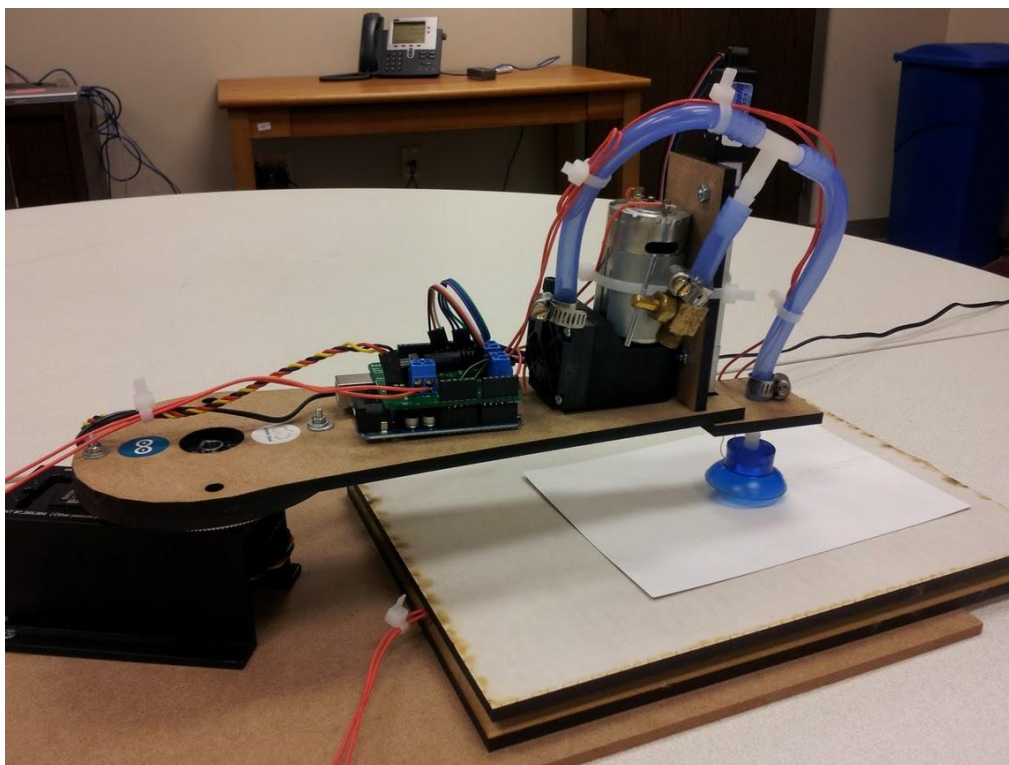


Gado 2

A second-generation scanning robot for small archives



Specifications

Cost: \$500	Sensors:
Scanning Resolution: 150/300/600dpi	Light, touch, pump current, z axis position, 3d position (optional, via Kinect)
Scanning Speed: 30 seconds/image @ 300 dpi, 45/image @ 600 dpi*	Metadata Capture Capabilities:
Lifting Capacity: 5 lbs	Follows organizational naming conventions
Footprint: 28" x 20"	Optional photographic capture of photograph backs, OCR
Weight: 6 lbs.	
Assembly Time: < 1 day	

* Speed depends on off-the-shelf flatbed scanner used

Gado 2 is an open-source archival scanning robot which allows small archives to digitize their photographic collections autonomously. Available in early 2012, the Gado 2 will be sold in kit form for \$500. The machine works by lifting photos using suction, placing them on a flatbed scanner (any TWAIN compatible scanner may be used), and scanning the photos into a database system.

Photo, pressure and current sensors combined with a variable vacuum system ensure that the Gado 2 maintains a light touch which will not damage sensitive historical documents. An optional camera system allows the machine to capture the back of each scanned photograph, and innovative OCR software turns any text found into searchable metadata.