

# Mintlaw Academy Young Engineers

## Aberdeenshire, Scotland

Travelling 4,569 Miles to the International Finals,

Houston , Texas



Mintlaw Academy is returning to the Mate Word Finals for the 3<sup>rd</sup> Time in 4 years, All six team members are competing for the first time and range from year 10 to 12.

Joanne McDonald - Age 15 - CEO - Time - 152 Hrs

Erin kindness - Age 15 Marketing / Finance- Time - 164 Hrs

Stef Buchan - Age 15 Tether & tooling - Time 115 Hrs

Ben Mellin - Age 17 Pilot / Electrical - Time 140 Hrs

Roddy Robertson - Age 16 Co Pilot - Time 120 Hrs

Robert MacNeil - Age 16 Electrical / Tooling Time 95 Hours

### ROV SPEC -

**Name** Perseus

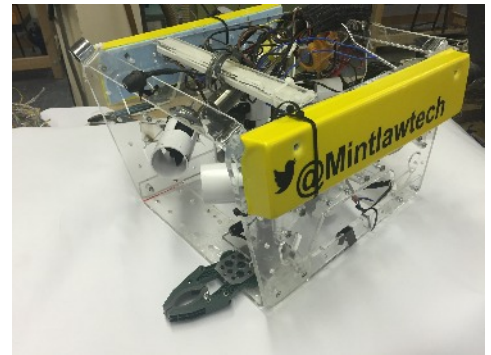
**Total Vehicle Cost:** \$653.35

**Primary Material** - Acrylic Frame

**Dimensions** - L465, W 445, H 280

**Special Features** - Push Button Control system, Manipulator, One electromagnet to attach various tools, Ice Measuring Device, Temperature Sensing Adaptor.

**Safety Features** - 25A Fuse on positive wire. Motor Shrouds, all wires securely attached to frame. Tether tension relieved from strain.



The 2016 entry for the ROV MATE competition would not have been possible without the help of the following people and companies.

Our Teacher - Ali Hynd

Our Mentor - Neil Stagg

Regional and International Co-ordinators

Graeme Dunbar & Jill Zande

ROV MATE - All officials and Tech support

Robert Gordon University

Aberdeenshire Council for pool time and access

Craig Reid - Hydro Group - Aberdeen



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