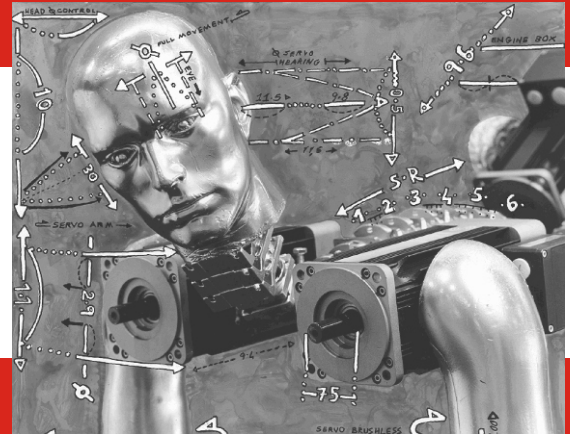
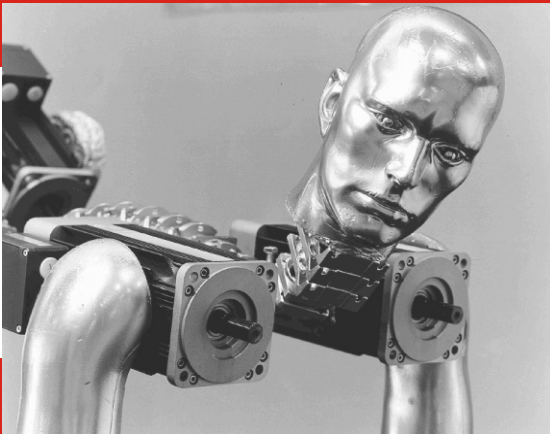


LINEAR MOTOR (English Version)



SKAcompact

The SKA linear technology is now available with aluminium extruded body. This configuration is named SKA Compact. The complete linear actuator combines the performance of direct drive technology -direct mechanical connection to the load to be driven - with the mechanical mounting facility. High energy FeNdB magnets and high force density iron core synchronous motor assure the high system efficiency, speed, acceleration and positioning accuracy. SKA Compact allows multiple X, Y, Z shape configurations like gantry and cantilever vertical or horizontal.

General features

	55HX	55HS
Peak force N	450	825
Continuous force* N	150	275
Max. speed m/s	5	5
Acceleration m/s ²	50	50
Stroke	from 300 to 3.000 mm	

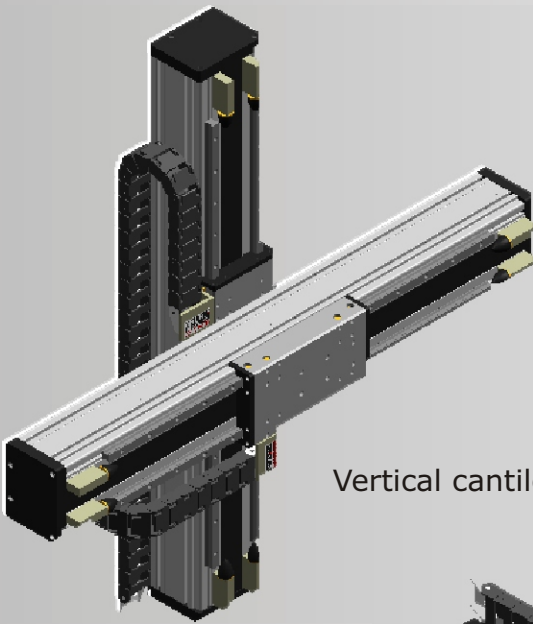
*Data are rated at $\Delta T = 80^{\circ}\text{C}$, $0-40^{\circ}\text{C}$ environmental temperature - Class F insulation

*Performances are rated with natural ventilation

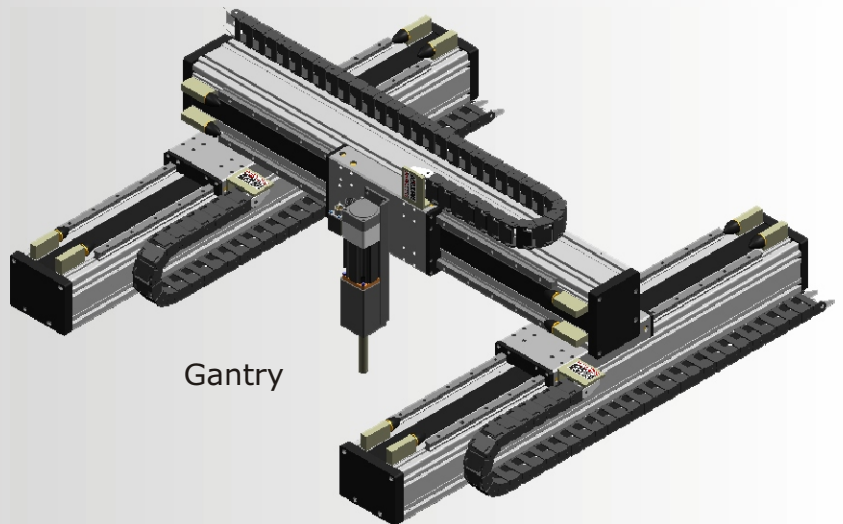
Power supply drives: 145 Vac, 220Vac, 380Vac

Transducers: sin-cos encoder, TTL (optical and magnetic)

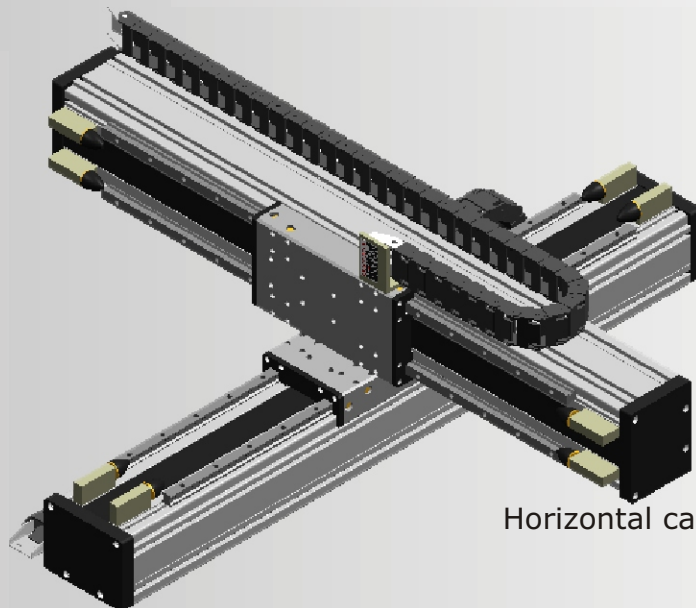
Aluminium frame with a complete plug and play system, temperature sensor, linear ballbearings rail, flexible encoder cables and cables carrier.



Vertical cantilever



Gantry



Horizontal cantilever