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TEAM 1640 "SAB-BOT-AGE"
Breakaway 2010
Design Highlights



McKown Family



**Semifinalist & Xerox
Creativity Award Winner
at the Philly Regional**

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TEAM 1640 "SAB-BOT-AGE"

Breakaway 2010 Design Highlights

Drivetrain

Features

Fully Independent Pivot Drive
Continuous-Turn Wheels
Top Speed of 9.8ft/s
Easily Goes Over Bumps
Snake, Crab & Aim Modes

Benefits

Maneuverable
Stable
Fast
Intuitive

Chassis

Features

Very Low CG
Polycarbonate Top Cover
Low Profile
Herds with Any Side
Wide Base

Benefits

Doesn't Tip
Won't Carry Balls
Fits Through Tunnel
Herd/Score up to 3 Balls
Low Tilt Angle on Bump

Serviceability

Features

Quick-Switch Pivot Modules
Adjustable Kicker
Easy-Access Electronics
Blue & Red Bumpers
Wing-Nut Bumper Attachment

Benefits

Durable
Fast
Convenient
Simple

Kicker

Features

Adjustable Lift/Range
Kicks on-the-Move
Aims & Re-Arms Quickly
Clears Bump at Any Distance

Benefits

Kicks Full Court
Scores from All Zones
Stays within Frame

Autonomous Modes

Features

Scores in 1st & 2nd (Some 3rd)
Won't Cross Center Line

Benefits

Highly Adaptable

Semifinalist & Xerox Creativity Award Winner at the Philadelphia Regional

