

Project Planning Sheet

Axis Systems and Components

Company:	Processes by:
Technical consultant:	Date:
Purchasing consultant:	Project name:

System <input type="checkbox"/> Component <input type="checkbox"/>	Quantity:
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Project plan (current state of project/schedule/quantity/aimed price)

Application (industry sector, machine type, usage, sketch, drawing etc.)

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

¹⁾ Linear motor, ballscrew, belt

Cycle (traveling distance, acceleration times, break times)

e.g.: 100 mm in 0.5 s; stop for 1 s; 500mm back in 0.5 s; stop for 2 s; ...

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Additional features	
Drive included?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Control	uncontrolled <input type="checkbox"/> point to point <input type="checkbox"/> path control/PVT <input type="checkbox"/>
Existing drive, type	
Existing control system, type	
Required interface ¹⁾	
Required interface of encoder ²⁾	
Ambient conditions ³⁾	
Delivery of energy chain?	

¹⁾ e.g. serial, 10V analogue, Profibus, CANopen, sercos

²⁾ e.g. 1V_{pp}, TTL, SSI, EnDat

³⁾ e.g. clean room, chips, dust, oil

Notes