

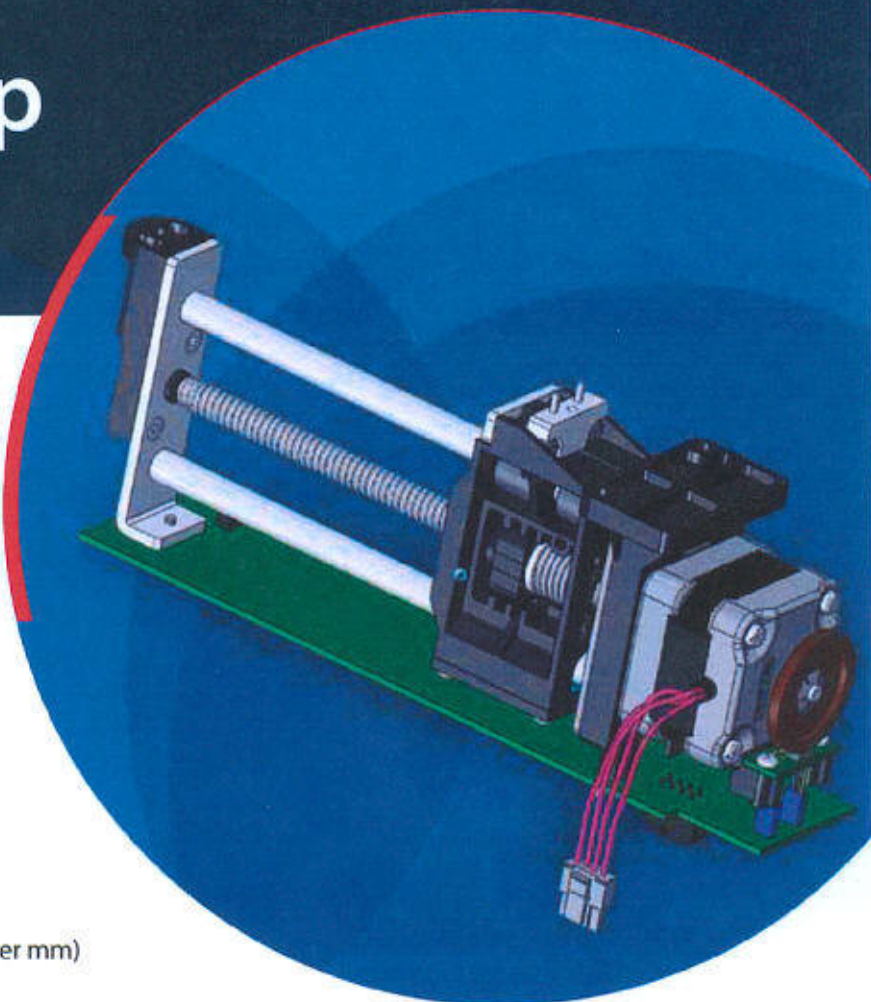
# Mechatronic System Syringe pump drive unit



**SONCEBOZ**  
from mind to motion

## Features

Force	up to 120 N at max speed
Travel	92mm (up to 100mm)
Linear speed	6mm/s (up to 10mm/s)
Resolution	0.01mm per full step
Operating temperature	0 to 60°C
Humidity	0 to 90% RH non condensing
Electrical interface	Step motor: 2 phases Power supply: 3 to 5 VDC / Gnd Optical sensors: open collector Encoder: TTL output
Encoder	speed and direction (16 pulses per mm)
Weight	600g



## Benefits

- High positioning precision thank to step motor technology
- Smooth linear movement thank to low friction mechanics
- End of stroke detection with optical sensors
- Magnetic encoder for redundancy operation
- Fully tested and validated module

Our core competencies consist of design, development and production of mechatronic drive systems and electric motors that operate in harsh environments. We are committed to improving safety, decreasing energy consumption and minimizing the impact on the environment. Our focus on innovation, best in class quality and exceptional service is our key to success for worldwide OEM customers and their suppliers.

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