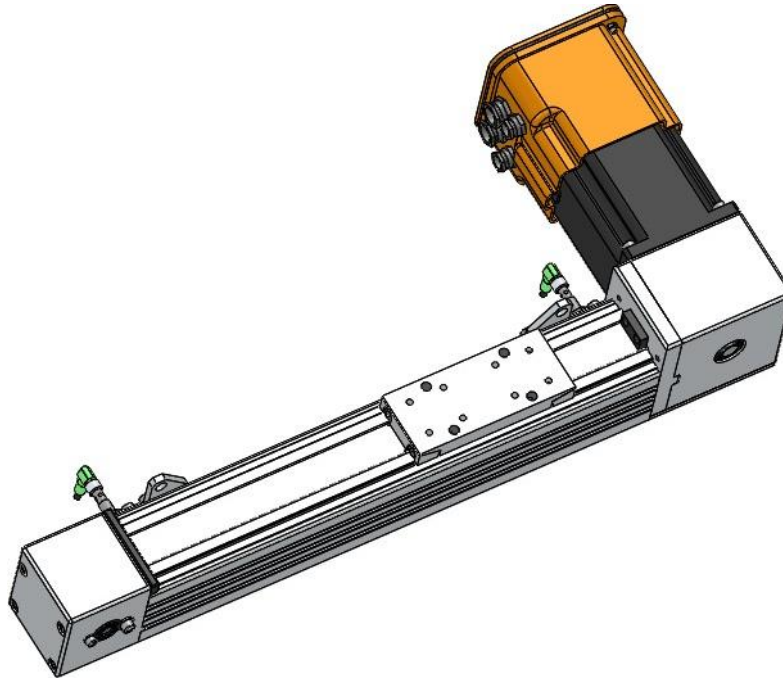


V2



# SGRP 65

Inkjet

The SGRP 65 linear axis is ideally suited for the linear movement of inkjet printheads.

## CONCEPTION

With this ready-to-install set, composed of its mechanics, control and software, you automate your marking prints in a simple and easy way.

Here you have a complete solution with a wide choice of possibilities for your applications.

## COMPOSITION

Construction in compact anodized aluminum profile

Guidance is provided by an integrated size 15 rail. On this rail moves a trolley mounted on two ball pads with scraper joints, each having 4 recycled ball circuits.

Useful stroke from 100 to 2500 mm maximum.

## APPLICATION

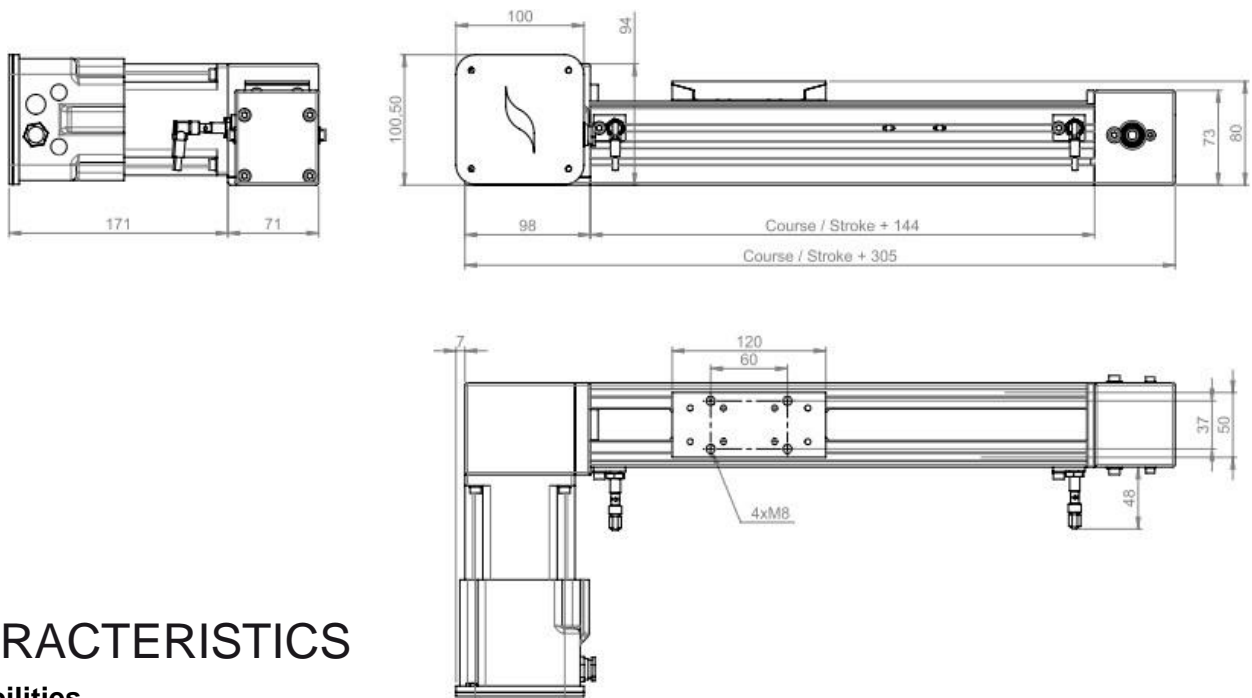
The SGRP 65 linear axis has a stepper motor and intelligent electronics that make it possible to carry out several round trips such as:

- Marking back and forth with a marking top
- Round trip marking with a top marking go and a top marking back
- Delayed departure of the marking on the outward and return journeys
- Reverse marking on return

DISPLACEMENT UNIT  
FAST LINE WITH CRUNCHY BELT

# SGRP 65

V2



## CHARACTERISTICS

### Possibilities

- Settings and the program are stored in non-volatile memory
- Programming by USB link, use of a PC, software included
- The parameters to be defined are :
  - Movement parameters: Start position, Arrival position, independent return speed (from 0.2 to 1.5 m/s), acceleration (5 to 10 m/s<sup>2</sup>).
  - Type of movement cycle at each start of the cycle: Round trip movement, Outward and return movement
  - Definition of the printing top: 1 top marking on outward and / or return movement, position of the top possible over the entire length of the displacement
  - Choice of the side of the origin: on the engine side or on its opposite, triggered manually or automatically.

### Connections

- Cable inlet by 3 cable presses, 2 for cable diameter 9 mm, 1 for cable diameter 6 mm.
- Connection of the wires on internal terminal block to the motor (section 1<sup>2</sup> max)
- Local control of the inputs (start cycle & origin) by two buttons, visualization of the state of the outputs (Top object & inversion of the marking / end of cycle) by LEDs in the connection box.

### Characteristics

#### • 2 x 24V Inputs (PNP)

- 1 Entry Origin
- 1 Cycle Start entry

#### • 2 x 0V Output (NPN)

- Top object
- Marking reversal / end of cycle

#### • Power

- Translator board for integrated stepper motor protected against short circuits delivering a maximum current of 4 Amps under 24V.
- External 240V/ 24V 5A power supply to be integrated into the equipment where it will be installed. External 24Vdc power supply is provided