

## Bales of Hay

### Description

During the winter season when grazing is scarce for cows, farmers must feed them hay. Hay is baled into large cylinders during the spring and stored in the barn for the winter. Moving the bales to the fields can be a very difficult job due to their size. Your job is to design a robot that will move the bales of hay from the barn to the field so that the cows can eat. The bales cannot leave the field because they would be out of reach for the cows.

### Rules

1. Robots must fit inside of the barn.
2. Only parts from the LEGO MINDSTORMS kit may be used.
3. The bales of hay can be represented by pop cans.
4. The contest ends after 120 seconds.
5. Only the bales that are completely outside of the circle and in the field will be counted as points.
6. A robot that leaves the ring for more than 20 seconds is disqualified.
7. Robots may only leave the ring to turn around.
8. Bales that leave the field will not be counted for points.

