# Schumacher Storm ST

Setup: CMCC High grip · Andy Newton · Sep 24, 2021

so dialed
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| EVENT | |
|---|---|
| Class | Stadium |

| TRACK | |
|---|---|
| Type | Outdoor astroturf |
| Grip / moisture | High / Dry |
| Surface / layout | Bumpy / Medium |
| Air temp | 20°C (68°F) |

| RESULTS | |
|---|---|
| Race type | Main |
| Race number | 1 |
| Best lap | 21.89 s |

## FRONT SUSPENSION

| | |
|---|---|
| Anti-roll bar | 1.6mm |
| Arms | Kit |
| Axle height: steering block spacers | High |
| Camber | -1 degrees |
| Camber link mount | Alloy |
| **CAMBER LINK** | |
| Inner stud location | 2 - Outside |
| Inner stud spacers | 3 mm |
| Outer stud spacers | 0 mm |
| Center track rod | Aluminum |
| Hub carrier / yoke | 5 degree Aluminum |
| Ride height | 18 mm |
| **SHOCKS** | |
| Arm mounting hole | C - Outside |
| Tower mounting hole | 1 - Inside |
| Steering block | Aluminum |
| **STEERING LINK** | |
| Inner stud location | 1 - Front |
| Inner stud spacers | 3 mm |
| Outer stud spacers | 2 mm |
| Toe | 0 degrees |
| Tower | Carbon fiber |
| Wheelbase: hub carrier spacers | +1.5mm |

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire brand / type | Jconcepts Swagger | Jconcepts Pindowns |
| Tire compound | Twin pink | Twin pink |
| Tire insert | Open-cell | Open-cell |
| Tire prep | None | None |
| Wheel brand / type | Schumacher | Schumacher |

## REAR SUSPENSION

| | |
|---|---|
| Anti-roll bar | 1.0mm |
| Anti-squat: strap spacer | 2 degrees |
| Arm length / hub pin location | Wide |
| Arms | Kit |
| Camber | -1 degrees |
| Camber block | Aluminum |
| **CAMBER LINK** | |
| Inner stud location | 1 - Inside |
| Inner stud spacers | 1 mm |
| Outer stud location | Aluminium Mount hole number 6 |
| Differential height | High mm |
| Hubs | Aluminum |
| RF mount | Kit |
| Ride height | 19 mm |
| RR mount spacers | 1.0 up mm |
| Shock location | Front of arm |
| **SHOCKS** | |
| Arm mounting hole | B - Middle |
| Tower mounting hole | 2 - Mid-in |
| Toe: RF/RR mount inserts | -1.5 degrees |
| Tower | Carbon fiber |
| Track: wheel hexes | 3.00mm |
| Wheelbase: hub spacers | Long (hub back) |

## ELECTRONICS

| | |
|---|---|
| Battery brand | Reedy |
| Battery capacity | 4100 mAh |
| Battery model | Lcg hv |
| ESC brand | Hobbywing |
| ESC model | XR10 elite G2 |
| ESC settings | Standard apart from traditional braking at 97% |
| Motor brand | Hobbywing |
| Motor model | V10 Xerun G3 |
| Motor timing | 0 degrees |
| Motor wind | 5.5 turns |
| Radio brand | Futaba |
| Radio EPA steering | 100 % |
| Radio EPA throttle | 95 % |
| Radio model | TG4RS |
| Receiver brand | Futaba |
| Receiver model | R304SB |
| Servo brand | Futaba |
| Servo model | CB700 |

## SHOCKS

| | FRONT | REAR |
|---|---|---|
| Bodies | Kashima | Kashima |
| Caps | Aeration | Aeration |
| Limiters: int/ext | 2/0 mm | 2/0 mm |
| Oil weight | 40 wt | 45 wt |
| Pistons | 3 x 1.7mm - Red | Tapered drilled 2.1mm |
| Springs | Storm 3.7 Blue | 2.2 Green |
| Stroke | 24.75 mm | 34.9 mm |
| Shock oil brand | Team Losi | |

## DRIVETRAIN

| | |
|---|---|
| Clutch pads | 3 |
| Clutch tightness | 1.0 mm |
| Differential case | Aluminum |
| Differential fluid | 12500 cst |
| Differential fluid brand | XTR Special edition |
| Differential type | 4-gear |
| Drive ratio - internal | 2.53 |
| Drive type | Slipper |
| Driveshafts | Universal |
| Pinion | 19 teeth |
| Spur | 80 teeth |

## BODY & CHASSIS

| | |
|---|---|
| Battery position | Klinik cradle mid/rear |
| Body | Aerox |
| Body mount height | 1 dot - low |
| Chassis | Kit |
| Chassis sidepods | Carbon fiber |
| Cross brace | None |
| Lower transmission housing | Carbon fiber (#7868/9) |
| Motor plate | Carbon fiber |
| Radio tray | Brass |
| Radio tray position | +0 mm |
| Rear wing | Kit |
| Rear wing angle | Standard |
| Rear wing height | Maximum |
| Weight: total | 1809 g |
| Weights | Radio tray |

**NOTES** Ran a core RC under lipo weight when the grip went extremely high
Full klinik titanium screw kit
Titanium ball studs
Titanium captive joints
Klinik vertical castor blocks