

# ROBOT PROFILE

## TOP RANKED ROBOT THIS MONTH

● by Kevin Berry

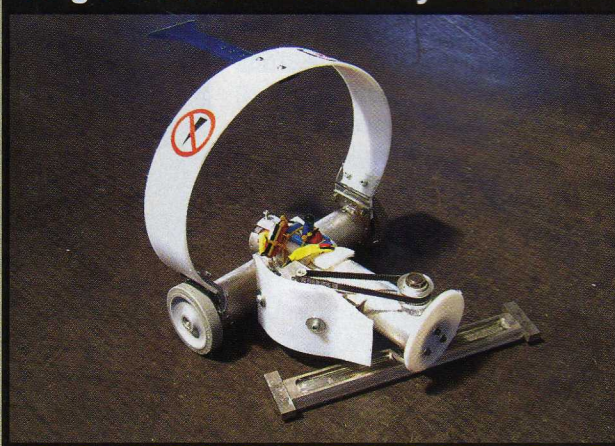
Top Ranked Combat Bots					
History Score			Ranking		
Weight Class	Bot	Win/Loss	Weight Class	Bot	Win/Loss
150 grams	VD	26/7	150 grams	Micro Drive	10/3
1 pound	Dark Pounder	44/5	1 pound	Dark Pounder	23/3
1 kg	Roadbug	27/10	1 kg	Roadbug	11/4
3 pounds	3pd	48/21	3 pounds	Limblifter	12/1
6 pounds	G.I.R.	17/2	6 pounds	G.I.R.	11/2
12 pounds	Solaris	42/12	12 pounds	<b>Surgical Strike</b>	<b>19/7</b>
15 pounds	Humdinger 2	29/2	15 pounds	Humdinger 2	29/2
30 pounds	Helios	31/6	30 pounds	Billy Bob	12/4
30 (sport)	Bounty Hunter	9/1	30 (sport)	Bounty Hunter	9/1
60 pounds	Wedge of Doom	43/5	60 pounds	K2	14/2
120 pounds	Devil's Plunger	53/15	120 pounds	Touro	14/2
220 pounds	Sewer Snake	46/13	220 pounds	Original Sin	12/5
340 pounds	SHOVELHEAD	39/15	340 pounds	Ziggy	6/0
390 pounds	MidEvil	28/9	390 pounds	MidEvil	3/0

History Score is calculated by performance at all events known to BotRank

Current Ranking is calculated by performance at all known events, using data from the last 18 months

Rankings as of July 10, 2008

### Surgical Strike – Currently Ranked #1



**Historical Ranking: #7**

**Team: Rolling Thunder**

**Builder(s): Peter and Andrew Smith**

**Location: Formerly Skelmorlie, Scotland.**

**Now, Cary, North Carolina**

BotRank Data	Total Fights	Wins	Losses
Lifetime History	34	24	10
Current Record	26	19	7
Events	9		

**S**urgical Strike has competed in: Motorama 2006, Pre-Nationals Last Chance Qualifier 2006, Motorama 2007, Carolina Combat 2007, RoboGames 2007, Franklin Institute Robot Conflict 2007, Wreck-The-Halls 2007, Motorama 2008, and CCR Memorial Day Qualifier. Details are:

- **Overall configuration:** Horizontal undercutting blade spinner.
- **Frame:** TIG welded tubular 6061 aluminum.
- **Drive:** Harbor Freight 18V cordless drill gearmotors.
- **Wheels:** 4" x 7/8" Colsons.
- **Drive ESC:** Two 12-45 Banebots.

- **Drive batteries:** 2,000 mAh; 18V NiCds.
- **Weapon type:** 15" titanium blade with 4140 steel hammers.
- **Weapon power:** Electric.
- **Weapon motor:** Turnigy 55-50A 400 Kv Brushless.
- **Weapon controller:** Turnigy Plush 60A.
- **Armor:** 3/16 UHMW shields for weapon motor and pulley.
- **Radio system:** 2.4 GHz Spektrum DX6.
- **Future plans:** New chassis to

allow 17" blade and 22.2V LiPo batteries.

- **Design philosophy:** Very light but strong chassis; maximize power and blade.
- **Builder's bragging opportunity:** Possibly the most powerful 12-lber in the world; winner of the last three out of four competitions entered, looking forward to a chance to fight the all time #1 – Solaris – at next year's Motorama. There can be only one ... **SV**

Photos and information are courtesy of Team Rolling Thunder ([www.teamrollingthunder.com](http://www.teamrollingthunder.com)). All fight statistics are courtesy of BotRank ([www.botrank.com](http://www.botrank.com)) as of July 10, 2008. Event attendance data is courtesy of BotRank and The Builder's Database ([www.buildersdb.com](http://www.buildersdb.com)) as of July 10, 2008.