

Project Planning Sheet Linear Modules and Linear Systems

Creator:		Date:	
Company:		Timetable:	
Projectname:		Quantity:	
Contact person:		<input type="checkbox"/> System	<input type="checkbox"/> Components

Application:

Axis (X, Y, Z, rotary axis,...):			
Position (horizontal, vertical):			
Stroke in mm:			
Load capacity (without motor) in kg:			
Speed in m/s:			
Acceleration in m/s ² :			
Cycle time in s:			
Number of cycles per hour:			
Additional force in N:			
Repeatability in mm:			
Positioning accuracy in mm:			
Preferred actuator ¹⁾ :			

Description of a typical working cycle (traveling distance, acceleration times, break times, ...)
(e.g. 500 mm in 0,5 s, stop for 1 s, 500 mm back in 0,5 s, stop for 2 s, ...)

Drive included?	<input type="checkbox"/> yes	<input type="checkbox"/> no	
Control:	<input type="checkbox"/> uncontrolled	<input type="checkbox"/> Point to Poin	<input type="checkbox"/> Path control / PVT
Existing drive, type:			
Existing control-system, type:			
Required interface ²⁾ :			
Required interface of encoder ³⁾ :			
External conditions ⁴⁾ :			
Delivery of energy chain?			

Notes:

¹⁾Linear motor, Ballscrew, Belt

²⁾e.g. serial, 10 V analog, Profibus, CANopen, sercos

³⁾e.g. 1 Vpp, TTL, SSI, EnDat

⁴⁾e.g. Cleanroom, chips, dust, oil