Mechanism

The Platypus puzzle can be rotated around any of 8 vertices in multiples of 120 degrees. This makes it hard enough to be a challenge, but still easy enough to master without help in a few days. It has precision injection molded parts. A spring-loaded thin ball-bearing mechanism makes operation easy and precise.

Just in case you do need a little help in playing with this unique puzzle, some hints are provided under the solution link on our website www.mefferts.com

Below is an interesting 8 turn move how to bring all 3 matching sites around each corner and have all 4 different suits on each face and the corner tops.

Starting from the solved position move each corner clockwise 1 turn each, then the centers anticlockwise 1 turn each. To brings the pieces back to the starting position, turn the centers clockwise 1 turn each, and then the corners anticlockwise 1 turn each.

Solution hint for 1st level

The diagrams above show sequence of three moves on the puzzles.

- The first move takes down a piece from the top and moves it to the front.
- The second move replaces that piece by another.
- The last move moves that replacement piece back to the top.

The result is shown in fig.1 above.
Solution hint for 1\textsuperscript{st} level

Solution hint for 2\textsuperscript{nd} level
Solution hint for 3rd level 10 steps.

Rotate the Centre only to line up the Colour Bars.