



Magswitch Technology, Inc.
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 303-468-0662

Magswitch Aluminum Adjustable Beam Jack, MD

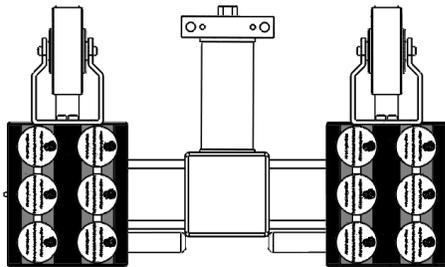
P/N: 8800605

The Magswitch Aluminum Adjustable Beam Jack, MD is perfectly suited to pulling flat ferromagnetic substance, such as steel plate, against stiffener beams. Eliminating the air gaps between the two pieces allows, for more efficient welding. This tool features two Magswitch MLAY 600x6 tri-pole arrays capable of delivering a maximum breakaway force of 6887 lbs. This tool can reduce the welding time considerably and saves the use of extra materials.



WARNING!
Do Not Operate Unless In Contact With Ferrous Target

SPECIFICATIONS	
P/N: 8800605 - MAGSWITCH Aluminum Adjustable Beam Jack, MD	
Max Breakaway*	6887 lbs / 3130 kg
Full Saturation Thickness	1" / 25.4 mm
Minimum Thickness for De-Stack	3/4" / 19.1mm
Net Weight (with magnets)	80 lbs/ 36 kg
Net Weight (without magnets)	37 lbs/ 17 kg
Max Overall Height	834 mm
Magnetic Pole Footprint	2 x 142 x 166 mm



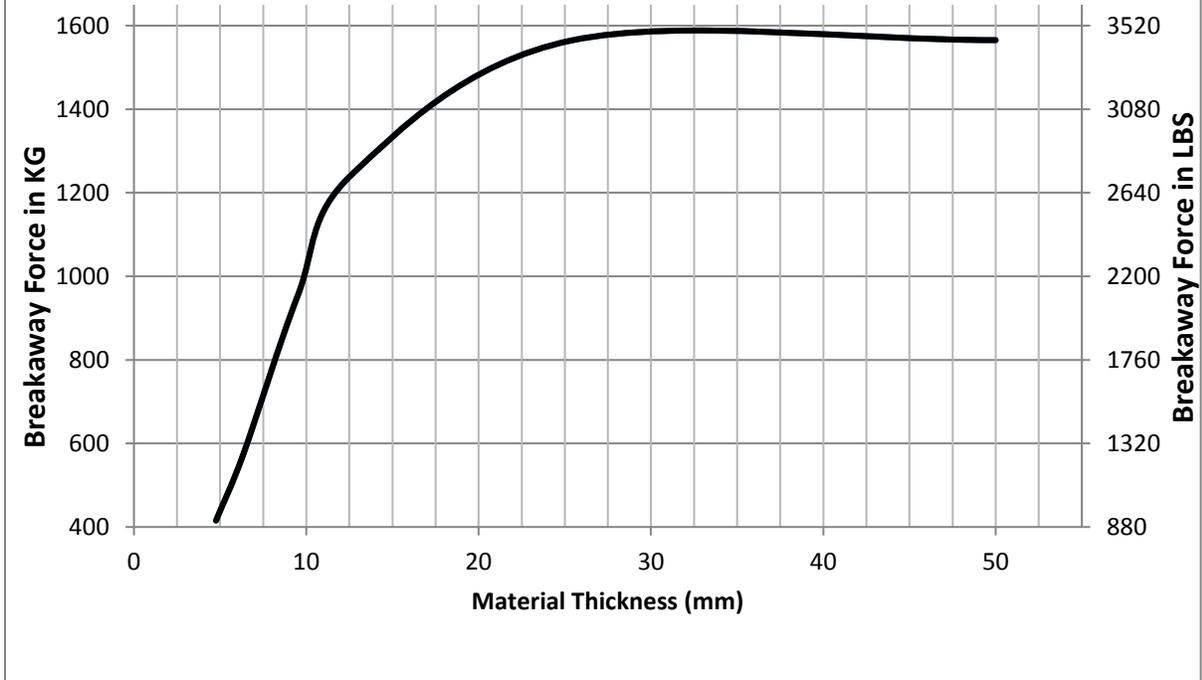
WORKING SURFACE
BLACK=BEST
GRAY=MODERATE

* Max Breakaway determined in laboratory environment on 2" thick SAE1018 Steel with surface roughness 63 micro inches. Many factors contribute to the actual breakaway force in each application. Always test the magswitch in each application before deployment. Refer to the magswitch information booklet for more information.

Part Number 1101235
 Revision Date: January 20, 2017



Breakaway Trend chart for MLAY600X6 Tri Pole

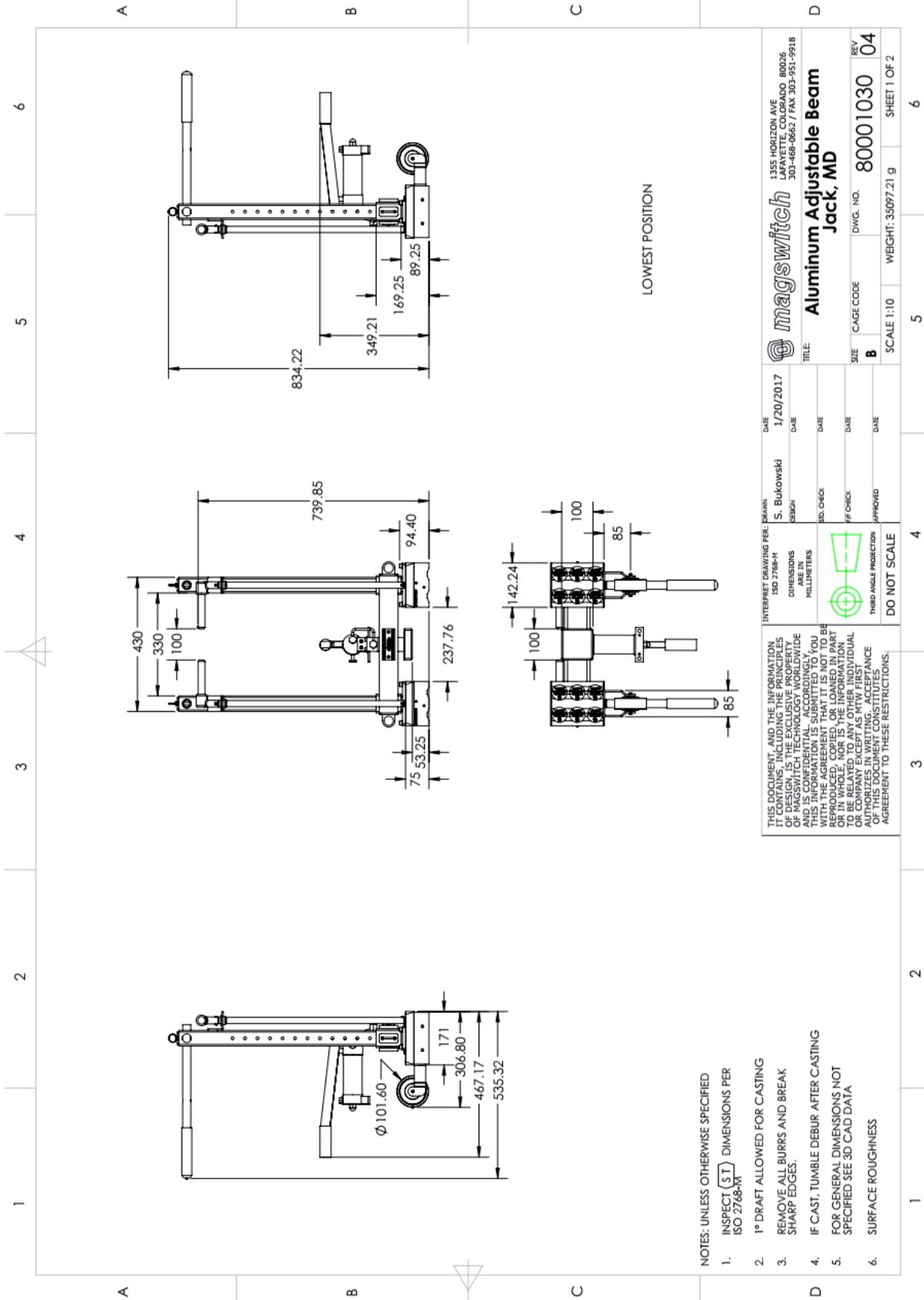


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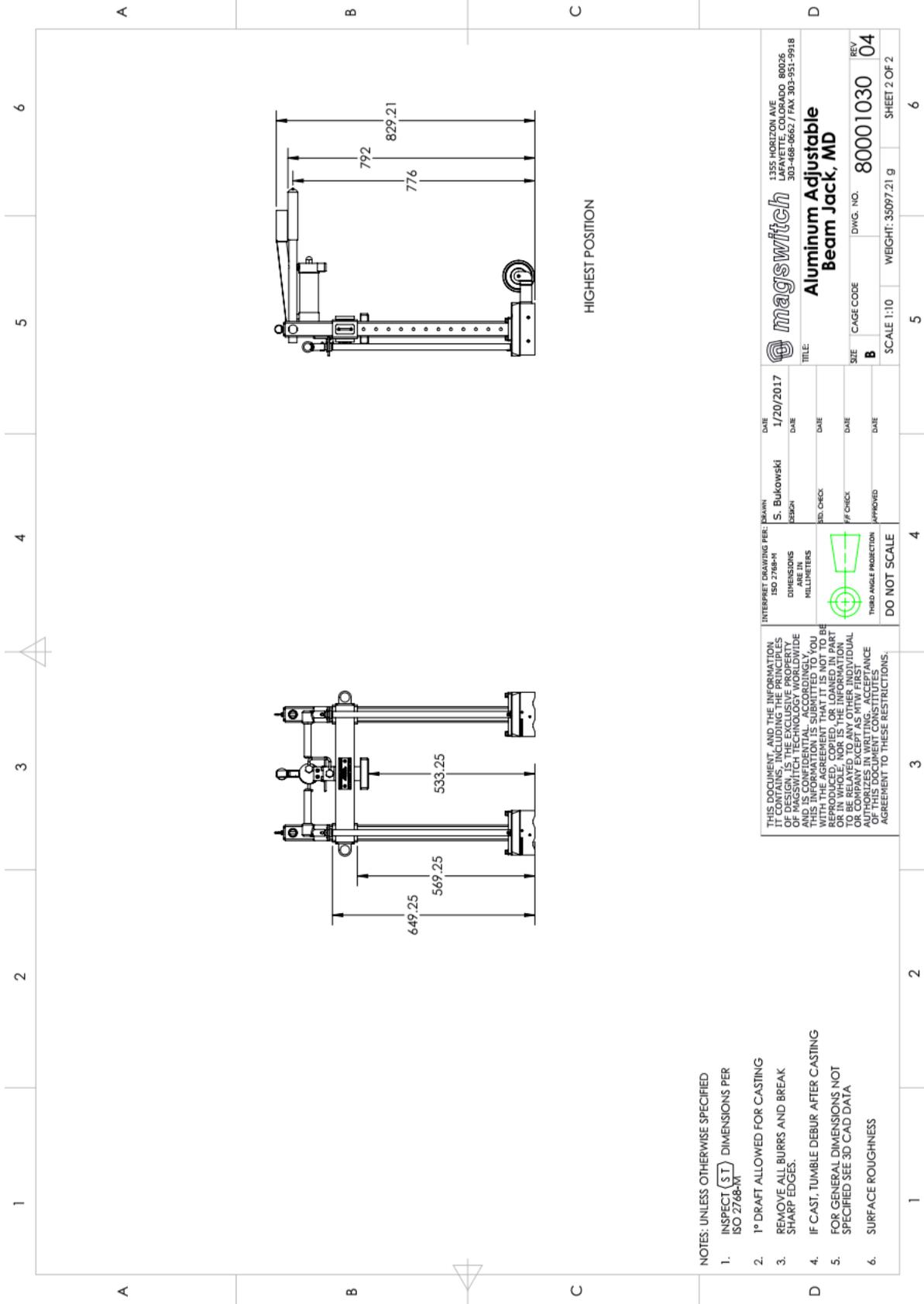
- NOTES: UNLESS OTHERWISE SPECIFIED
- INSPECT (SI) DIMENSIONS PER ISO 2768-M
 - 1° DRAFT ALLOWED FOR CASTING
 - REMOVE ALL BURRS AND BREAK SHARP EDGES.
 - IF CAST, TUMBLE DEBUR AFTER CASTING
 - FOR GENERAL DIMENSIONS NOT SPECIFIED SEE 3D CAD DATA
 - SURFACE ROUGHNESS

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DO NOT SCALE THIRD ANGLE PROJECTION		CHECKED DATE	DATE	DATE
TITLE Aluminum Adjustable Beam Jack, MD		SIZE B	CAGE CODE 80001030	REV 04
SCALE 1:10		WEIGHT: 35097.21 g	SHEET 1 OF 2	6

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INTERPRET DRAWING PER:	DRAWN	DATE
ISO 2768-M	S. Bukowski	1/20/2017
DIMENSIONS	DESIGN	DATE
MILLIMETERS		
	3RD CHECK	DATE
	4TH CHECK	DATE
	APPROVED	DATE

		1355 HORIZON AVE LAFAYETTE, COLORADO 80026 303-468-0662 / FAX 303-951-9918	
TITLE		Aluminum Adjustable Beam Jack, MD	
SCALE	CAGE CODE	DWG. NO.	REV
1:10	B	80001030	04
WEIGHT: 35097.21 g		SHEET 2 OF 2	