



MOULD KING 13181 ELECTRIC PEN PLOTTER BUILDING SET | 3,088 PCS



link to the product:

<https://www.batna24.com/gb/p/architecture-and-railway/mould-king-13181-electric-pen-plotter-building-set-3088-pcs>

Price: **699.00 zł** gross / 568.29 zł net



Manufacturer: MOULD KING

Referention number: DNKGKKJOERMMIH

Information:

MOULD KING 13181 Electric Pen Plotter is an advanced electric brick-built plotter consisting of 3088 elements. Once assembled, it forms a large, impressive structure measuring 51,3 x 45,5 x 19,2 cm, which not only looks great but also works like a real drawing machine. Thanks to three motors and a power module, the mechanism moves the head over the paper and raises and lowers the pen, making it possible to create lettering, patterns and simple graphics. Control is via the MOULD KING app on a smartphone, combining building, learning the basics of programming and creative play. The set is intended for people aged 14 and over and fans of technical models, mechanics and robotics.

Full product description

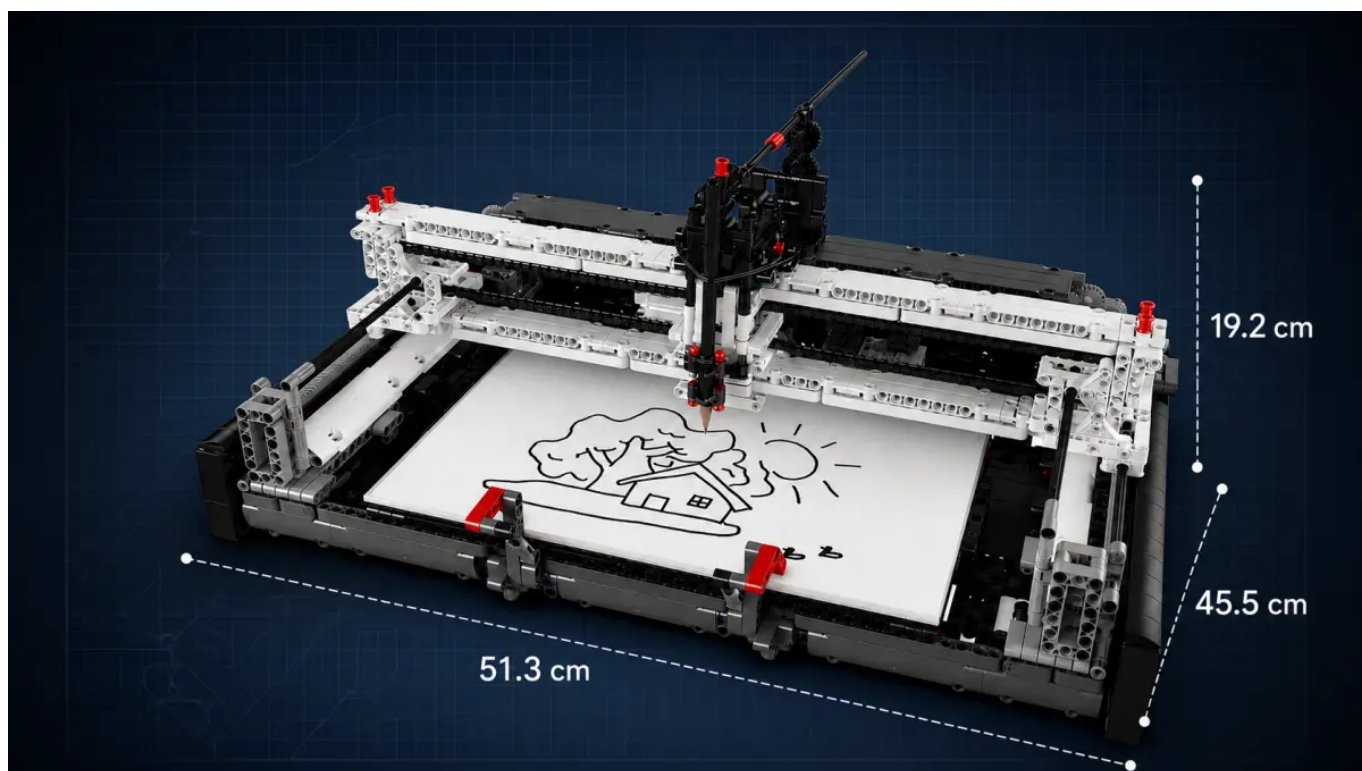
Build a working plotter from bricks

MOULD KING 13181 Electric Pen Plotter is an advanced construction set that lets you build an electric machine for drawing on paper. The model consists of 3,088 pieces and combines the experience of building with watching the gears, guides and moving writing mechanism in action. Once assembled, the finished construction can produce programmed drawings, lettering and patterns, so it remains functional even after assembly is complete.



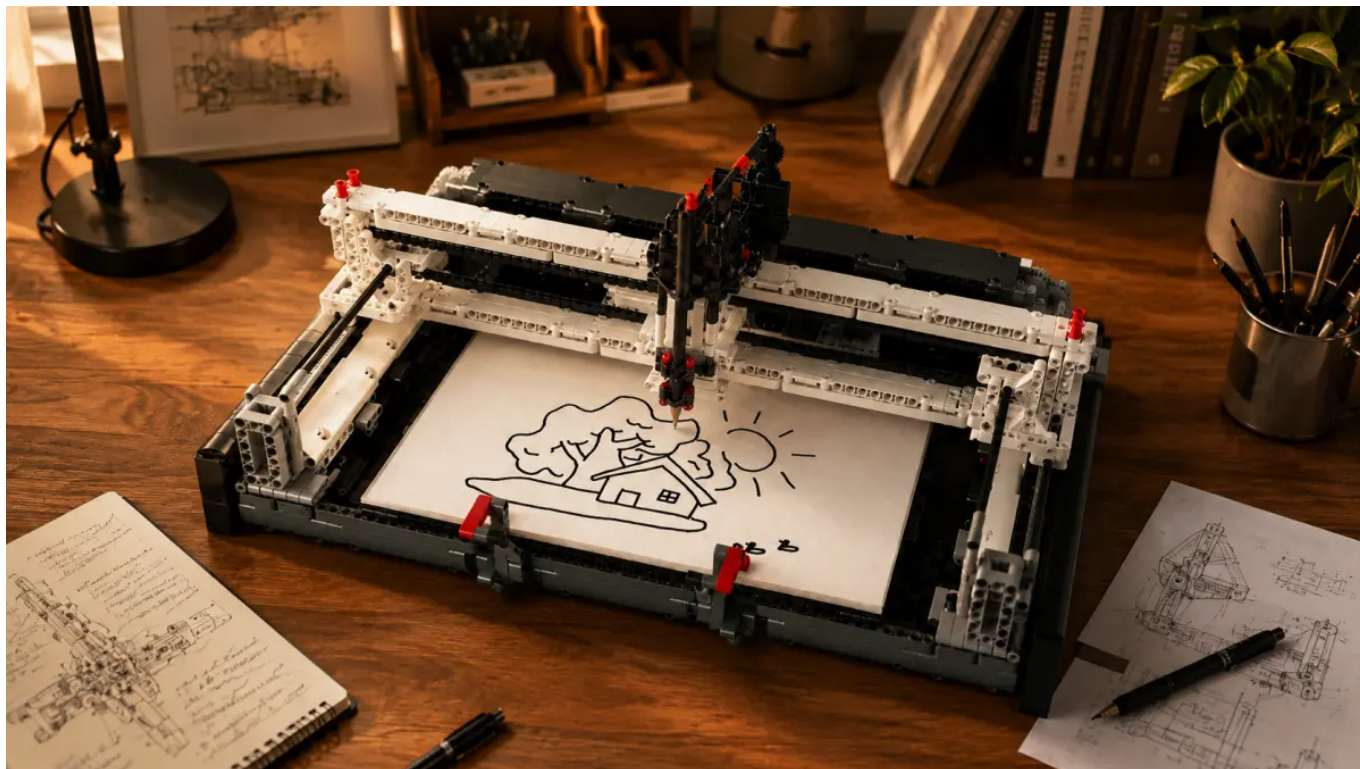
Large construction with confirmed dimensions

Once assembled, the plotter measures 51.3 cm in width, 45.5 cm in depth and 19.2 cm in height. The wide base creates a working space for a sheet of paper, while the extended frame supports the moving beam and the writing instrument holder. The model, which is over half a metre long, looks great on a desk, workbench or shelf intended for technical builds.



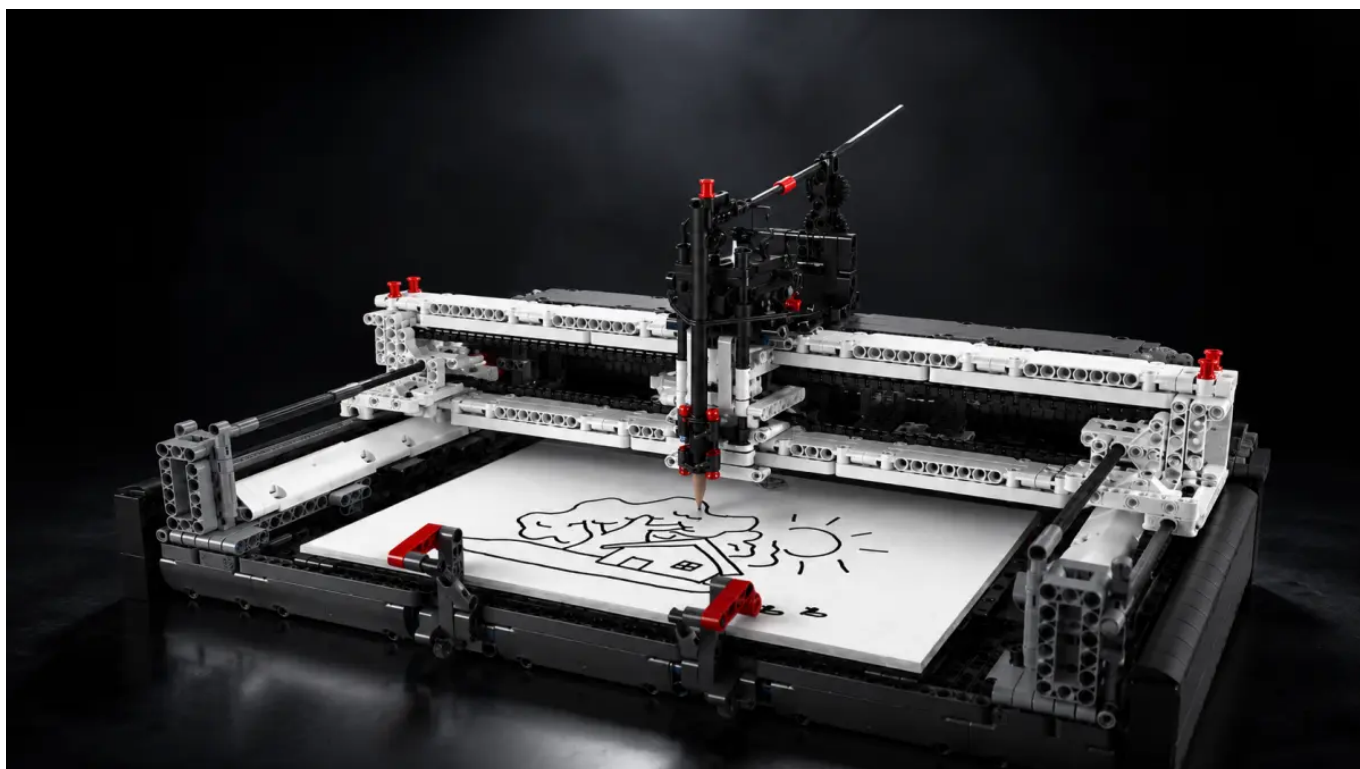
3,088 pieces and a satisfying building process

The set consists of 3,088 bricks forming the frame, guides, gears, drive mechanism and drawing head. The multi-stage assembly helps you understand how the individual subsystems work together and lets you observe how static parts gradually turn into a working machine. The included instructions guide the user through each stage of assembly.



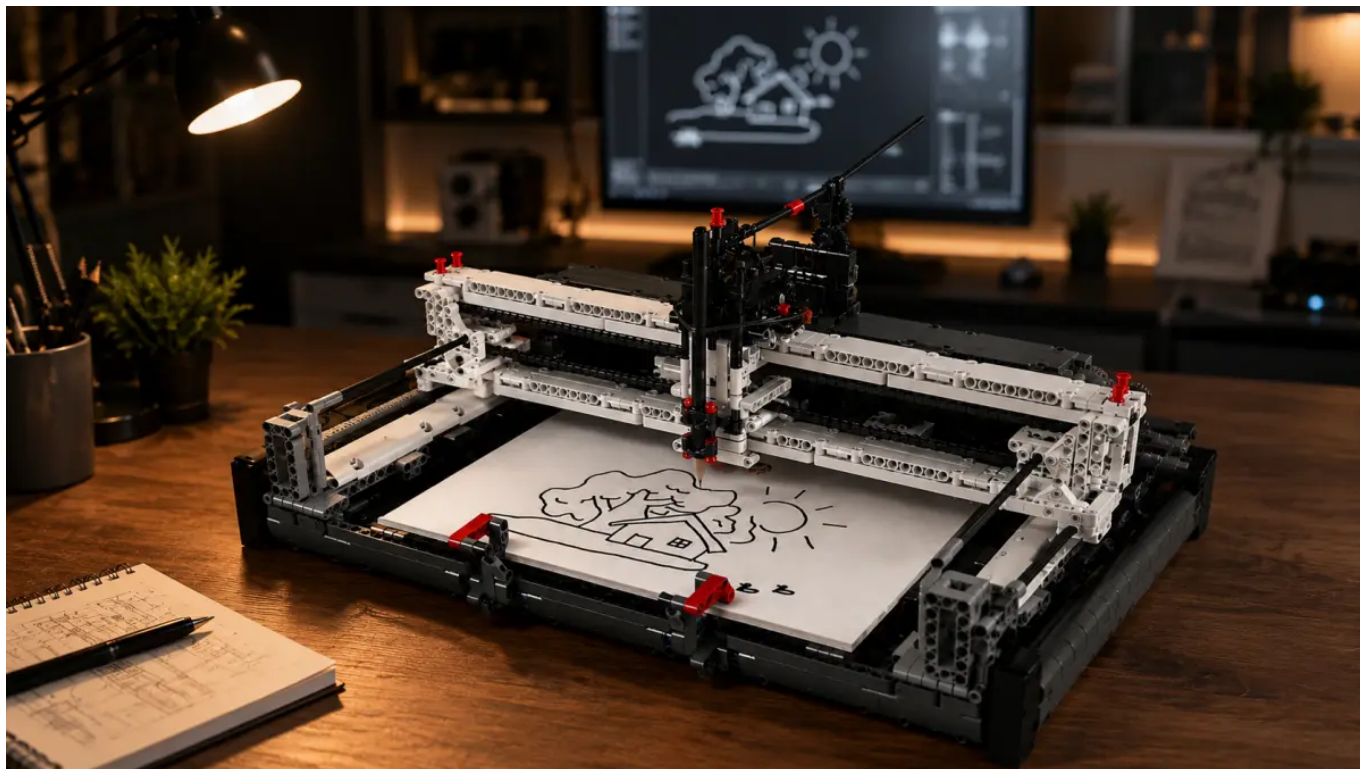
Drive based on three motors

The movement of the mechanism is powered by three Xh motors working with the MKH4.0 power module. The system controls the movement of the head over the paper and the raising and lowering of the writing instrument. The visible gears, beams and guiding elements make it possible to observe how the drive is transferred between the individual parts of the construction while it is operating.



Control and programming via an app

The plotter can be operated using the MOULD KING app on a smartphone. The user can prepare a drawing task and start the automatic movement of the mechanism according to the entered programme. This solution combines model building, the basics of programming and creative play, offering the possibility of producing various graphics on paper.



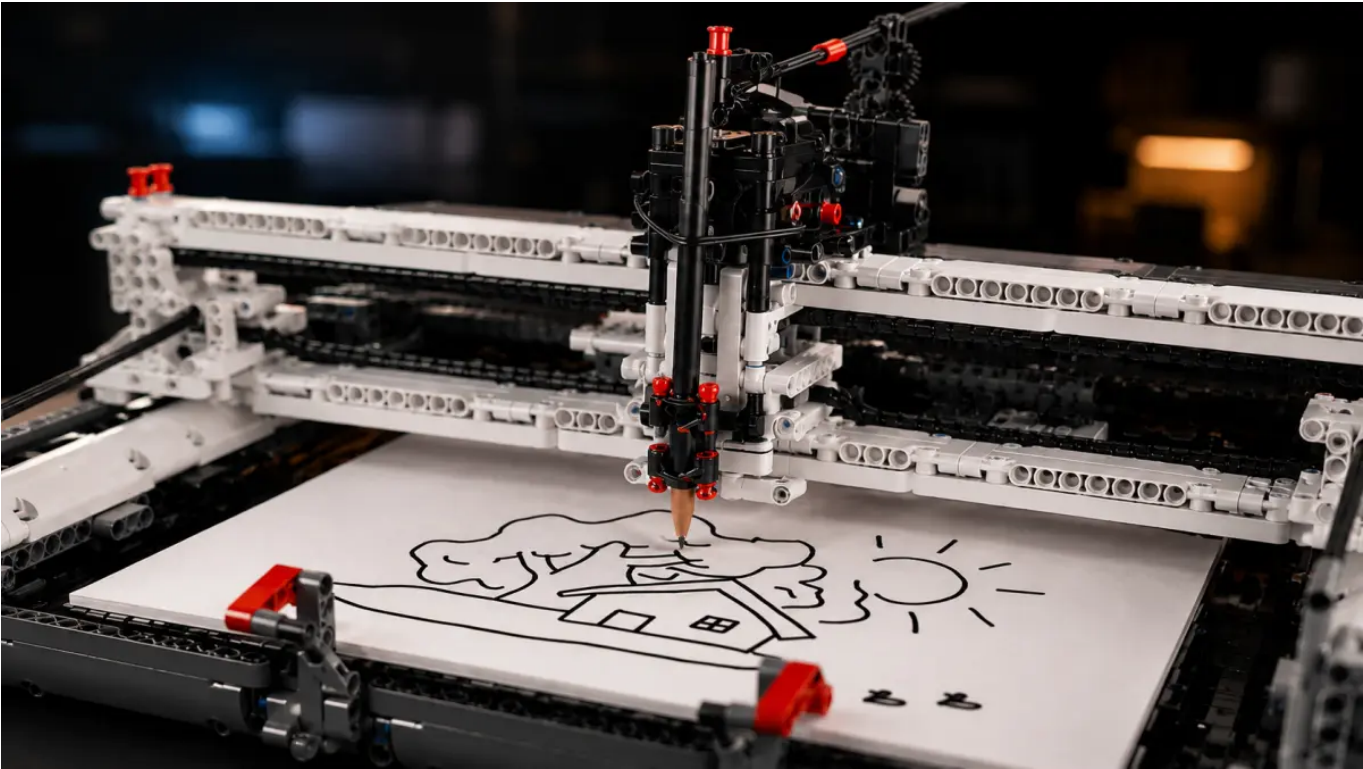
A technical set for users aged 14 and over

MOULD KING 13181 is intended for people aged 14 and above, as well as adult fans of advanced brick constructions. The large number of parts, electric drive and app-based control make the set appealing to fans of mechanics, robotics, design and models that demonstrate how real devices work.



Moving head and the option to use different pens

The central element of the model is the moving head with a holder for the writing instrument. The construction supports various types of pens, markers and pencils that fit the mount. The mechanism guides the tip across the paper surface, allowing outlines, lettering and simple illustrations to be created according to the programmed movement.



Specification

Parameter	Details
Manufacturer	MOULD KING
Model	13181 Electric Pen Plotter
EAN code	6972316261816
Number of pieces	3088
Assembled dimensions	51.3 × 45.5 × 19.2 cm — width × depth × height
Recommended age	14+
Set type	Electric brick-built plotting model
Main function	Automatic drawing and writing on paper
Control	MOULD KING smartphone app
Programming	Programming movements and drawing tasks in the app
Drive	3 Xh motors
Power module	MKH4.0
Supported writing instruments	Various types of pens, markers and pencils suitable for the holder
Material of the parts	ABS plastic
Assembly instructions	Included in the set