![Sigea robotique logo]

# SGRP 65
## Positioner

With this ready-to-install positioner, composed of its mechanics, control and software, you automate your positioning systems in a simple, easy and precise way.

### CONCEPTION

The SGRP 65 positioner has a stepper motor and intelligent electronics allowing you to chain a series of movements.

It works with a 24V DC, 5 A power supply that must be integrated on the equipment where it is installed.

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

### APPLICATION

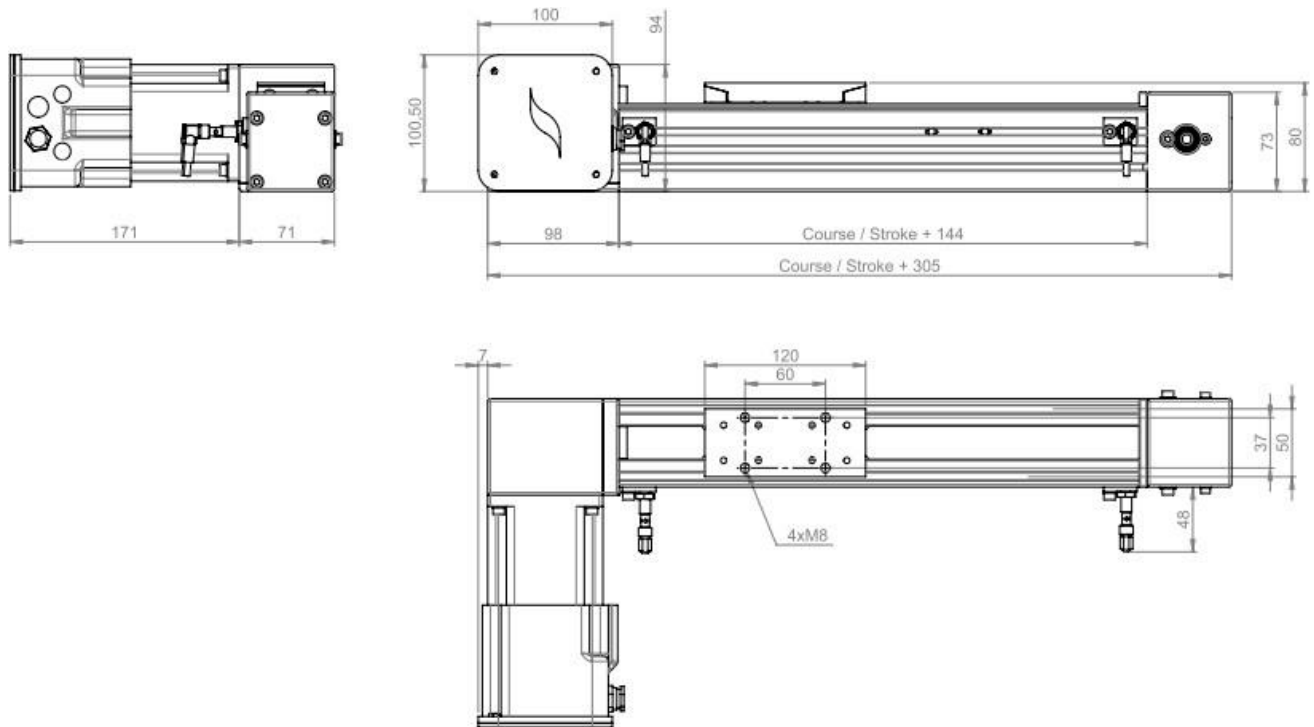This positioner integrates 10 expandable blocks programmable in basic configuration.

These positioning blocks each have their own parameters:

- Position to reach
- Speed to go to the position
- Output to be enabled/deactivated once in position
- Active/inactive inputs once in position
- Delays after each movement
- Outputs to be enabled/disabled before leaving a position

The included PC software uses a USB connection for parameterization. Parameters are stored in non-volatile memory

DISPLACEMENT UNIT
FAST LINE WITH CRUNCHY BELT

# SGRP 65



# TECHNICAL CHARACTERISTICS

### 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.

### Power
Translator board for integrated stepper motor and protected against short circuits delivering a maximum current of 4 amps under 24Vdc.
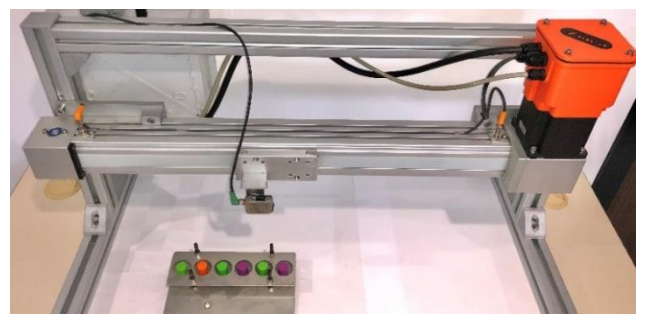External 24Vdc power supply is provided

### 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 1² max)

Possibility of local control of the inputs by two buttons, visualization of the status of the outputs by LEDs in the connection box,

### Characteristics
2 x Programmable 24V Inputs (PNP)
2 x Programmable 0V Output (NPN)



**Example application: Positioner for color control by infrared laser sensor**