

CHAD  
VALLEY

GIRDER &amp; PANEL

HYDRO-DYNAMIC  
BUILDING SETwith **MOTORIZED PUMP****BUILD and OPERATE** Industrial Plants  
with Powered **HYDRAULIC ACTION****PIPE IT... PUMP IT...** PUMPS COLORFUL LIQUID  
through **TRANSPARENT PIPES** and **TANKS**SEE THE FLOW AND  
CONTROL THE ACTION!EXCITING  
HYDRO-MECHANICAL EFFECTSIT'S FUN!  
IT'S EASY!**TILTING SCALE**  
Measures liquid,  
dumps into  
tank below**TRANSPARENT  
TANKS AND PIPES**  
Store liquid and show  
colorful flow**CONTROL  
VALVES**  
Shut off, slow down  
switch flow  
of liquid**LIQUID CHANGES  
COLOR AS IT  
CIRCULATES****ENCLOSED  
AERATOR SPRAY**  
Sprays like  
a fountain**TURBINE  
VELOCITY METER**  
Paddle wheel spins**FLOAT VALVE**  
Float rises, opens  
valve, empties tank**BALL  
FLOW METER**  
Ball rises and falls  
to indicate  
pressure**AUTOMATIC  
SIPHON**  
Fills, empties quickly,  
over and over**BATTERY-POWERED  
PUMP and MOTOR UNIT**  
in **PLASTIC TRAY BASE**

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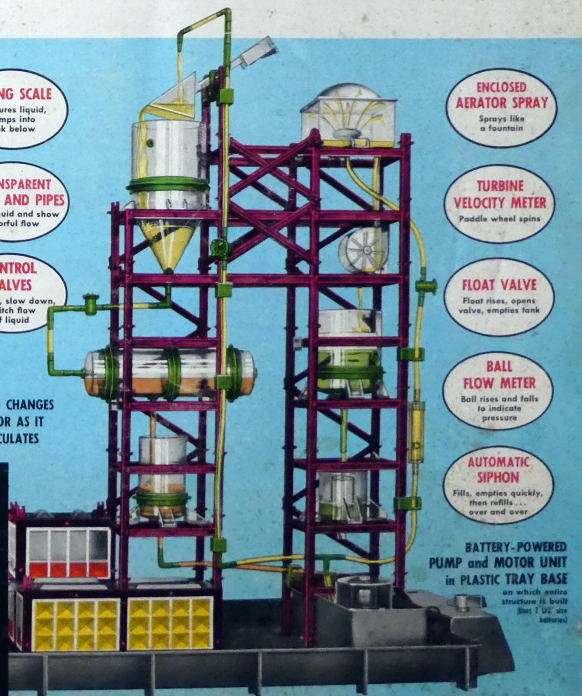
Design, Build and Operate Wide Variety  
of Structures with **HYDRAULIC** features:

- OIL AND GASOLINE REFINERIES
- ATOMIC ENERGY LABORATORIES
- CHEMICAL MANUFACTURING PLANTS
- WATER PURIFICATION INSTALLATIONS
- RECIRCULATING PUMPING SYSTEMS ... and  
many more original and different industrial structures

**Set No. 11**Easy-to-Use **PARTS** that **SNAP TOGETHER**

- |                          |                                   |
|--------------------------|-----------------------------------|
| 192 Polyethylene Girders | 1 Tilting Scale                   |
| 42 Cross and Tie Braces  | 1 Turbine Velocity Meter          |
| 29 Wall and Roof Panels  | 6 Polyethylene Control Valves     |
| 8 Roadways and Ramps     | 42 Piece-lengths of Vinyl Pipe    |
| 2 Masonite Footings      | 1 Three-foot length of Vinyl Pipe |
| 11 Large-Tank Parts      | 44 Polyethylene Pipe Joints,      |
| 12 Small-Tank Parts      | Pipe Mangers and Plugs            |
| 1 Square Tank            | 20 Assorted Color Tablets         |
| 1 Square Tank Cover      |                                   |
| 1 Automatic Siphon       | Assorted Signs                    |
| 1 Aerator Spray          | 1 Plastic Tray Base with Pump and |
| 1 Float Valve            | Motor Unit and Reservoir          |
| 1 Ball Flow Meter        | <b>ILLUSTRATED PLANNING BOOK</b>  |

Girders, Pipes, Joints and Control Valves are made of unbreakable Polyethylene or Vinyl plastic. Other parts are sturdy, high-strength plastic. All parts interlock, without tools, to form rigid structures. Can be carried anywhere.



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Patented Products

MADE IN ENGLAND