

Building Blocks For Life

fischertechnik **



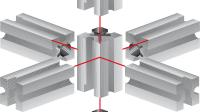
Understand technology by playing.

Entry into the four different product lines is possible at any time. All of this taken together forms a logical concept where one fits with the other.

Building block for building block. It doesn't matter how demanding the models become because you can always return to the components from other fischertechnik sets.

To help you with the construction and discovery of the fascinating fischertechnik world, there is a comprehensive and easy to under-

stand set of assembly instructions. For all of those who want to know more, there are the instructional activity booklets in the profi and computing construction sets with lots of background information, tasks and solutions or you can just browse through them.









The fun of playing starts at the age of five with fischertechnik. The red junior line provides the first experience with technology and the way it functions. The motto is learning by playing and building with fast success.







Seven-vear olds develop their knowledge and capabilities with the blue line. The models are not only realistic and understandable in their function, but really robust in construction and for playing.







The black line, which starts at nine years of age, offers the technicians of tomorrow design construction sets that are very close to reality. Subjects such as mechanics, statics, pneumatics, electrical technology or regenerative energies guarantee outstanding experiences in the world of technology.



COMPUTING





If you love your computer, give him fischertechnik. Using graphic software, which is easy to use, children starting at 8 years old can program and control fischertechnik models and robots from the computer. It doesn't take long to get the feeling of success.



PLUS

For optimal supplementation, page 11 Everything that makes fischertechnik still more attractive: fischertechnik PLUS provides light, movement, sound and more fun in playing.



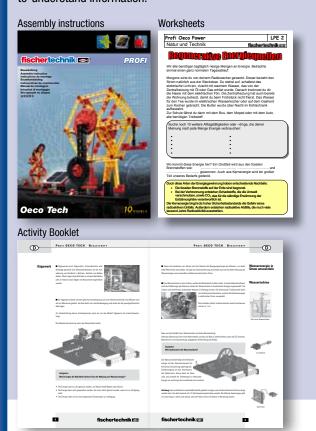




For fischertechnik, the one-time construction and collection of the models is not important, on the contrary, it is the repeated searching and discovery, the independent and creative development of the person's own ideas and imagination and the art of being able to turn these into reality.



How does a gear box work? What is a planetary gear? How is the movement of a windshield wiper produced? How do you design a stable bridge? These questions are answered in the instructional activity booklets in the PROFI and COMPUTING construction sets with illustrations and easyto-understand information.



Every fischertechnik building block has its place in the very practical and systematic storage system, which is available as a separate item. fischertechnik



The new products for 2011

NEW



Available as of March

Starter set for young engineers from age 5. The large, easy-to-hold parts and assembly instructions written specifically for young children ensure quick construction success. Design work with this set develops important skills such as eye-hand coordination as well as gross and fine motor skills. Six models can be built: Dump truck, helicopter, power shovel, van...



- 60 components
- 6 models

NEW



Available as of March

Lowboy with crane, airplane, tractor... many different models invite children to build and play. The large, easy-to-hold parts and assembly instructions written specifically for young children ensure quick construction success. Design work with this set develops important skills such as eye-hand coordination as well as gross and fine motor skills. A number of models can be built at the same time. For children from age 5



- 135 components
- 16 models

NEW



Available as of July

40 models, such as vehicles with steering, bulldozer with tracks, crane with cable winch, windmill with reduction gear, allow children a fascinating glimpse into the world of technology while playing. The construction site and fair grounds play worlds with a number of models which can be built simultaneously guarantee a great deal of fun building and playing. The large number of parts leaves maximum leeway for creativity. A MUST for all fischer-technicians For children from age 7



- incl. detailed, easy-to-understand assembly instructions
- 400 components
- 40 models



Available as of July

Fun with physics - Balls race on the unique flex-rails through various obstacle courses They accelerate, decelerate, cause chain reactions, shoot through the loop and run through obstacles such as teeter-totters and switches. An elevator powered by an XS motor conveys the balls to the top. The effects are based on various physical phenomena (acceleration, inertia of mass, centrifugal force, law of conservation of energy, principle of linear momentum, laws of motion). These are explained in the activity booklet and can be demonstrated clearly using various experimental setups. Shows how entertaining physics can be!



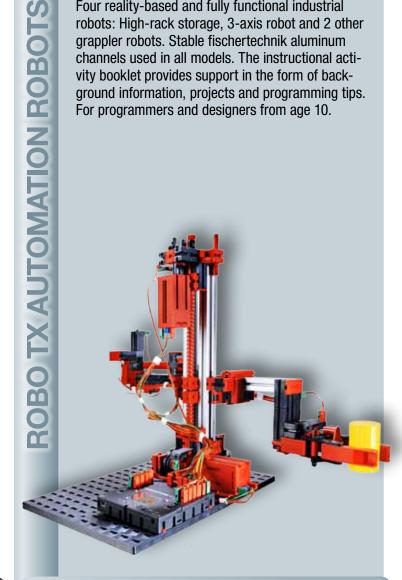
- Includes instructive activity booklet
- Includes XS motor and battery tray for 9V block (battery not included)
- 410 components
- 6 models

NEW

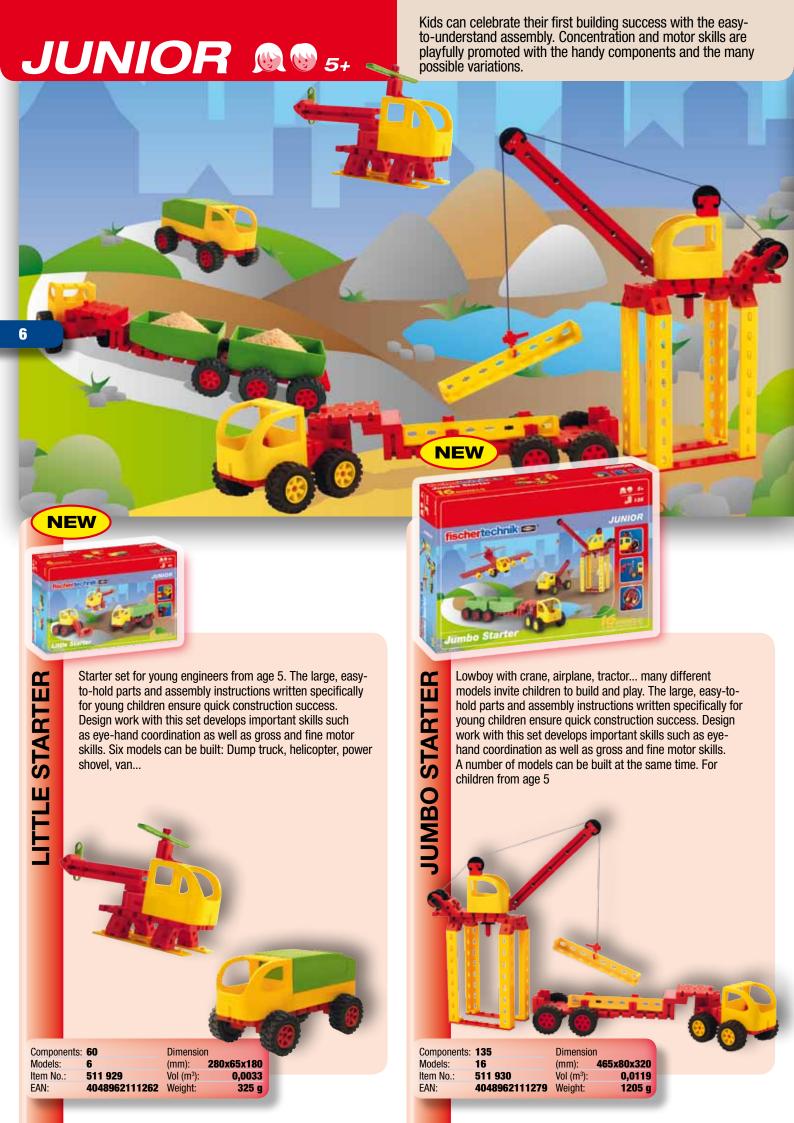


Available as of March

Four reality-based and fully functional industrial robots: High-rack storage, 3-axis robot and 2 other grappler robots. Stable fischertechnik aluminum channels used in all models. The instructional activity booklet provides support in the form of background information, projects and programming tips. For programmers and designers from age 10.



- Including instructional activity booklet on CD
- Incl. assembly instruction booklet
- incl. 2x »Encoder Motors«, 2x »XS Motors«, 6x Sensors
- 470 components
- 4 models



BASIC 9 7+

The "good value" BASIC construction sets provide a lot of enjoyment for building and playing. Cable car, helicopter or motorcycle: the broad diversity of the everyday technology is amazingly simple, but so realistic.



CARTS



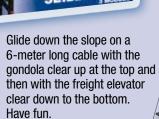
Components:	85	Dimension	
Models:	3	(mm):	225x65x150
Item No.:	505 279	Vol (m³):	0,0022
EAN:	4048962069402	Weight:	220 g

3IKES



Components:	80	Dimensio	n
Models:	3	(mm):	225x65x150
Item No.:	505 278	Vol (m³):	0,0022
EAN:	4048962069396	Weight:	210 g

CABLE CARS







Components	s: 100	Dimensio	n
Models:	3	(mm):	280x65x180
Item No.:	96 776	Vol (m³):	0,0033
EAN:	4006209967768	Weight:	295 g





_			
Components:	85	Dimension	n
Models:	3	(mm):	280x65x180
tem No.:	96 777	Vol (m³):	0,0033
EAN:	4006209967775	Weight:	295 g







40 models, such as vehicles with steering, bulldozer with tracks, crane with cable winch, windmill with reduction gear, allow children a fascinating glimpse into the world of technology while playing. The construction site and fair grounds play worlds with a number of models which can be built simultaneously guarantee a great deal of fun building and playing. The large number of parts leaves maximum leeway for creativity. A MUST for all fischer-technicians For children from age 7

• incl. detailed, easy-to-understand assembly instructions



Ideal additions (page 11):

Motor Set XS · Motor Set XM · Power Set

Components:	400	Dimensio	n
Models:	40	(mm):	465x80x320
Item No.:	511 931	Vol (m³):	0,0119
EAN:	4048962111286	Weight:	1800 g



Blocky tracked vehicles are cleaning up! This construction set offers four bulldozer types, which remain stable during play, with realistic details such as cable winch, dozer blade that can be raised and lowered and nonskid tracks.



Motor Set XS · Motor Set XM · Control Set · Sound+Lights · Accu Set

Components: 740		Dimension	
Models:	4	(mm):	465x80x320
Item No.:	505 280	Vol (m³):	0,0119
EAN:	4048962069419	Weight:	1490 g

Now you can get started. For the advanced in the fischertechnik group of technicians! The function is understandable with lots of details such as four-wheel steering and track chains that crawl over the terrain. Cranes that lift heavy loads. Merry-go-rounds that make

the figures fly and really robust in construction and for playing. With genuine functions and lots of attachment and expansion possibilities. Detailed assembly instructions lead to the finished models in logical steps.







Thanks to the compact measurements, this motor can be installed almost anyplace. In addition to the building blocks, gearbox parts and toothed gears, the set also contains a safety battery tray with integrated pole-reversing switch for nine volt block batteries (battery not included). Performance data: Voltage 9V ..., max. output 1.0 W at 6000 RPM

		Dimension	
Components:	45	(mm):	225x65x150
Item No.:	505 281	Vol (m³):	0,0022
EAN:	4048962069426	Weight:	200 g

SOUND+LIGHTS



If you want to breathe still more "life" into the fischertechnik models using sounds and lights then the "Sound+Lights Set" is the ideal solution! Up to three different sounds, which can be activated with push-buttons or automatically with digital inputs, can be placed on the sound module. Depending on the requirement, the sounds can be replaced very simply per USB. The blink connection, which is also included, allows the operation of up to eight indicator lights as blinking lights. The set contains a sound module with blink electronics, a USB cable, two indicator lights with various colored luminous caps and a battery tray for a nine volt block (battery not included). Only Windows®

Components:	30	Dimension	
System:	Windows®	(mm):	225x65x150
Item No.:	500 880	Vol (m³):	0,0022
EAN:	4048962003260	Weight:	270 g



Charger, which is controlled by a microcontroller and provides reliable protection against overcharging. Very short charging time, max. two hours, powerful NiMH rechargeable battery pack with fuse for protection against a short circuit, 8.4V, 1500mAh.

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Charger + battery Dimension	
Components: pack in one (mm): 225x65	x150
Item No.: 34 969 Vol (m³): 0,	0022
EAN: 4006209349694 Weight: 8	880 g

MOTOR SET XM



High performance geared motor in compact plastic casing with numerous possibilities for attachments. With many toothed gears, axles and gearbox parts.

- Performance data: Voltage 9V ..., max. output 3.0 W about 340 RPM
- Additionally required is **Accu Set or Power Set**

		Dimension	
Components:	40	(mm):	225x65x150
Item No.:	505 282	Vol (m³):	0,0022
EAN:	4048962069433	Weight:	275 g

CONTROL SET



The four channel infrared remote control allows you to control fischertechnik models from a distance as well. Up to three motors and one servo can be controlled proportionally. This means an infinitely variable turning angle of the steering wheel and infinitely variable speed control. Up to four receivers can be operated with the remote control, which allows numerous applications.

· Additionally required is Accu Set

Components:	Controller,	Dimension	
	receiver, servo	(mm):	225x65x150
Item No.:	500 881	Vol (m³):	0,0022
EAN:	4048962003277	Weight:	370

POWER SET



Power pack and infinite Power Controller. The power supply from the electrical socket for all fischertechnik models.

- Power Pack Performance Data: Voltage 9V .../2,5 A.
- Power Controller Performance Data: Regulated output 1A max., additional output with 9V .../1 A max. (not regulated), both outputs shortcircuit-proof with overload protection

Components:	Power unit +	Dimension	
	control unit in one	(mm):	225x65x150
Item No.:	505 283	Vol (m³):	0,0022
EAN:	4048962069440	Weight:	425 g

CREATIVE BOX 1000



More than 700 components from the current fischertechnik assortment. Packed in BOX 1000 with building board 390 x 270 mm as cover.

		Dimensio	Dimension	
Components:	720	(mm):	390x95x270	
Item No.:	91 082	Vol (m³):	0,0100	
EAN:	4006209910825	Weight:	2750 g	

BOX 1000



Practical storage box with eight sorting boxes and 32 sorting partitions. The cover also serves as the big building board 390 x 270 mm.

		טווווסווסוו	DIIIIGIISIUII	
		(mm):	390x95x270	
Item No.:	30 383	Vol (m³):	0,0100	
EAN:	4006209303832	Weight:	1830 g	

PROFI 🕲 🕲 9+













Dynamic

Fun with physics - Balls race on the unique flex-rails through various obstacle courses They accelerate, decelerate, cause chain reactions, shoot through the loop and run through obstacles such as teeter-totters and switches. An elevator powered by an XS motor conveys the balls to the top. The effects are based on various physical phenomena (acceleration, inertia of mass, centrifugal force, law of conservation of energy, principle of linear momentum, laws of motion). These are explained in the activity booklet and can be demonstrated clearly using various experimental set-ups. Shows how entertaining physics can be!







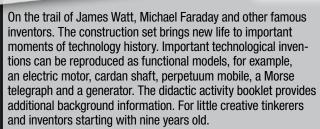
- Includes the didactic activity booklet.
- Includes XS motor and battery tray for nine volt block (battery not included).

Components: 410

Models: Item No.: 511 932 4048962111293 Weight: EAN:

Dimension

(mm): 465x80x320 Vol (m3): 0.0119 2100 g REVOLUTION





· Includes the didactic activity booklet.

Technical Revolutions

 Includes XS motor and battery tray for nine volt block (battery not included).

Components: 270 Dimension Models: (mm): 465x80x320 508 776 0,0119 Item No.: Vol (m3): 4048962095654 EAN: 1580 g Weight:

Jump into the car, put it in gear and get going. But how does the technology work that allows us to use a low gear to go, slowly, but easily up a mountain or to fly down the mountain in a high gear? How does a kitchen appliance or a planetary gear work? Why don't

bridges collapse and why does a wobbly table become stable with four cross struts.

These and other questions are answered in detail in the PROFI line.



This construction set combines several mechanical models, whose origin goes back to designs from Leonardo da Vinci: file cutting machine, pivoting bridge and chariot. An activity booklet with numerous illustrations and descriptions for the original designs from Leonardo da Vinci provides information, which is worth learning. History you can touch!



 Includes the didactic activity booklet "Machines from Leonardo da Vinci"

DA VINCI MACHIN

 Components:
 260
 Dimension

 Models:
 10
 (mm):
 465x80x320

 Item No.:
 500 882
 Vol (m³):
 0,0119

 EAN:
 4048962003284
 Weight:
 1540 g

How does a fuel cell work? How can you produce hydrogen with it? This construction set provides knowledge for all areas associated with this exciting topic. With the fuel cell and the additional solar module, interesting additional models can be built in connection with the construction set, "Oeco Tech". The didactic activity booklet offers assistance. All of your questions are answered.

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(NOTE: The OecoTech item No. 505 284 is absolutely required for operation.)



- Includes the didactic activity booklet, "Energy from Hydrogen"
- Includes reversible fuel cell with integrated hydrogen storage unit, solar module (1.2 V; 440 mA)

 Components:
 20
 Dimension

 Models:
 6
 (mm):
 225x65x150

 Item No.:
 505 285
 Vol (m³):
 0,0022

 EAN:
 4048962069464
 Weight:
 530 g

"Renewable energies" will become our most important suppliers of energy in the future. The production, storage and use of electricity from natural energy sources such as water, wind and the sun are graphically illustrated using various models and numerous experiments. This is the way to create an understanding of the future energy forms. The hydro cell kit offers an ideal addition. With this expansion construction set, you can build several models and operate them with a fuel cell.



- Includes the didactic activity booklet, "Renewable Energies"
- Includes solar motor, solar module (1.2 V; 440 mA) and Gold Cap energy storage unit.

 Components:
 320
 Dimension

 Models:
 10
 (mm):
 465x80x320

 Item No.:
 505 284
 Vol (m³):
 0,0119

 EAN:
 4048962069457
 Weight:
 1710 g



The ultimate technology construction set for all future mechanical engineers, technicians and engineers: How does a gear box work? What is a planetary gear? How is the movement of a windshield wiper produced? How do you design a stable bridge? The answers to these and other elementary questions from the subject areas of mechanics and statics are found in this construction set with 30 different



- . Includes the instructional activity booklet
- Includes Mini Motor, switch and battery tray for nine volt block (battery not included).

Components: 500 Dimension Models: Vol (m³): Item No. 4006209932919 Weight: EAN:

The PROFI Pneumatics II provides playful learning of the basics of this "airy" technology and shows, using numerous application examples, the way that pneumatic valves and cylinders work in connection with a compressor and an air cell. It contains four double-acting pneumatic cylinders, three 4/3 way hand valves and one electrically operated compressor with air cell.



- Includes the instructional activity booklet "Pneumatics: Create Movement with Compressed Air"
- Includes compressor with Mini Motor, switch and battery tray for nine volt block (battery not included).

Components: 400 Dimension Models: (mm): 465x80x320 Item No.: 0,0119 Vol (m3): 4006209777916 Weight: 1950 g EAN:

Electrical circuits, electromechanics and electronic controls. Using functional models, for example, the principle of series and parallel connections and the control of a traffic light are explained step by step. For this purpose, the "E-Tech Modul" (see above) with eight set programs that control, for example, a burglar alarm with a buzzer, a hand dryer with a light barrier or a garage door with a magnetic sensor and these devices are controlled through three inputs for digital sensors such as a

probe, phototransistor and reed contact and an output for a motor or two indicator lights.



Includes the instructional activity booklet

"Electrical Technology" • Includes Mini Motor, E-Tech Modul, sensor, lightbarrier, magnetic sensor and buzzer, battery tray for nine volt block (battery not included).

Components: 260 Dimension Models: (mm): 465x80x320 91 083 0,0119 Vol (m3): Item No.: 4006209910832 Weight: EAN: 1710 g

models.

"Mechanics+Statics"

(mm): 465x100x390 0.0181 2150 g

COMPUTING @ 8+110+

Weight:



COMPUTING \$\infty\$ 8+110+

Display 128x64 Pixel

Mini-USB

(USB 2.0, USB 1.1, 12 MBit)

Expansion connections I2C and RS 485

(For additional ROBO TX Controller)

included:





ROBO TX Controller



Encoder motor



Expansion connections I2C and RS 485

(For additional ROBO TX Controller)

4 Motor outputs

Many attachment possibilities

4 Fast counting inputs

32-bit ARM 9 Processor (200 MHz) Capacity: 8 MB RAM, 2 MB Flash Weight: only 90g

ROBO 1







The controller with 32-bit processor, display, high storage capacity and with compact casing (90x90x15mm) offers numerous attachment possibilities on five sides. With integrated Bluetooth radio interface (2.4 GHz, range about 10 m). Several "ROBO TX Controller" can be coupled together.

- 32-bit ARM 9 processor (200 MHz)
- Storage capacity: 8 MB RAM, 2 MB flash
- Weight only 90g

ROBO TX CONTROL

- 8 Universal inputs: Digital, analog 0-9V DC, analog $0-5k\Omega$
- · 4 fast counting inputs: Digital, frequency
- 4 motor outputs, 9V, 250mA: Speed infinitely variable, short circuit proof, alternatively 8 individual outputs
- . 2 expansion connections: I2C and RS 485 for coupling of additional "ROBOTX Controller"
- Display: 128x64 pixel, monochrome
- USB interface: USB 2.0 (1.1 compatible), max. 12 MB, including mini-USB socket connector
- · Programable with "ROBO Pro" or C compiler (not included)
- Includes USB connection cable.
- Additionally required is Power Set or Accu Set





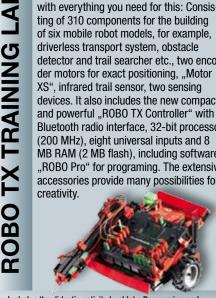
for exact positioning

oboCup

8 Universal inputs



COMPUTING beginner construction set with everything you need for this: Consisting of 310 components for the building of six mobile robot models, for example, detector and trail searcher etc., two encoder motors for exact positioning, "Motor devices. It also includes the new compact and powerful "ROBO TX Controller" with Bluetooth radio interface, 32-bit processor (200 MHz), eight universal inputs and 8 MB RAM (2 MB flash), including software "ROBO Pro" for programing. The extensive accessories provide many possibilities for



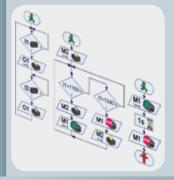
Components: 310 Models: 505 286 Item No.:

EAN:

(mm): 465x80x320 Vol (m³): 0,0119 4048962069471 1960 g Weight:

Simple entry for beginners through programing of flow charts consisting of various software building blocks. The exchange of the data between the software building blocks and the subprograms can be done through variables and graphical con-nections as well. This allows the program functions to be shown in an understandable manner.

There are no problems with the preparation of teach-in programs or data exchange with other Windows® software.



System: Windows® XP, Vista, 7 93 296 Item No.: 4006209932964 EAN:

Dimension (mm): 210x25x150 0,0008 Vol (m3): , 105 g Weight:

Dimension (mm):

500 995 4048962003826

225x65x150 Vol (m3): 0.0022 460 g Weight:

driverless transport system, obstacle XS", infrared trail sensor, two sensing creativity.

Includes the didactic activity booklet, "Programing and Control of fischertechnik Robots with the PC."
 Includes ROBO TX Controller, software ROBO Pro
 Includes 2 each encoder motors, Motor XS, infrared trail sensor, 2 each sensing devices
 Additionally required is Accu Set

Dimension

Item No.:

EAN:

Construct machines and robot models, program the control software on the PC and put the whole thing into motion. You need a commercially available PC with the Windows® operating system, (starting with Win XP or later), the easy-to-use graphic fischertechnik software "ROBO Pro" to program the commands that the robot is to carry out and in addition the "ROBO TX controller." This converts the computer commands into control signals for the motors.



Explore unknown areas, measure distances, follow trails, show driving directions by means of blinking signals, recognize colors, measure temperatures, avoid obstacles without touching them, recognize day and night, turn headlights on and off automatically and trigger an alarm etc.

The ROBO TX Explorer sensors can do all of this and lots more: The NTC resistor, the photoresistor, the ultrasonic distance sensor, the infrared color sensor and the specially developed trail sensor. Thanks to two encoder motors, the tracks can be controlled precisely and steered synchronically. With the rescue robot, which is contained as a model, the construction set provides the ideal basis for participation in the RoboCup.

· Includes the didactic activity booklet.

ROBO TX EXPLORER

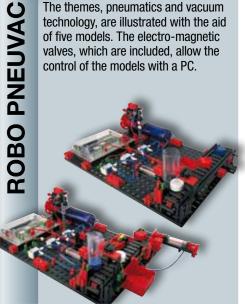
- Includes two encoder motors, three indicator lights, buzzer, NTC resistor, photoresistor, ultrasonic distance sensor,
- optical color sensor and an IR trail sensor.

 Additionally required is ROBO TX Controller,
 Software ROBO Pro, Accu Set

Components: 400 Dimension

Models: (mm): 465x80x320 508 778 Vol (m³): Item No.: 0.0119 4048962095678 1570 g EAN: Weight:

The themes, pneumatics and vacuum technology, are illustrated with the aid of five models. The electro-magnetic valves, which are included, allow the control of the models with a PC.



- Includes vacuum suction apparatus, three pneumatic cylinders, compressor, two lights, two phototransistors, optical color sensor, conveyor belt and 2x Mini Motor Additionally required is ROBO TX Controller, Software ROBO Pro, Accu Set or Power Set

Components: 490 Dimension Models: (mm): 465x80x320 500 883 Item No.: Vol (m3):

Weight:

4048962003291

EAN:

0,0119 2150 g

Four reality-based and fully functional industrial robots: High-rack storage, 3-axis robot and 2 other grappler robots. Stable fischertechnik aluminum channels used in all models. The instructional activity booklet provides support in the form of background information, projects and programming tips. For programmers and designers from age 10.



Including instructional activity booklet on CD
Incl. assembly instruction booklet
Incl. 2x »Encoder Motors«, 2x »XS Motors«, 6x Sensors
Additionally required is ROBO TX Controller,
Software ROBO Pro, Accu Set or Power Set

Components: 470 Dimension Models: (mm): 465x80x320 0,0119 511 933 Vol (m3): Item No.: 4048962111309 1800 g EAN: Weight:

- **2** Shopping bag, 46x59 cm item No. 43 355
- **3 Poster "ADVANCED", DIN A1** item No. 39 125
- Poster "COMPUTING", DIN A1 item No. 39 126
- **5 Top sign, 125x30 cm** item No. 39 917 **100x30 cm** item No. 47 227
- (upon request)
- **Play box** item No. 41 682
- **13 Luminous logo, 125x20 cm** item No. 50 460
- **Decoration cube, 25x25x25 cm** item No. 142 202
- **1** Banner, 200x80 cm item No. 500 887
- Decorative model windmill with light and solar module, 26x20x52 item No. 503 546
- **2** Shelf strips, 125x3.5 cm item No. 39 911



fischer (echnik)

The play box allows the little designers to experience the fischertechnik world in a realistic and gripping way. With the many components and instructions, the play box provides optimal support for your events. The nice thing about it is that you can use it again and again.



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Show window decoration package (On request):







- ... promote eye and hand coordination;
- ... promote gross and fine motor functions;
- ... promote the spatial powers of imagination;
- ... promote fantasy and creativity;
- ... promote logical thought; and
- ... provide basic technical understanding.

The products from fischertechnik are learning toys "made in Germany" and are produced at the location in Salzstetten in the Black Forest. All construction sets can be ideally combined with one another. The high acceptance by parents, teachers and engineers makes fischertechnik a successful educational material for schools and universities.

The Awards













FAN CLUB

More than 30,000 fans are members at no cost in the fischertechnik Fan Club. Every fan regularly receives current information and has his personal member identification. In this way, we guarantee that the important information such as information about new items reaches our target group quickly.

On Fan Club Day, fischertechnik opens its gates to the Fan Club members. The fans receive the exclusive opportunity to take a peek behind the curtains of the traditional brand. This creates trust in the quality of the products. The little visitors receive information about new products and can participate in COMPUTING workshops. Join-in activities and prize games are particularly interesting for the kids. Customer relations at the highest level!









In the model gallery, fans publish pictures of their models. Other fans vote on these model suggestions and select the winner for the quarter. So others catch the fischertechnik fever this way!











The NEWS appears two times a year and offers the readers a lot of current information about the products, new items and technology. For the little fans, there is a puzzle page and in each edition the Fan Club model with assembly instructions. These assembly instructions are only found in the NEWS. This allows our customers to always be up-to-date!

"We would be happy to develop an opportunity especially for you as a dealer to present yourself in this environment. Just get in touch with us!"







fischertechnik for teaching

How does a gear box work? What is a planetary gear? How is the movement of a windshield wiper produced? These are questions, which our instructional activity booklets illustrate and are explained in a way that is easy to understand. This starts with elementary subjects such as mechanics, statics, electronics and information science etc. and progresses to the practical implementation, which can be understood quickly, of everyday technical devices such as traffic lights, fans and a lifting tackle and then moves on to the technically refined and demanding solutions for robotics and computing.

Additional worksheets can be downloaded from the fischertechnik Web site and with the thematically developed questions and answers, these are an additional instrument to provide under-

standing of the corresponding instruction in a simple and precise manner and to test the learning success.

In addition, there is the very practical and systematically constructed storage system where each part has its place and is quickly found and helps with the daily didactic work (available separately).

22

Well-thought-out storage

The instructional construction sets from fischertechnik are specially designed for use in technical instruction and in technical facilities for the basic and secondary level. Here, there are the following topics: Mechanics, statics, electrical technology, regenerative energies and measuring, controlling and regulating (information science, mechatronics and computing). This is supported by books, instructional activity booklets and worksheets. For this purpose, there are intelligent storage systems that provide order and reliability for the everyday things at school.

Additional information is available at: www.fischertechnik.de



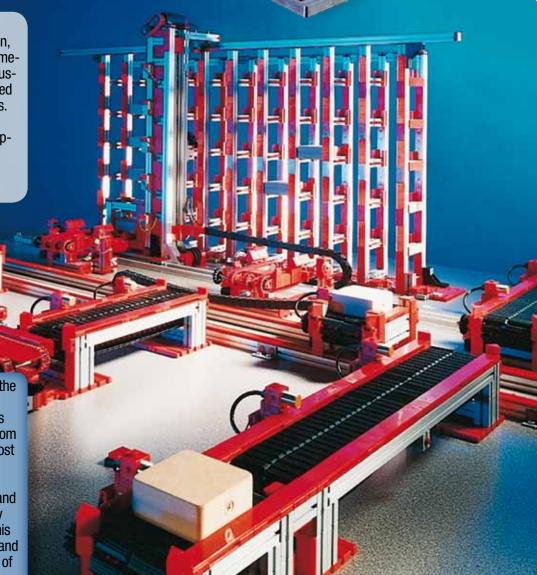




For training and in-service training

The function models from fischertechnik, plan+simulation, are a proven and inexpensive means to plan and to develop industrial controls with the associated software and to test processes. They are employed worldwide in the areas of training, development and presentation.

The flexibility and the modularity of the fischertechnik system in connection with the industrially adapted sensors and actors as well as the controls from leading manufacturers open up almost unlimited possibilities for hardware simulation. Complicated technical systems are presented realistically and thus perfectly simulated so that they are understandable for everyone. This makes investment decisions easier and reduces the costs for the correction of planning mistakes.





WHAT DO YOU GET FROM THIS AS A TOY DEALER?

A uniform system with design construction sets at the highest level and the best quality as well the strong fischertechnik brand as a reference for your pedagogical and valuable range of toy products. Over 30,000 fan club members, optimal support and a well-founded assortment system and diverse additional products serve to promote your sales throughout the year.

WHAT DO CHILDREN GET FROM THIS?

Only the best and they can play and play and play. Creative and concentrated when building models and then fun with role playing with each other.

WHAT DO PARENTS GET FROM THIS?

The certainty that their child can playfully enter the world of technology and understand and learn about it. The independent construction of continually new fischertechnik models promotes logical thinking and creativity. Thus, you are supporting the natural talent of your children to grasp technology in the truest sense of the word. The fischertechnik world of your children is boundless because all construction sets fit ideally together and supplement each other.

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