

# SILVERLINE POWER TOOL DRAG RACING CHAMPIONSHIP 2010

## RULES OF ENTRY

### 1. GENERAL IDEA

Finish your machine before you arrive. Stay away from the beer. Go faster than everyone else. Don't Crash. Win prizes, but most important, entertain the crowd and have fun.

### 2. THE DRAGSTERS

Machines in all classes must be based on hand held power tools. A hand held power tool is a machine intended for handheld operation by one individual. A machine designed to be used primarily on a stationary mount, or rolled on wheels, or used by a group of people is NOT a hand tool for the purposes of this event. Examples of hand tools are machines like belt sanders, angle grinders, circular saws, drills, chainsaws and strimmers. Examples of things that are NOT hand tools are things like lawnmowers, floor sanders, generators and bench grinders. The final decision over whether or not a machine has been based on a hand held power tool rests solely with the organisers. The organisers have the absolute right to refuse any machine entry on the day if they consider that it has not been based on a hand held power tool. If you have any doubts whatsoever, please contact us with your specification for a definitive answer.

For all non-ridden classes you may use any type of hand held power tool, however they must be activated and shut down with electric 240v AC. Combustion engines are not permitted in this class. The non ridden class power source is 13 amps 240V AC per lane. AC electrical cords will be on site. They will be fitted with 3 way in-line mains connectors, female at the tool end. **Each entrant will need to fit the male end connector to the tool cable**, which needs to be approximately 300mm long. Connectors are available from, R.S. Components (Part no. 531-431), DIY stores, lawn mower distributors, etc. Note: check out the R.S. part online ([www.uk.rs-online.com/web](http://www.uk.rs-online.com/web)) and make sure it's the right one (3-way, in-line white or black). Each entrant will be responsible for "coiling" the cord on the ground or laying it alongside the track for their run. No spools or cord guides will be allowed. Tangles or poor cord feed is the responsibility of each entrant and machines will not be allowed to run again if the feed interferes with the time, the judge's decision is final in this regard. Disconnection happens when the tool reaches the end of the strip and pulls the plug out!

In the ridden class any hand held power tool is permitted. Please note there will be no power supply for electric vehicles in the ridden class. Each pneumatic entrant must provide their own air.

### 3. THE TRACK

#### 3.1 NON RIDDEN TRACK

Machines in the un-ridden classes will run on parallel wood tracks 20m long & 305mm wide. Each lane has rails on either side that measure 100mm X 50mm. We will make every effort to maintain the straightness and accuracy of this track, but expect some variation and bumps at the joints. We recommend you make your dragster no wider than 295mm. Maximum length is 1.8m. There will be a 16ft long foam pit at the end of the track to help with deceleration of the faster entries.

A timing system will display elapsed time over the distance for contenders as well as your reaction time and top speed. If this should fail we will have a backup system of good old fashioned stop watches. Decisions over the times are the final say of the judges and are not open to argument. A countdown from the lights and crowd will start each race, followed by much jumping up and down (with enthusiasm) by contenders.

#### 3.2 RIDDEN TRACK

Each lane for the ridden class will be 100m long with a separation zone to keep you and your machine a safe distance from the audience.

### 4. THE PIT AREA

The pit area will have 240 volt power supply and some Silverline Tools will be available; however we suggest you bring what you think you will need. If you want a table to work on, you should probably bring one. We will have some pit tables on site but this will be on a first come, first served basis. There's always floor space available if you want to rough it!



## 5. THE EVENT CLASSES

### 5.1 STOCK

Stock machines must run in their stock (off-the-shelf) configuration with original blades, bits, motors etc. The original drive configuration of the tool must directly transfer the power of the tool to the ground **WITHOUT** additional wheels, belts, spikes, or other added drive strategies. Entrants can add balancing, stabilizing and / or guide wheels and bars, but these must attach **DIRECTLY** to the existing frame of the tool. You **CANNOT** make a new independent frame and bolt the tool into or onto a new structure. Axles are allowed to the point necessary to provide a rotation point for the wheels. This is intended as the easy class - the class where an off-the-shelf piece-of-junk

belt sander or circular saw could take home the prize. If you are unsure if your dragster qualifies as a stock machine please contact the organiser. As above, the judge's decision is final and if you do not clarify your design you may be placed in the modified class on the day. **PLEASE NOTE THAT FOR THE 2010 POWER TOOL DRAG RACE DESTRUCTIVE GRIP WILL NOT BE ALLOWED.**

### 5.2 MODIFIED - (non-destructive grip)

Modified machines are un-ridden machines of open design. Custom frames, drives, wheels, of all types expected. This category is open to all dragsters with 'non destructive' grip. Dragsters may use wheels, belts etc. to propel their dragsters down the track. If you are unsure if your drive system qualifies as non-destructive grip please contact the organisers. 'Wall running' dragsters are not permitted. Drive must not be transmitted onto the track walls. Multiple motors and power types are okay, but all "motors" must have originated in an off the shelf hand held power tool. If you are uncertain about the definition of a hand held power tool please see section 2 above, if you are still uncertain please contact the organisers. No vehicles built from Radio Controlled cars will be allowed, because they are boring!



### 5.3 SUPER MODIFIED - (destructive grip) - PLEASE NOTE FOR 2010 WE WILL NOT BE RUNNING THIS CATEGORY.

### 5.4 RIDDEN (funny car)

**5.4.1 Definition** - The ridden car class is for custom fabricate machines that carry one or more rider(s) down the track, using one or more motors that originated in a handheld power tool as described above. You are free to develop any type of frame, drive system, seating posture you like. You can start from an existing 'vehicle' and add the hand tool or start from scratch. The drive from tool to ground can be direct via the tool bit, or via a custom gear, sprocket, axle or tyre etc. system.

### 5.4.2 Rules

- All chains must have guards that stop loose clothing or body parts from coming into contact with the chain or sprocket.
- All wheels must be properly secured to the vehicle
- Drivers will not be allowed to race without wearing suitable protective clothing & crash helmet. Gloves are advised
- Each entry may be assessed for its build quality. The organisers reserve the right to refuse entry to any team whose vehicle does not meet reasonable safety standards.
- The vehicle must have suitable brakes which can be easily operated by the driver. When operated they must bring the vehicle to a stop in a safe & controlled manner.
- Vehicles powered by combustion engines such as chainsaws must have an engine kill switch which is easily accessible.

**NOTE: There must be NO damage to the concrete flooring.**

## 6. ENTRY FEES

The entry fees are as detailed below until the closing date of September 1st 2010. After this date entrance is closed, this is to help us get you all organised into your running order and class nice and early. Stragglers may be accepted later, but they may well be placed at the more awkward time slots. To reduce chaos, and embarrassing disorganisation, **WE WILL NOT BE ACCEPTING ENTRIES ON THE DAY OF THE EVENT.**

### Entry fee for racing to be paid in advance

Modified (Non-Destructive Grip)	£10.00
Stock	£10.00
Ridden	£10.00

This charge is per entry not per person. Entry fees to be paid by cheque, please make payable to Toolstream Ltd and post to the address below.

Rachel Wolsey  
Power Tool Drag Racing  
Silverline Tools  
Boundary Way  
Lufton Trading Estate  
Yeovil  
BA22 8HZ

## 7. PRIZES

Each class will be awarded prizes for first, second and third place as follows:

### UNRIDDEN

Class	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
Modified (non destructive grip)	£400	£200	£150
Stock	£125	£75	£50

### RIDDEN

Class	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
Ridden (funny car)	£1250	£500	£250

Prizes are supplied by the event organisers, Silverline Tools Ltd of Yeovil ([www.silverlinetools.com](http://www.silverlinetools.com)). The 'Silverline Cup' is up for grabs for the fastest top speed run of the event. We estimate anything hitting the 40mph plus mark will be a serious contender for the Silverline Cup.

## **TERMS AND CONDITIONS**

### **1. GENERAL**

**DISMANTLING POWER TOOLS AND BUILDING AND OPERATING POWER TOOL DRAG RACERS CAN BE DANGEROUS. DO NOT DISMANTLE POWER TOOLS OR BUILD OR OPERATE POWER TOOL DRAG RACERS UNLESS YOU ARE QUALIFIED TO DO SO, OR ARE SUPERVISED BY A RESPONSIBLE AND QUALIFIED ADULT. EVEN IF YOU ARE QUALIFIED OR SUPERVISED AN EVENT SUCH AS THIS IS INHERENTLY DANGEROUS AND COMPETITORS ARE AT RISK OF INJURY. COMPETITORS ARE SOLELY RESPONSIBLE FOR THEIR RACER WHETHER OR NOT IT HAS BEEN INSPECTED FOR SAFETY OTHERWISE BY THE EVENT ORGANISER.**

The event will be coordinated in line with the rules of entry above and these terms and conditions. The event organisers reserve the right to refuse entry to any person or any machine that they may choose in their absolute discretion based primarily on reasons of safety. The event organisers will refuse entry to any person that they reasonably feel may pose any risk whatsoever to the safety of the event or other spectators. The event organisers reserve the absolute right to refuse any machine entry if they feel that racing the machine would jeopardise the safety of any other competitors, staff or spectators. Competitors under the age of 16 years must be accompanied by an adult who must also sign this form. In the interest of safety, at all times, both the competitors and the spectators will be required to comply with the reasonable instructions of the event coordinators or any of their staff. Any competitors, guests or spectators behaving in a manner prejudicial to the safety or enjoyment of others will be asked to leave the event. No responsibility can be taken for the cancellation of the event by the event coordinators or other and the consequences thereof.

### **2. LIABILITY**

**IN SIGNING THIS FORM YOU ARE ACKNOWLEDGING THAT POWER TOOL DRAG RACING IS A DANGEROUS SPORT AND YOU AGREE AND ACCEPT TO PARTICIPATE COMPLETELY AT YOUR OWN RISK AND ON THE TERMS AND CONDITIONS SET OUT HEREIN.**

The event organisers accept no liability of cancellation of the event for any reason outside their control.

The event organisers reserve the right to inspect machines for reasons of safety. Nothing in this agreement places any obligation on the event organisers to certify that any machine is safe to race. Each competitor will be solely responsible for ensuring the safety of their own machine and each competitor accepts that in signing this agreement they are liable for the death or personal injury of any person or any damage or financial loss direct or indirect caused by the competitor's acts or omissions relating to the competitor's machine or the competitor's attendance at the event.

All warranties conditions and other terms implied by statute or common law are to the fullest extent permitted by law excluded from these terms and conditions. The event organisers accept no liability for any personal loss or injury or damage to property howsoever caused or for actual, contingent or future consequential losses howsoever arising.

Nothing in this document excludes or limits liability for death or personal injury caused by the negligence of the event organiser or their employees or sub-contractors.

### **3. INDEMNITY**

In signing this form you agree to be solely responsible for and indemnify the event organisers on a full indemnity basis against any liability claim or action for personal loss or injury or damage to property or actual, contingent or future consequential losses howsoever caused and whomsoever caused to that arises from your acts or omissions relating to your machine or your attendance at the event.

### **4. GOVERNING LAW**

These terms and conditions shall be governed and interpreted in accordance with the Law of England and Wales.



# POWER TOOL DRAG RACING ENTRY FORM 2010

## PLEASE READ THE RULES OF ENTRY AND TERMS AND CONDITIONS BEFORE COMPLETING THIS FORM

Team name (optional) \_\_\_\_\_

Number of individuals in team

A separate signed entry form is required for each individual in the team

Name \_\_\_\_\_

Address \_\_\_\_\_

We will only send correspondence to one address for each team.  
Please tick this box if you wish this address to be your team address

Telephone number \_\_\_\_\_

E-mail address \_\_\_\_\_

### Class of entry (Please Tick)

Stock  
(NON RIDDEN)

Modified  
(NON RIDDEN)

Funny Car  
(RIDDEN)

What power tool(s) do you intend to use for you entry? \_\_\_\_\_

Will your entry be petrol or electric driven? \_\_\_\_\_

I enclose a cheque to the value of



made payable to Toolstream Ltd

#### DATA PROTECTION - USE OF PERSONAL INFORMATION

The data Protection Act gives individuals certain rights about how their personal data will be used. By signing this Agreement you agree that we may:

(A) Disclose information onto third parties and carefully selected organisations so that they can use it to market their products and services.

(B) Transfer ay information to any country. If no satisfactory data protection laws exist in the country to which we are transferring your personal data, we will put in place equivalent contractual safeguards to those contained in the Act.

(C) Contact you by post, telephone or other means.

If you do not want to receive any marketing information, please tell us otherwise by ticking the box below.

I do not wish to receive information on other products and services from the event organiser

I confirm I have read and fully acknowledged the rules and terms and conditions set out within the document titled 'Rules and Terms & Conditions' and by signing below I hereby agree to be bound by them.

Signed \_\_\_\_\_

Parental Signature required if under 16

Print name(s)

Date: \_\_\_\_\_

**POST TO:** Rachel Wolsey, PTDR, Silverline Tools, Boundary Way, Lufton Trading Estate, Yeovil, Somerset, BA22 8HZ

**FAX TO:** 01935 479597

**EMAIL TO:** [powertooldragracing@silverlinetools.com](mailto:powertooldragracing@silverlinetools.com)