

Declaration of incorporation

in terms of the Directive 2006/42/EG, Annex II, Part 1.B of the European Parliament and of the Council on machinery.

Manufacturer/ SCHUNK GmbH & Co. KG Clamping and gripping technology
Distributor Bahnhofstr. 106 - 134
D-74348 Lauffen/Neckar

We hereby declare that on the date of the declaration the following partly completed machine complied with all basic safety and health regulations found in the directive 2006/42/EC of the European Parliament and of the Council on machinery. The declaration is rendered invalid if modifications are made to the product.

Product designation: Automatic tool changer for deburring spindles / ATC / pneumatic

The partly completed machine may not be put into operation until conformity of the machine into which the partly completed machine is to be installed with the provisions of the Machinery Directive (2006/42/EC) is confirmed.

Applied harmonized standards, especially:

EN ISO 12100:2010 Safety of machinery - General principles for design -
Risk assessment and risk reduction

The manufacturer agrees to forward on demand the relevant technical documentation for the partly completed machinery in electronic form to national authorities.

The relevant technical documentation according to Annex VII, Part B, belonging to the partly completed machinery, has been created.

Person authorized to compile the technical documentation:
Robert Leuthner, Address: see manufacturer's address

Signature: see original declaration

Lauffen/Neckar, January 2021

p.p. Ralf Winkler; Head of Technology &
Engineering, Mechanics Gripping Systems

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Annex to Declaration of Incorporation

according 2006/42/EG, Annex II, No. 1 B

1. Description of the essential health and safety requirements pursuant to 2006/42/EC, Annex I that are applicable and that have been fulfilled with:

Product designation	Automatic tool changer for deburring spindles		
Type designation	ATC		
To be provided by the System Integrator for the overall machine			↓
Fulfilled for the scope of the partly completed machine			↓
Not relevant			↓
1.1	Essential Requirements		
1.1.1	Definitions		X
1.1.2	Principles of safety integration		X
1.1.3	Materials and products		X
1.1.4	Lighting		X
1.1.5	Design of machinery to facilitate its handling		X
1.1.6	Ergonomics		X
1.1.7	Operating positions		X
1.1.8	Seating		X
1.2	Control Systems		
1.2.1	Safety and reliability of control systems		X
1.2.2	Control devices		X
1.2.3	Starting		X
1.2.4	Stopping		X
1.2.4.1	Normal stop		X
1.2.4.2	Operational stop		X
1.2.4.3	Emergency stop		X
1.2.4.4	Assembly of machinery		X
1.2.5	Selection of control or operating modes		X
1.2.6	Failure of the power supply		X
1.3	Protection against mechanical hazards		
1.3.1	Risk of loss of stability		X
1.3.2	Risk of break-up during operation		X
1.3.3	Risks due to falling or ejected objects		X
1.3.4	Risks due to surfaces, edges or angles		X
1.3.5	Risks related to combined machinery	X	
1.3.6	Risks related to variations in operating conditions		X
1.3.7	Risks related to moving parts		X
1.3.8	Choice of protection against risks arising from moving parts		X

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1.3	Protection against mechanical hazards			
1.3.8.1	Moving transmission parts			X
1.3.8.2	Moving parts involved in the process			X
1.3.9	Risks of uncontrolled movements			X
1.4	Required characteristics of guards and protective devices			
1.4.1	General requirements			X
1.4.2	Special requirements for guards			X
1.4.2.1	Fixed guards			X
1.4.2.2	Interlocking movable guards			X
1.4.2.3	Adjustable guards restricting access			X
1.4.3	Special requirements for protective devices			X
1.5	Risks due to other hazards			
1.5.1	Electricity supply	X		
1.5.2	Static electricity	X		
1.5.3	Energy supply other than electricity			X
1.5.4	Errors of fitting		X	
1.5.5	Extreme temperatures			X
1.5.6	Fire			X
1.5.7	Explosion			X
1.5.8	Noise		X	
1.5.9	Vibrations		X	
1.5.10	Radiation	X		
1.5.11	External radiation	X		
1.5.12	Laser radiation	X		
1.5.13	Emissions of hazardous materials and substances	X		
1.5.14	Risk of being trapped in a machine			X
1.5.15	Risk of slipping, tripping or falling			X
1.5.16	Lightning			X
1.6	Maintenance			
1.6.1	Machinery maintenance			X
1.6.2	Access to operating positions and servicing points			X
1.6.3	Isolation of energy sources			X
1.6.4	Operator intervention			X
1.6.5	Cleaning of internal parts			X
1.7	Information			
1.7.1	Information and warnings on the machinery			X
1.7.1.1	Information and information devices			X
1.7.1.2	Warning devices			X
1.7.2	Warning of residual risks			X

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1.7	Information			
1.7.3	Marking of machinery			X
1.7.4	Instructions		X	
1.7.4.1	General principles for the drafting of instructions			X
1.7.4.2	Contents of the instructions			X
1.7.4.3	Sales literature		X	
	The classification from Annex 1 is to be supplemented from here forward.			
2	Supplementary essential health and safety requirements for certain categories of machinery			X
2.1	Foodstuffs machinery and machinery for cosmetics or pharmaceutical products	X		
2.2	Portable hand-held and/or guided machinery	X		
2.2.1	Portable fixing and other impact machinery	X		
2.3	Machinery for working wood and material with similar physical characteristics			X
3	Supplementary essential health and safety requirements to offset hazards due to the mobility of machinery	X		
4	Supplementary essential health and safety requirements to offset hazards due to lifting operations	X		
5	Supplementary essential health and safety requirements for machinery intended for underground work	X		
6	Supplementary essential health and safety requirements for machinery presenting particular hazards due to the lifting of persons	X		