

fischer[®]technik

A guaranty
for happy childhood-teen-age-
and hobby-years
the thinker toy

fischertechnik - the system that is never outgrown!

fischertechnik construction kits embrace a wide age range. For children from 4 years old there are the new pre-school sets, followed by the basic and extension kits from the play programme for ages 6-14; and, finally, there is the adult hobby programme for the more advanced enthusiasts. The fischertechnik kits are a complete system. All parts from the sets originally purchased can be used with other sets and never lose their value. fischertechnik is a system one never outgrows. This is an important consideration for parent as they decide what is best to buy.

The unique construction possibilities within the whole programme are presented in the fischertechnik brochure which you can obtain from your toy or department store. The following examples illustrate the advantages of this ideal programme, and its unique system, which is never outgrown - only extended.

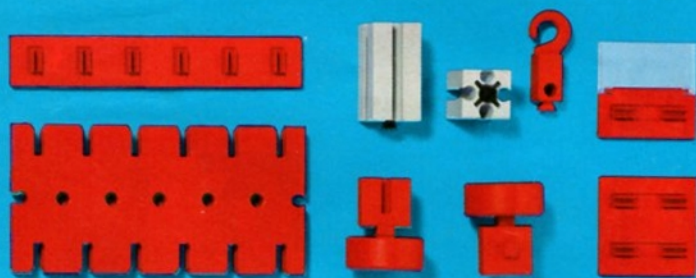


play learn hobby

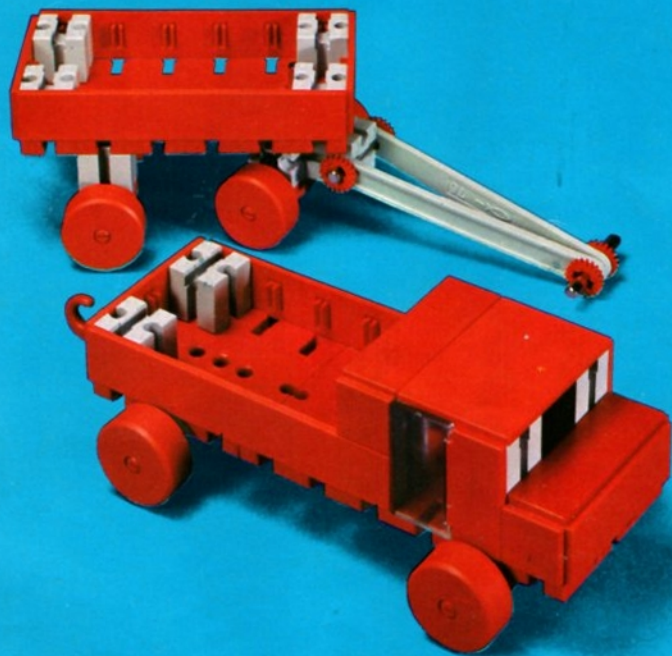
fischertechnik for a generation of young and not-so-young enthusiasts

Marc is 4 years old

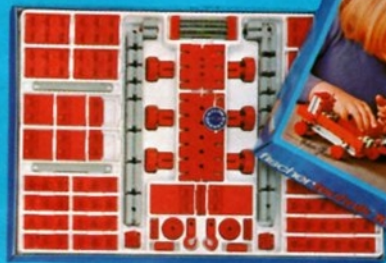
He wants to know how everything works and while playing tries to copy examples from the world around him. Here the new building parts in the fischertechnik preschool sets help small hands with little strength. Easily, Marc soon builds his first little car.



Models made from the preschool sets.

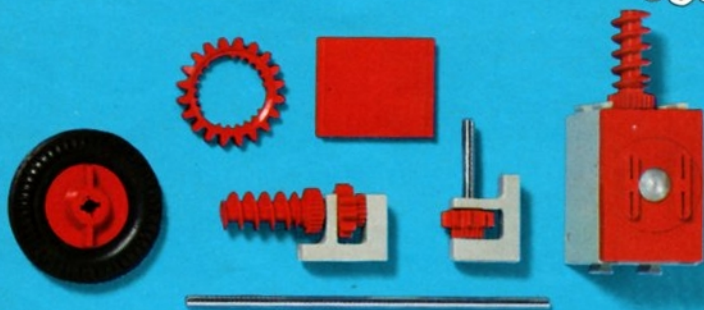


Preschool sets for children from age 4 come in sizes 25-V, 50-V, and 100-V.



Marc becomes 6 years old

He is now more skillful and has learned to think logically. Now he can further develop the simple models built with the preschool sets, with the parts from the basic sets. Marc can also drive his car electrically with the help of the motor and gear kits!

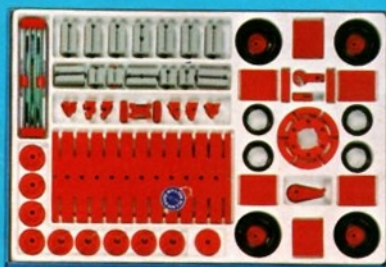


Models made from the basic sets, motor and gear packs.



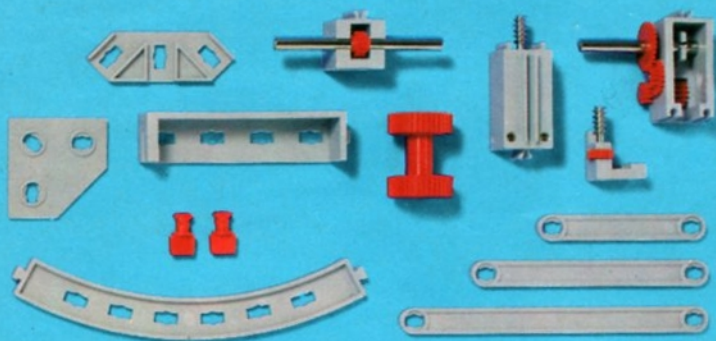
Extension kits:
mot. 1 –
to motorize sets
100, 200, and 400
mot. 2 – gear kit for use
with mot. 1

The basic sets are:
50, 100, 200, 300, and 400
(300 set is motorized)



Marc becomes 8 years old

He is now at the stage where he knows how to simplify the technology he sees in everyday life. Bridges overcome obstacles, cranes lift heavy loads. Marc, for example, makes his car travel over a bridge which he has built himself with the help of the structural statics sets.



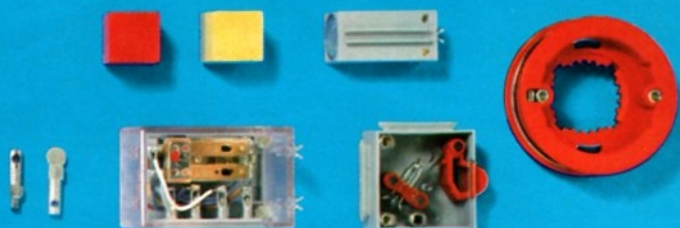
Models made with the structural statics sets.

The extension statics sets are:
50-S, 100-S, 200-S, 300-S,
400-S

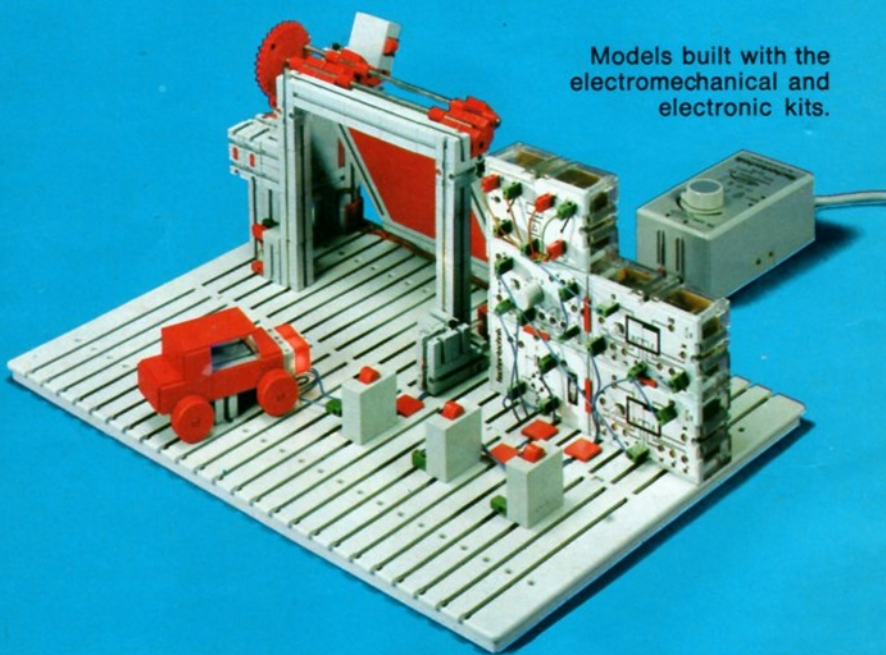


Marc becomes 10 years old

Like most children his age, Marc now plays more intensely; he wants to achieve his self-imposed goal and to know exactly how everything works. He uses the electromechanic and electronic kits in conjunction with the kits he already has to better understand the way things work. He is now able to build his own light regulated garage door which opens and closes automatically, just like the real thing.



Models built with the electromechanical and electronic kits.



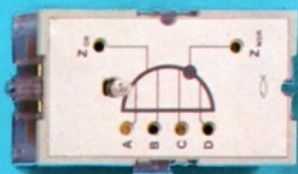
Extension kit — E-6 electronics



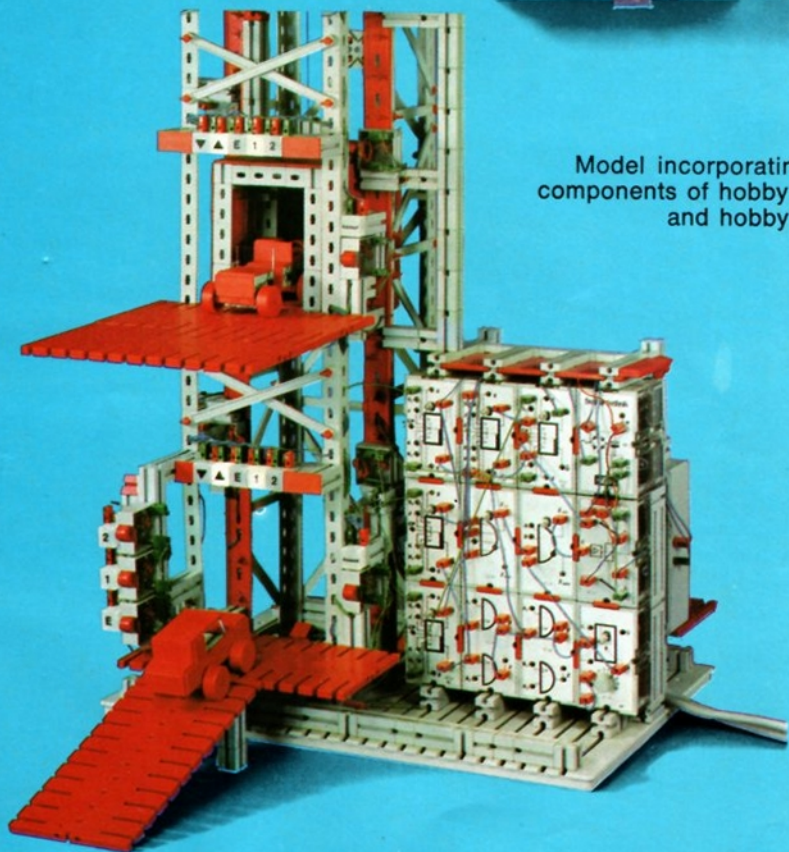
Extension kit — E-M electromechanics

Marc becomes 14 years old

School and home, play and work become increasingly influential to Marc's future education. Marc belongs to the more advanced, for whom the fischer-technik hobby programme with its numerous technical experiments and instruction books have been developed. Now, for example, he can develop and construct a pre-programmed car elevator for a garage — like a real engineer. He can do this together with his father, and they can still use all the other parts purchased in previous kits.



Model incorporating components of hobby 3 and hobby 4



The complete hobby programme for those who start with fischertechnik at this level consists of:

- hobby 1 — basic kit; hobby 2 — motor and gearing;
- hobby S — structural statics; hobby 3 — electromechanics
- hobby 4 — electronics



