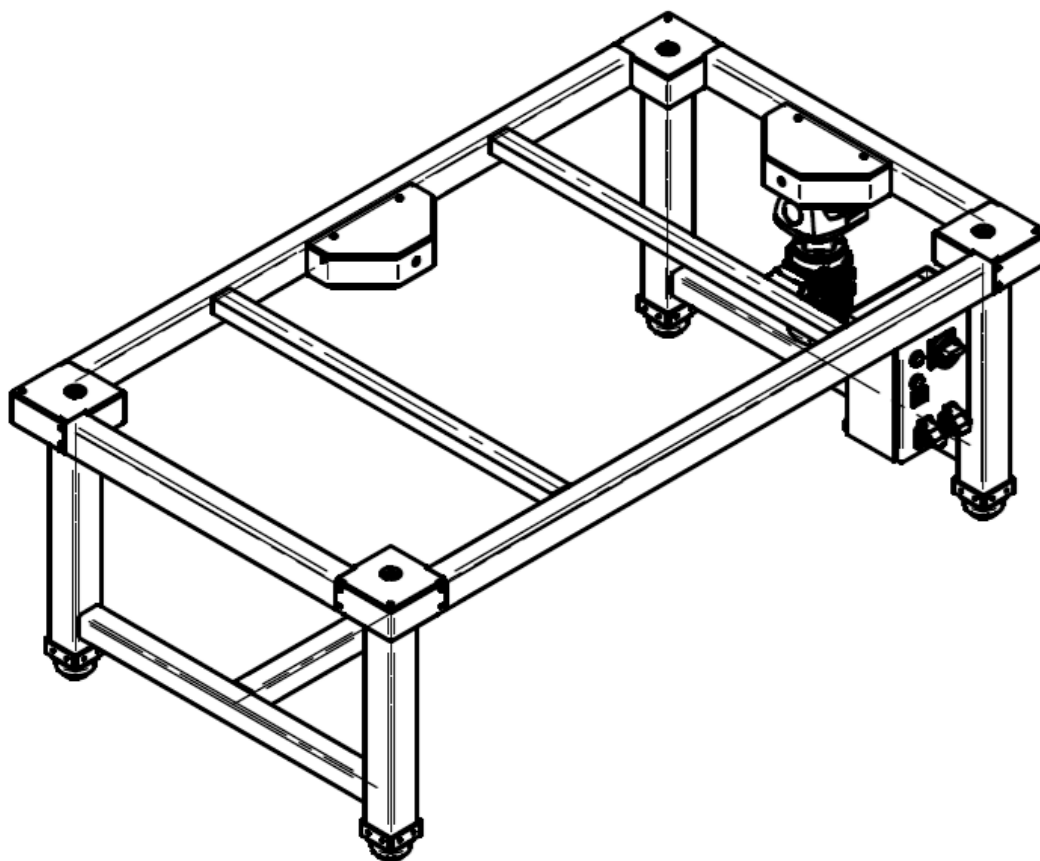


Operating Instructions

PETec Advanced

Height-Adjustable Work Table
with electric drive



Machine type: PETec Advanced

Drive: Electric drive unit

Manufacturer: PETec GmbH, Zum Osterfeld 6, 59872 Meschede, Germany

Version: 2026-07-02

1 General

1.1 Purpose of These Operating Instructions

These operating instructions describe the safe transport, installation, commissioning, operation, care, maintenance and inspection of PETec Advanced tables. They are intended for operators, operating personnel, maintenance personnel and qualified persons. The operating instructions are an integral part of the table. They must be read and understood before starting any work. The operator must ensure that all persons involved are instructed and trained according to their respective tasks.

1.2 Explanation of Symbols and Notices

The following symbols and notices must be observed. They are classified according to ISO 3864-2 / ANSI Z535.4.

DANGER



Indicates an imminent hazard.

If the information is not followed, death or severe physical injury, including permanent disability, will result.

WARNING



Indicates a potentially hazardous situation.

If the information is not followed, death or severe physical injury, including permanent disability, may result.

CAUTION



Indicates a potentially hazardous situation.

If the information is not followed, property damage as well as minor or moderate physical injury may result.



NOTICE

Indicates general information, useful user tips and work recommendations which do not affect the safety or health of personnel.

DANGER



Electrical installation compartment

These instructions must be strictly observed.

Make sure that these signs are not covered and remain clearly legible at all times.

1.3 Qualification of Personnel

Operating personnel must be instructed in the safe operation of the table.

Maintenance and adjustment work may only be carried out by competent, authorized personnel.

Inspections after repair work or significant modifications must be documented by a qualified person.

Work on safety-relevant components may only be carried out after approval by PETec or by appropriately qualified specialist personnel.

2 Safety

2.1 Basic Safety Instructions

WARNING

**Hazard due to improper use**

The table may only be used as intended. Modifications, overloading, one-sided loading, operation with damaged components or undocumented repair work can lead to serious injuries and property damage.

Keep the working area clean and free of tripping hazards.
Keep unauthorized persons away from the working area.
Carry out a visual and functional inspection before each use.
Observe the maximum permissible load and load distribution.
Do not transport or lift persons on the table.
Do not remain under a raised load or under moving parts.
Avoid crushing and shearing points in the area of the mechanism, castors, guides and underside of the table.
If unusual noises, stiffness, visible damage or unclear function occur, take the table out of operation immediately.

2.2 Intended Use

The PETec Advanced table is intended as a height-adjustable work table for working on the tabletop. Depending on the version, it can be used as a workbench, assembly table or welding table.
Intended use includes compliance with these operating instructions, the company safety instructions, the maintenance intervals and the documented inspections

2.3 Improper Use

Transporting persons or remaining on the tabletop during height adjustment.
Exceeding the permissible load capacity or operating the table with impermissible load distribution.
Operation on unsuitable, non-load-bearing or uneven ground.
Moving the table contrary to the intended transport position or with an unsecured load.
Use as a lifting platform, ladder, anchor point, crane substitute or pressing device.
Operation with damaged guides, chains, drive elements, castors, locking devices or protective components.
Unauthorized modifications to load-bearing or safety-relevant components.

2.4 Personal Protective Equipment

Wear safety shoes during transport, installation and work with heavy workpieces.
Wear protective gloves during assembly, cleaning and maintenance work.
Wear safety goggles during cleaning, lubrication and adjustment work.
Wear close-fitting clothing. Secure jewellery, loose straps and long hair.

2.5 Symbols on and Inside the Table

Safety stickers are attached in the hazardous areas of the table. These stickers explain themselves either by the symbols used or by short texts. Make sure that these signs are not covered and remain clearly legible at all times.

2.6 Operating Modes and Operating States

The table can be in different operating modes or states.
This includes power on / power off at the main switch.

2.7 Emergency Stop / Main Switch

The drives are brought to a stop via the main switches on the control cabinet.
The entire table is de-energized via the main switch on the control cabinet. When actuated, the voltage in the control cabinet is interrupted. All connected devices at the sockets are de-energized.

2.8 Occupational Safety

The table has been manufactured in accordance with the EC Machinery Directive and the relevant occupational safety and accident prevention regulations. To prevent accidents, the power supply to the table must be switched off and de-energized during repair work. The drive must be switched off during setup work.

DANGER



Danger to life!

There is danger to life if safety devices are bypassed or if the safety instructions and safety stickers on the table are not observed.

2.9 Safety Instructions for Operating Personnel

Keep your working area tidy. Disorder increases the risk of accidents.
Use protective equipment, such as hearing protection, protective gloves, protective clothing and safety goggles.
Only carry out work for which you have been assigned.
Do not allow unauthorized persons access to the table.
During cleaning work on the table, the power supply must be switched off and secured against unintentional restart.

2.9.1 Reducing the Risk of Accidents

To reduce the risk of accidents, wear:
Close-fitting clothing.
Hazard due to catching:
No jewellery.
Hazard due to catching and entanglement:
Use suitable lifting equipment when transporting heavy or bulky parts, such as inspection tools.

2.9.2 Safety Instructions for Operating the Table

Safety devices must never be dismantled or taken out of operation, for example by removing or disabling the main switch / emergency stop device. If dismantling of safety devices is required during maintenance or repair work, the safety devices must be reinstalled immediately after completion of the work.

During repair work on the system, the power supply must be switched off and secured against unintentional restart.
If changes occur on the table or irregularities in its operating behaviour are observed, shut down the table and report the fault to the responsible supervisor.

The table may only be put back into operation after the fault has been eliminated. Work on the electrical equipment of the table must be left to qualified electricians or to authorized, instructed persons in your company.

2.9.3 Notes on Operation and Maintenance

To avoid endangering operating personnel and other persons, the hazardous areas of the system, especially during dynamic testing, must be secured by suitable measures, for example a barrier chain.

The specified dimensions for barriers and any walkways that must be kept clear must be observed in accordance with the applicable European and national accident prevention regulations. Every person assigned to the installation, commissioning, maintenance and servicing of the system must have read and understood the operating instructions, especially Chapter 2 Safety. If necessary, an internal operating instruction should be issued, taking into account the professional qualification of the persons involved. Only use equipment recommended by PETec GmbH. Before each use of the table, check whether the Up and Down buttons are functional. All maintenance and servicing work must be documented by entering all work performed in the machine-specific maintenance table. See following page.

The manufacturer accepts no liability for damage resulting from improper or unintended use.

2.10 Residual Risks

Hazard	Cause	Measure
Crushing / shearing	Height adjustment, guides, castors, underside of table	Keep hands and body parts away from the danger zone. Do not reach into the table during movement.
Tipping / instability	Overloading, one-sided load, unsuitable ground	Check load capacity, centre of gravity and ground. Set up the table level.
Drawing-in / entanglement	Moving drive elements and drive components	Keep loose clothing away. Do not remove covers. Keep body parts away from moving components.
Falling parts	Unsecured workpieces or attachments	Secure workpieces. Do not overload the tabletop.
Loss of function	Wear, lack of maintenance, incorrect adjustment	Carry out regular maintenance. Take the table out of operation in the event of a fault.
Hazard	Cause	Measure

3 Product Description

3.1 Design and Main Assemblies

Depending on the version, the work table consists of a load-bearing steel frame, a tabletop support or customer-specific work surface, an electric motor for height adjustment, a control box with Up/Down buttons, guide elements, heavy-duty castors or adjustable machine feet, as well as the associated electric drive and control elements.

- ① Steel frame
- ② Chain tensioner
- ③ Control box
- ④ Electric motor
- ⑤ Tabletop support
- ⑥ Adjustable machine feet
- ⑦ Adjustable guide rails

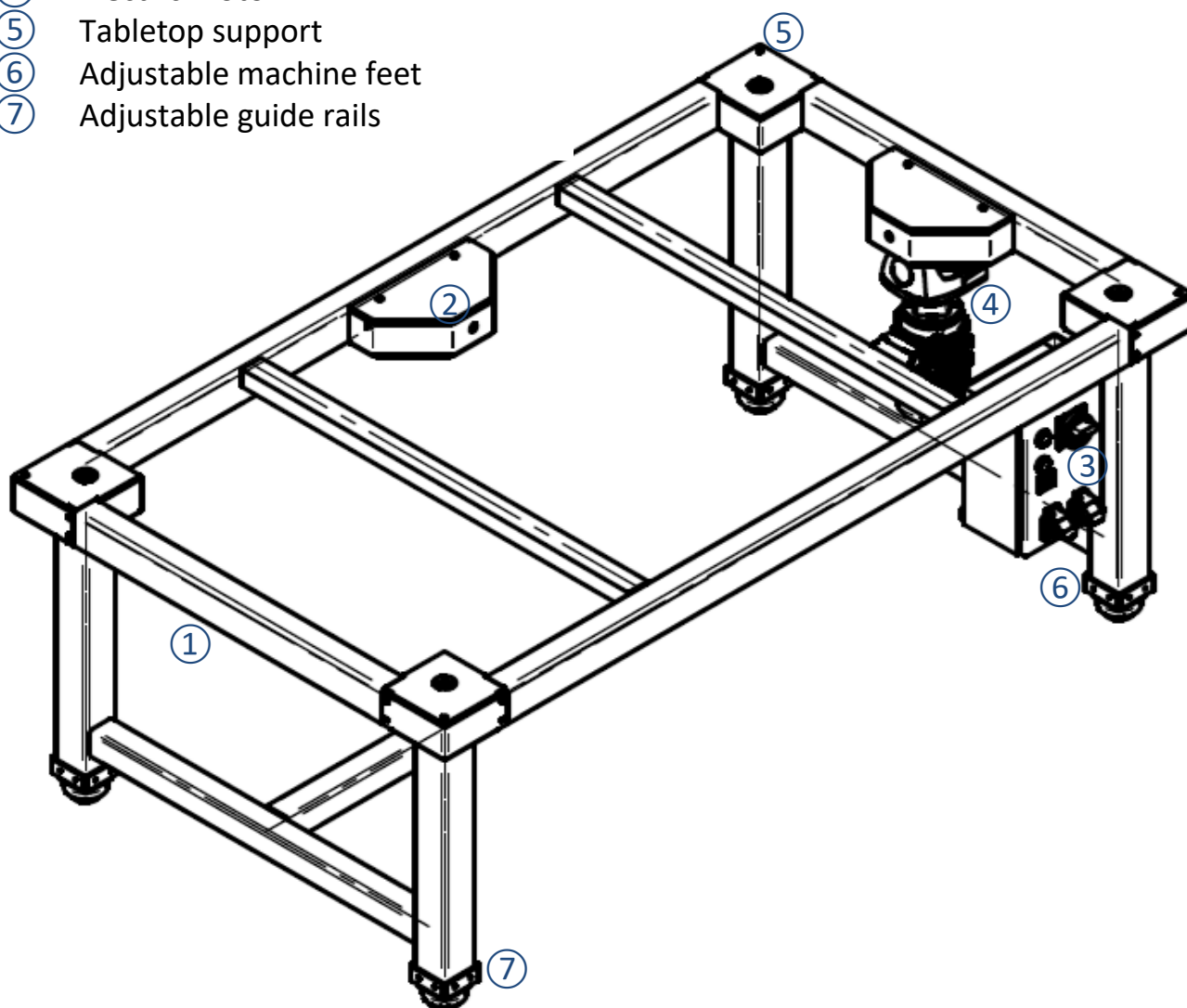


Figure: Design and main assemblies of the height-adjustable work table

The illustration shows an example of the basic design with steel frame, tabletop support, electric height adjustment, control box, guide elements as well as castors and adjustable feet. The actual version may vary depending on the variant, tabletop and customer-specific equipment.

3.2 Technical Data



Important

The binding technical data are specified on the type plate, in the data sheet and in the order documents for the respective table.

Maschine type	Advanced
Drive	Electric motor drive

4 Transport, Installation and Choice of Location

4.1 Transport

Only move the table using suitable lifting and transport equipment. Before transport, remove or secure loose workpieces, tools and attachments. When lifting, observe the lifting points and centre of gravity. Do not attach loads to components that have not been approved for lifting. Keep transport routes clear and sufficiently dimensioned. After transport, check for visible damage.

4.2 Choice of Location

The location must be level, load-bearing, slip-resistant and free of obstacles. Escape and rescue routes must not be restricted. Provide sufficient space for operation, height adjustment, maintenance and material handling. Avoid crushing and shearing points between the table and its surroundings. For versions with castors: actuate the locking devices before starting work, if provided by the design.

4.3 Alignment and Adjustment

Position the table at the intended location. Check the floor and support points. Align the table horizontally. Use suitable measuring equipment. Adjust castors, machine feet or levelling devices depending on the version. Ensure that the height adjustment can move over the entire intended range without collision.

CAUTION



A table that is not aligned can lead to increased wear, stiffness, uneven guidance and reduced stability.

5 Commissioning

5.1 Inspection Before Initial Commissioning

Check the scope of delivery, accessories and documents against the order documents.
Check the table for transport damage, loose components and visible deformation.
Document the type plate and serial number.
Provide the operating instructions and instruct the operating personnel.
Check installation, alignment and free movement.
Check the function of the castors, locking devices and, if applicable, adjustable feet.
Test the height adjustment without load slowly over a short range.
Only test the height adjustment with a permissible test load after a successful no-load test.

5.2 Initial Commissioning Checklist

Nr.	Prüfpunkt	OK / n. i. O.	Bemerkung
1	Operating instructions available	[]	
2	Personnel instructed	[]	
3	Location load-bearing and level	[]	
4	Table aligned	[]	
5	Free movement checked	[]	
6	Electric drive unit checked	[]	
7	Guide rails checked	[]	
8	Chain / drive checked	[]	

6 Operation and Height Adjustment

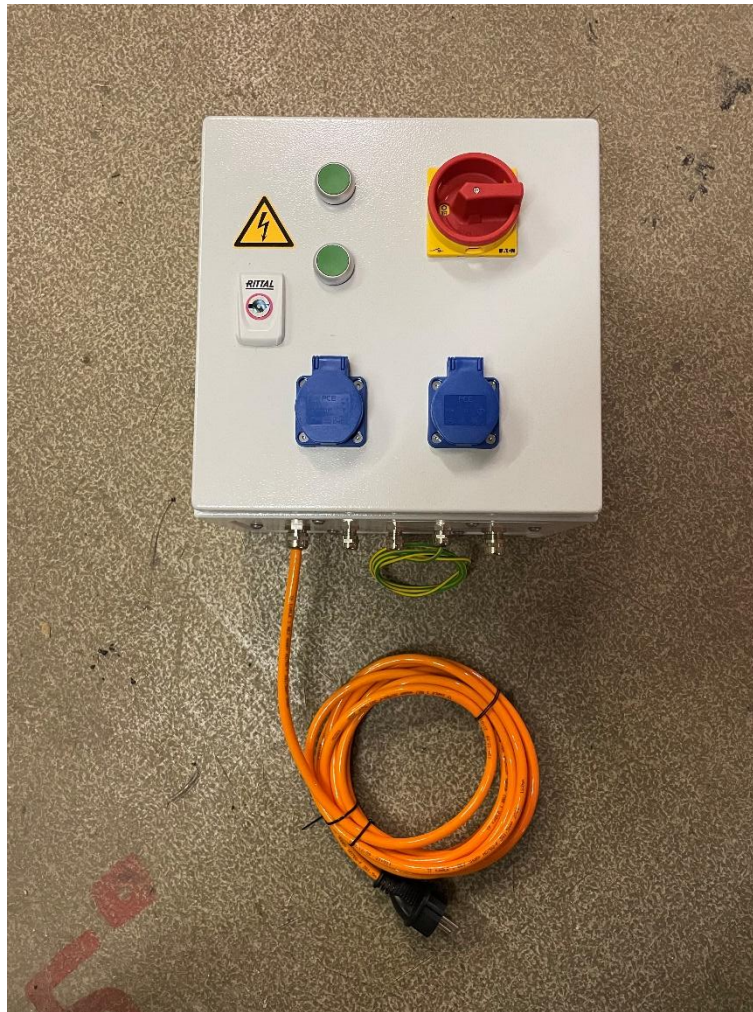
- Connect the power plug to a 230 V power supply.
- Switch on the main switch.
- By continuously pressing the “Up” or “Down” button, the table moves upwards or downwards. The button must be kept pressed during movement. When the button is released, the height adjustment stops.



6.1 Control Cabinet

The control cabinet is used to operate the table electrically. This includes controlling the height adjustment of the table, providing the operating voltage and communication with the frequency inverter.

The following images show the control cabinet in closed and open condition. The corresponding table describes the operating elements.



- Door lock of the control cabinet. It may only be opened by qualified electrical personnel using a special key.
- Up / Down buttons for height adjustment.
- Main switch / emergency stop switch: This switch disconnects the supply line to the table. The table is de-energized.
- Lock: opens the control cabinet.
2x sockets: 230 V.



- The frequency inverter controls the height adjustment drive.
- Power supply unit: provides the voltage for sensors, force sensor and communication.
- Siemens SIRIUS safety relay.
- Rear side of the operating elements on the front panel.

6.2 Circuit Diagram for the Control Cabinet

F26_001

GSI

GSI GmbH

Liebigstr. 26
52070 Aachen
Tel. +49 (0) 241 912 828 42

Firma / Kunde PETec
Projektbeschreibung
Projektnummer
Kommission

Hersteller (Firma) GSI GmbH

Pfad
Projektname PETec Std
Fabrikat
Typ
Installationsort
Projektverantwortlicher GSI
Teilebesonderheit

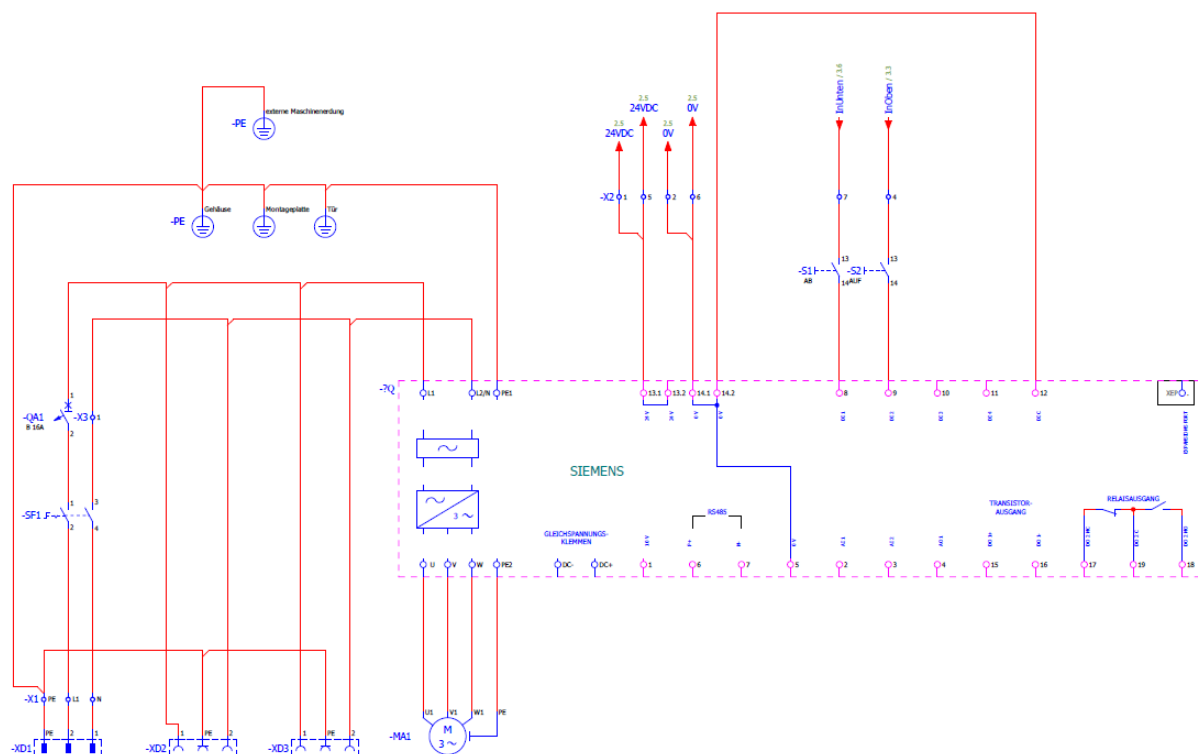
Erstellt am 28.01.2021

Bearbeitet am 20.07.2021

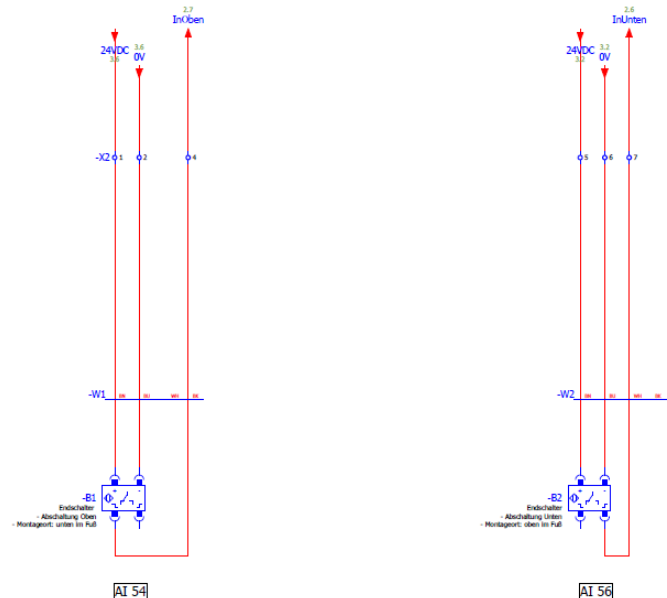
von (Kürzel) Schl Christoph Schlicht

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Klemmenplan

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Klemmenplan

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Klemmenplan

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All work on the electrical equipment of the table may only be carried out by qualified electricians or instructed persons under the direction and supervision of qualified electricians in accordance with the electrotechnical regulations.

6.3 Initial Start-Up

CAUTION

Before commissioning, make sure of the following points:



1. Are all safety devices installed and do they function correctly?
2. Has the operating personnel been instructed using the operating instructions for the table?
3. Has an internal operating instruction been issued and understood?
4. Has the system been installed correctly?
5. Has the wiring between the system and the control cabinet been carried out in accordance with the regulations?

7 Risk Assessment

7.1 General

The risk assessment and risk reduction carried out can be divided into six process steps.

Determining the limits of the machine.

Identifying the hazards and the associated hazardous situations that may arise from the machine.

Estimating the risks, taking into account the severity of possible injuries or health damage and the probability of occurrence.

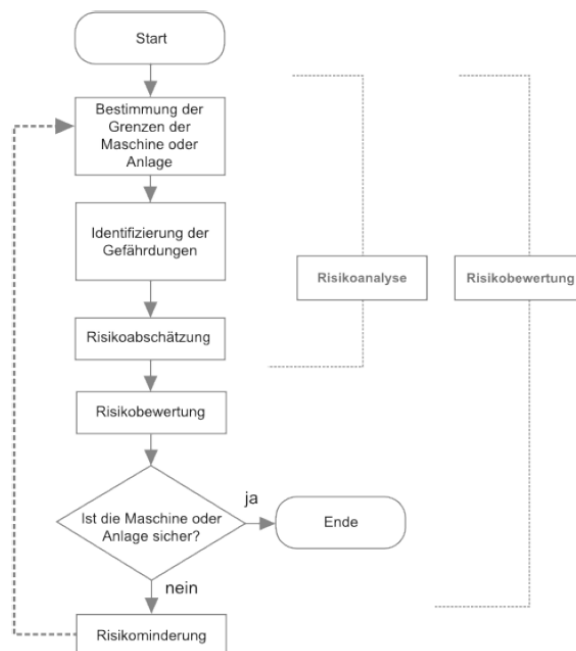
Evaluating the risks in order to determine whether risk reduction is required.
Eliminating the hazards or reducing the risks associated with these hazards.
Evaluating whether sufficient risk reduction has been achieved.

During design and development, the three-step method for risk reduction according to the EC Machinery Directive 2006/42/EC was applied.

The three steps are defined as follows:

Risk reduction step = inherently safe design
Risk reduction step = technical and other protective measures
Risk reduction step = user information

The following flow chart shows the iterative process used in the risk assessment of the hazards.



7.1.1 Limits of the Machine

By defining the limits of the machine, the risks considered for the machine can be limited. According to DIN EN ISO 12100, the limits of the machine are divided into three categories: intended-use limits, spatial limits and time limits.

7.1.2 Risk Assessment

For the risk assessment, the hazards were identified and evaluated. The identification of the risk was classified and sorted according to the list in DIN EN ISO 12100. For the evaluation, an assessment method was selected that calculates a risk priority value. This value is calculated by multiplying the severity (S), probability of occurrence (E) and avoidability (V) of the damage. If this value is below the limit risk value of 125, the required safety is achieved. The following tables quantify the evaluations:

Schwere des Schadens (S)	Auswirkungen, Schadensausmaß	Beschreibung
10	Tod und irreversible Verletzungen mit Arbeitsausfall von mehr als 6 Wochen (Verlust von Augen, Gehör, Armen, Beinen)	Eine bedeutende irreversible Verletzung heißt, dass es sehr schwierig sein wird, die gleiche Arbeit nach Heilung beizubehalten, wenn Heilung überhaupt möglich ist.
8	Größere und/oder irreversible Verletzungen mit Arbeitsausfall bis zu 6 Wochen (Verlust von Gliedmaßen, z. B. Finger)	Eine größere und/oder irreversible Verletzung bedeutet, dass es möglich ist, die gleiche Arbeit nach Heilung beizubehalten. Dies kann auch eine schwere größere, jedoch irreversible Verletzung, wie z. B. Verlust von Gliedmaßen einschließen.
5	Reversibel mit lang- oder kurzfristigem Arbeitsausfall von bis zu 4 Wochen (gebrochene Gliedmaßen, Fleisch- oder Stichwunden, schwere Quetschungen)	Eine reversible Verletzung einschließlich gebrochener Gliedmaßen, schwerer Fleisch- oder Stichwunden und schwerer Quetschungen bedeutet, dass es der Behandlung durch einen Mediziner bedarf.
2	Reversibel: Erste Hilfe mit anschließender kurzzeitiger Einschränkung (oberflächliche Schnitt- oder Schürfwunden)	Eine kleinere Verletzung einschließlich Schrammen und/oder kleinere Quetschungen bedeutet, dass es der Behandlung im Rahmen Erster Hilfe bedarf mit anschließender kurzzeitiger Einschränkung (z. B. Verband, Pflaster).
1	Sehr gering	Die Gefahr ist merkbar, es treten jedoch keine Verletzungen auf.

Bewertung Schwere des Schadens

Vermeidbarkeit des Schadens (V)		Risikowahrnehmung (W) und die Möglichkeit, der Gefahr auszuweichen:		
Qualifikation des Personals	Geschwindigkeit des Auftretens	Ja	Teilweise	Nein
Q (qualifiziert)	L (langsam)	2	3	5
	R (rasch)	3	4	6
	P (plötzlich)	4	5	7
U (unqualifiziert)	L (langsam)	5	6	8
	R (rasch)	6	7	9
	P (plötzlich)	7	8	10

Bewertung Vermeidbarkeit des Schadens

Eintrittswahrscheinlichkeit und Exposition (E)					
Eintrittswahrscheinlichkeit des gefährdenden Ereignisses in Bezug auf die Lebensphase	Gefährdungsexposition: Aufenthalt im Gefahrenbereich in % der Arbeitszeit / Schicht				
	100 %	60 %	25 %	10 %	5 %
Sehr wahrscheinlich	10	10	9	8	8
Wahrscheinlich	10	9	8	7	6
Wenig wahrscheinlich	7	6	5	4	3
Unwahrscheinlich	5	4	3	2	1
Vernachlässigbar	3	2	2	1	1

Bewertung Eintrittswahrscheinlichkeit

The table lists the different hazards and risks after the first iteration. If the risk priority value is higher than the limit value of 125, the risk was further reduced in the next iteration step.

7.2 Adjusting the Yellow Machine Feet

To ensure that the table stands securely even on uneven ground, the yellow machine feet can be adjusted up and down manually by turning them

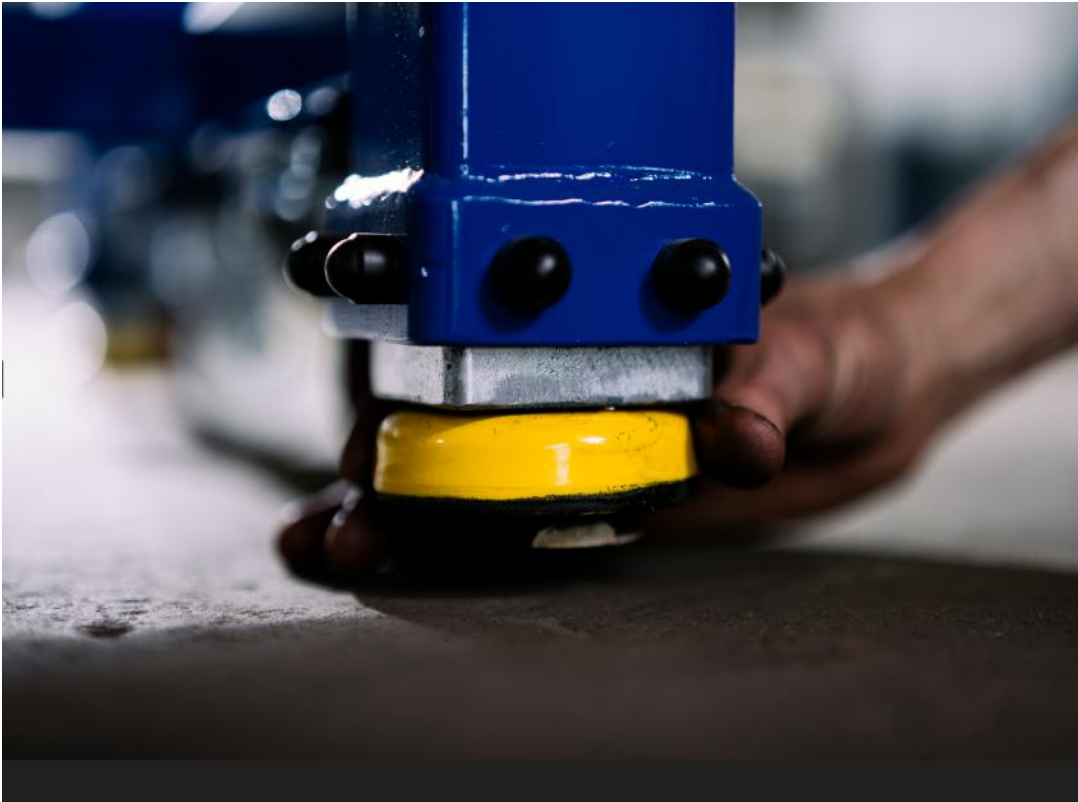


Figure: Adjustable machine feet

7.3 Moving / Relocating the Table

If the version is equipped with castors, the table may only be moved in accordance with its intended function. Workpieces and attachments must be secured or removed before moving. The castors and locking devices must be checked before starting work.

Do not move the table with an unsecured or unstable load.
Do not park the table on inclined surfaces.
After moving the table, actuate the locking devices and check that it stands securely.
For heavy loads, observe additional internal company transport instructions.

8 Care, Maintenance and Inspection

8.1 Principles

Regular care and maintenance preserve function, reduce wear and support operational safety. Maintenance and servicing work must be documented. Damaged or worn safety-relevant components must not continue to be used.

8.2 Maintenance Schedule

Intervall	Component	Activity	Documentation
Before each use	Complete table	Visual inspection for damage, loose parts, foreign objects and free movement	Operator inspection
Before each use	Operating elements / control box	Visual inspection for damage, free operability and correct function	Document any defects
Weekly / as required	Castors / locking devices	Check function, clean, assess wear if necessary	Maintenance log
Monthly	Screw connections	Visual inspection, re-tighten if necessary according to PETec specifications	Maintenance log
Every 6 months	Moving components	Cleaning, lubrication, wear inspection	Maintenance log
Every 6 months	Guide rails	Check play, running behaviour and adjustment	Maintenance log
Every 6 months	Chain / chain drive	Check tension, condition, lubrication and running	Maintenance log
Annually	Complete table	Inspection by a qualified person according to company specifications	Inspection log
After repair / modification	Affected assemblies	Functional and safety inspection before re-commissioning	Inspecti
Before each use	Complete table	Visual inspection for damage, loose parts, foreign objects and free movement	Operator inspection
Before each use	Operating elements / control box	Visual inspection for damage, free operability and correct function	Document any defects

8.3 Cleaning

Clean the table regularly to remove chips, grinding dust, welding residues, oil, grease and other contamination. Do not use aggressive cleaning agents that attack paint, seals, plastics or guides. Do not clean guide elements and chain drive with a high-pressure cleaner. After cleaning, check moving parts for free movement.

8.4 Lubrication

All moving parts of PETec Advanced tables must be inspected regularly and relubricated if necessary. This includes in particular spindles, guides, bearing points, joints and mechanically loaded friction and sliding surfaces.

For relubrication, use a high-quality lithium soap-based multipurpose grease or a comparable industrial grease for plain and rolling bearings. The grease should be suitable for high surface pressures, slow movements and use on mechanical adjustment units.

The lubrication points must be checked regularly depending on use, load and environmental conditions. For normal workshop and industrial use, visual inspection and relubrication at intervals of approximately 6 months is recommended. In the event of heavy contamination, high load, frequent adjustment or use in dusty environments, the interval should be shortened accordingly.

Before relubrication, coarse contamination and old contaminated grease must be removed. Apply the lubricant sparingly and evenly. Excess grease must be removed so that dirt is not bound and the movement of the components is not impaired.

For self-lubricating guides or low-maintenance bearing elements, no aggressive cleaning agents or lubricants may be used. Only material-compatible care products and lubricants may be used so that the sliding properties and service life of the components are maintained.

9 Adjustment Work on Guide Rails and Chain

WARNING



Adjustment work may only be carried out by qualified personnel.

Readjustment work on guide rails and the chain affects function and operational safety. Work may only be carried out with the table unloaded, secured and by authorized specialist personnel.

Before recommissioning, a functional test and documentation must be completed.

9.1 Readjusting Self-Lubricating, Adjustable Guide Rails

The guide rails ensure play-free and uniform guidance of the moving table components. They are self-lubricating and adjustable. Readjustment is required if noticeable guide play, rattling, uneven running or jamming is detected. Excessive readjustment causes stiffness and increased wear.



9.1.1 Preparation

Clear the table of workpieces and tools.

Move the table into a safe, easily accessible maintenance position.

Secure the table against unintentional movement.

Switch off the power supply and secure it against unintentional restart. Switch off the main switch. Before starting adjustment work, make sure that the height adjustment cannot be operated.

Clean the guide area. Remove dirt, chips and foreign objects.

9.1.2 Adjustment Procedure

Slightly loosen the lock nuts of the adjusting screws.
Apply the adjusting screws evenly and step by step. Always adjust in pairs or symmetrically in order to avoid tilting.
Only readjust the guide until the play is minimized and the movement can still be carried out smoothly.
Secure the lock nuts with the prescribed torque.
Move the table without load over the relevant height range and check for smooth, jerk-free movement.
If stiffness occurs, slightly reduce the adjustment and check again.
After successful inspection, document the maintenance in the log.

9.2 Checking and Readjusting the Chain / Chain Drive

The chain drive transmits the movement of the mechanical height adjustment.
The chain tension must be adjusted so that the chain runs safely, does not skip and does not create excessive bearing or friction forces. A chain that is too loose may skip or cause noise. A chain that is too tight will result in increased wear and stiffness.

9.2.1 Checking the Chain

Unload the table and secure it against unintended movement.
Check the chain and sprockets for wear, damage, rust, uneven running and foreign objects.
Check chain slack at the defined measuring point.
Check the chain for sufficient lubrication.
If chain links are damaged, if wear is severe or if sprockets are damaged, take the table out of service and use replacement parts.

9.2.2 Readjusting the Chain

Loosen the fastening or lock of the chain tensioner.
Increase or reduce chain tension step by step until the specified slack has been reached.
Check the alignment of the sprockets. The chain must run in alignment.
Secure the chain tensioner and fasteners with the specified torque.
Move the table without load slowly over a short range. Observe the running behavior and listen for noises.
Carry out a functional test over the intended height range.
Document the adjustment.

9.3 Functional Test After Adjustment Work

Remove tools and foreign objects.
Reinstall protective and cover elements.
Move the table slowly without load and observe the movement range.
Test the table with the permissible test load according to PETec specifications.
There must be no unusual noises, no jerking, no jamming and no impermissible play.
Complete the maintenance / inspection log and document approval for use.

10 Troubleshooting

Fault	Possible cause	Measure
Table is difficult to adjust	Overload, contamination, guide too tight, chain too tight	Reduce load, clean, check adjustment; take out of service if the cause is unclear.
Jerky movement	Contaminated guide, uneven load, incorrect adjustment	Check load distribution, clean/adjust guides, carry out functional test.
Rattling or play	Guide play, loose screws, chain slack	Check/readjust guide rails and chain; check screws.
Chain skips / noise in chain drive	Chain too loose, worn sprockets, incorrect alignment	Stop operation, check chain drive and adjust according to PETec specifications.
Cordless drill slips / tool holder damaged	Incorrect socket, wear, socket placed at an angle	Check tool holder; use suitable 24 mm socket / adapter; replace damaged parts.
Table stands unstably	Unsuitable ground, castors/brakes not secured, unfavorable load distribution	Check location, brakes, load distribution and alignment.
Unusual noises	Foreign objects, wear, lack of lubrication	Take table out of service, determine cause, document maintenance.

WARNING



In the event of safety-relevant faults, the table may only be operated again after the cause has been eliminated and a documented inspection has been completed.

11 Decommissioning, Disassembly and Disposal

11.1 Temporary Decommissioning

Clean the table and store it in a dry place.
Protect moving components against corrosion.
Secure the table against unauthorized use.
In the event of longer storage, carry out regular visual inspections.

11.2 Disassembly

Disassembly work may only be carried out by qualified personnel. Before disassembly, loads must be removed, moving parts must be secured and suitable lifting equipment must be provided. If in doubt, contact PETec.

11.3 Disposal

Components, lubricants and packaging materials must be disposed of in accordance with locally applicable regulations. Metal components can generally be recycled. Lubricants, contaminated cloths and operating materials must be disposed of separately.

12 Spare Parts and Customer Service

For repairs and spare parts, only suitable original spare parts or spare parts approved by PETec may be used. Non-approved modifications may impair safety and will result in the loss of warranty and liability claims.

Request information	Machine type, serial number, year of manufacture, fault description, photos
Documentation obligation	Document all repairs and spare part replacements.
Approval after repair	Carry out functional and safety inspection.
Questions	Contact PETec Customer Service.

13 Documentation: Instruction, Maintenance, Inspection

13.1 Training Record

No.	Name	Date	Instructed by	Signatur
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				

13.2 Maintenance and Repair Log

Date	Machine type	Work performed	Name	Signatur

13.3 Inspection Log

Inspection date	Scope of inspection	Result / defects	Inspector / signature

14 Original Declaration of Conformity

Original Declaration of Conformity

Manufacturer / authorized representative:

Company name: PETec GmbH
Street: Zum Osterfeld 6
City: 59872 Meschede
Country: Germany

Person authorized to compile the technical documentation:

Christian Plett, Managing Director
Street: Zum Osterfeld 6
City: 59872 Meschede
Country: Germany

Product:

Mechanically height-adjustable work table, type Advanced

We hereby declare that the machine described above complies with the relevant provisions of Directive 2006/42/EC and that the essential health and safety requirements of Annex I have been fulfilled.

Further applied directives and harmonized standards:

EMC Directive 2014/30/EU

- DIN EN 14121-1 – Safety of machinery – Risk assessment

EN ISO 12100 – Safety of machinery – General principles for design – Risk assessment and risk reduction

- DIN EN 619 – Continuous handling equipment and systems - Safety and EMC requirements for equipment for mechanical handling of unit loads

- EN 60204-1 – Safety of machinery – Electrical equipment of machines – Part 1: General requirements

Applied to the electric version of the height-adjustable heavy-duty table.

- EN ISO 13849-1 – Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design

Place, Date

Christian Plett /Geschäftsführer

Meschede 02.06.2026

First name, last name, function

