

RIVAL TROPHY
EUROPEAN
RACE

REGULATION

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Introduction

Rival Trophy is an association, which organizes racing championship for Pitbikes and Mini GP bikes, with intention of sharing collective interest and dedication to our hobbies in actual fair play.

Social guidelines

Every registered rider in Rival Trophy championship must keep decent and fair play behaviour both on the track and in the paddock and is responsible for him/herself and their companions. Vulgar behaviour will not be tolerated in any form.

Everyone present is required to keep the whole area clean.

In paddock any sort of ride than could threaten anybody is strongly prohibited.

Children must be under supervision of an adult person.

Dogs and other pets cannot be left without supervision and their owner is fully responsible for their behaviour.

Night piece starts at 10 pm and ends at 6 am. In this time everybody must keep calm and quiet behaviour to not disturb the night piece.

It is strongly prohibited to move on track in time of active driving and outside of schedule without permission from race organizer. Movement on track is only allowed to riders of given class and organizing team.

Riding a motorcycle under influence of addictive substances is strongly prohibited. Jury has a right for random inspection.

If anybody would break these guidelines and organizer evaluates the situation as inappropriate, the person in question can be punished verbally, disqualified from the race or even from whole championship.

Mandatory safety equipment

The rider is obligated to be equipped with:

- Full-face helmet or motocross helmet with glasses equipped
 - Every helmet must have readable homologation label (since year 2021 mandatory fastening with “double ring” system), all additional modifications and accessories are strongly prohibited
- Spine protector
- Leather suit with knee, elbow, and shoulder protectors
- Appropriate leather boots (either motocross or race boots)
- Leather gloves with protectors

All the equipment listed above must be in good shape according to technical commissar.



Basic prerequisites for taking part in the race

Every self-righteous person of any nationality can take part in championship. Riders will be sorted to specific classes according to decision of the organizer, which follows the set guidelines. Organizer reserves a right to reject participation in a race of anyone based on their judgement.

Schedule

Time schedule of a race day will be available on official website in advance.

Administrative check will be open:

- Thursday 6pm – 8pm
- Friday 9am – 11am / 5pm – 8pm
- Saturday 7am – 9am

Here are all riders required to sign “Prohlášení o odpovědnosti s GDPR souhlasem,” and to take a form for technical inspection and transponder request. The transponder request must be handed over when receiving the transponder. When the transponder is returned the request will be handed back to the rider. Rider must hand over the form for the technical inspection.

Mandatory discussion with riders, where safety and rules will be discussed is set every day at 7:30am. Attendance must be verified by rider’s signature.

All events listed above will happen in organizer’s backgrounds.

Any changes will be listed to all registered riders in advance, by using application ChronoVision in section Rival Trophy given race and card “Alerts”.

Technical inspections and DYNO testing

Technical commissioners will check the technical condition of bikes according to the criteria for the given bike (page 10-11). Transponder must be attached to the bike before technical inspection according to regulations (page 8).

Bike sound levels will be measured with sonometer owned by the organizer. Sound level cannot exceed 98 Db at 5000rpm at distance of 1 m from exhaust tip. Sound level measuring will be possible any time during the race weekend.

Technical inspection will be open in these times

- Thursday 6pm – 8pm
- Friday 9am – 11am / 5pm – 8pm
- Saturday 7am – 9am

Dyno testing will be available during all racing days for all riders, so they can measure power of their motorcycle. Organizer reserves a right to measure any motorcycle according to its judgment during whole day. Technical commissioner has a right to measure motorcycle equipped with standardised electronics allowed in the rules, which is in ownership of organizer. Voluntary DYNO testing is charged 250CZK (10EUR). First DYNO testing is FREE of charge for every rider.

If a rider’s bike would exceed maximum allowed power (page 12), the rider will be penalized or disqualified from the last ride before measurement. If the last ride was a qualification, the rider will start a race from last place.

On every DYNO testing the bike must be fully functional without any carburation problems and must be able to achieve minimum of 10000 RPM.

During the measurement one person can be present for each bike to assist with the inspection.

Riders that achieve first 3 positions are required to undergo DYNO inspection. This also relates to other randomly selected riders. If any rider on the first 3 position get disqualified, the DYNO testing will continue until 3 riders will pass.

Allowed power tolerance will follow the table "Allowed Power and Penalties" on page 12

It follows that race results will be announced after completion of technical inspections.

Organizer is not responsible for any mechanical failures during DYNO testing.

Due to health concerns, it is prohibited to stand behind DYNO tester at any moment.

Rules of race

Race day will be split into: free practise, qualifying practise, superpole, warm-ups and race.

During the mandatory discussion, the established track entrance and exit will be told to riders.

Qualifying practise designates riders grid positions for both races from 8th place and also determines qualified riders into superpole. Superpole determines grid positions from 1st to 7th place. The first 5 riders from the 1st qualifying practice and the first 2 riders from the 2nd qualifying practice will qualify for the superpole. If rider who is qualified into superpole from 1st qualifying practice wants to join 2nd qualifying practice, then the riders advancement into superpole will be cancelled. Thus in 2nd qualifying practice there will be additional superpole qualification position available.

If no time is achieved in these qualifying practice sessions, it will be necessary to have 5 laps in free practice. In this case, the start of the race will be allowed from the last place.

Rider is obliged to be ready at least 3 minutes before track entrance time.

During starting procedure only 2 additional people can be present per rider, and they must be wearing sturdy shoes. Accompaniment mustn't have any object that isn't related to the starting procedure.

Example of starting procedure:

- Track entrance: 13:58:00 – **14:00:00**
- Waiting on grid: 14:00:00 – **14:03:00**
- Warm-up start and subsequent race start: 14:03:00

Riders who don't enter the track in time (example 13:58:00 – 14:00:00), will have to wait on pitlane until start of warm-up lap (example 14:03:00) and will have to start from last position. If a rider won't be ready on track entrance when the warm-up lap is already started, in order for the rider to enter race, they would have to wait until the race starts and the whole grid passes through the first corner. Riders can enter the race if they are ready on the pitlane exit before the starting lights go out. If rider gets ready after the starting lights go out, they will not be allowed to enter the race.

Race is started by turning off the starting lights.

Jump start will be penalized by adding 5 seconds to rider's final time.

Overtaking under yellow flag is penalized by adding 5 seconds to rider's final time.

When red flag is being signalled, the rider is obliged to calm down their ride and return to paddock as soon as possible in the direction of travel without overtaking.

When the black flag with rider's name is being signalled, the rider in question must return into paddock in the direction of travel.

Not respecting red and black flag will be penalized by disqualifying from one race or whole racing weekend.

Race director has a right to assign penalization according to his own judgment after consultation with jury.

Every protest from riders must be handed over in writing within 15 minutes after official end of the race to the race director. The fine for filing a protest is 500 CZK (20 EUR) and is paid for by the person protesting. If the protest is confirmed to be true, the fine will be paid by a person on which the protest was imposed, and the protesting person will be refunded. The protest forms will be available in place of administrative check.

Ending of trainings and races is signalled by waving of checkered flag on the finish line. After the ending signal the rider finishes a lap and returns to paddock through the established track exit.

After race first 5 riders will have to stop their motorcycle in "parc fermé" . After 20 minutes riders can retrieve their bikes. Any tampering with the motorcycle after the end of the race will be subject to inspection and may result in disqualification of the rider.

Once the motorcycle has been DYNO tested, the bike will not be allowed to exceed the power and torque limits in the table " Allowed Power and Penalties" on page 12. Only then will the official results of the completed race be announced.

After more serious fall the rider is obliged to undergo technical inspection, safety equipment inspection and health inspection carried out in an ambulance present. The rider can continue riding only after passing all these inspections.

SIGNALS ON TRACK

Flag signalization is present on every site with track commissar.

In case of wet race, the "WET TRACK" flag will be hanged out.

Other signalizations – (attachment 2)

CANCELLATION/EARLY TERMINATION OF THE RACE

Race can be cancelled due to weather situation not allowing continuation of the race. (Abnormally heavy rain/strong wind)

In these circumstances organizer assembles a meeting with all riders for collective decision to cancel race day or not.

Early termination of a race is decided by organizer and is signalled by red flag.

If the race is not complete more than 50% and is restarted, the new start uses original grid positions. Number of laps for the restarted race will be set by the organizer. Results of the race before restart will be invalidated. If the red flag would be signalized due to rider injury, the rider in question will not be able to continue in the restarted race.

When the race is stopped and more than 50% is complete, the race will be finished according to results from last complete lap before red flag signal. Every rider that will be able to return to paddock under 3 minutes will be classified onto race results.

OFFICIAL TESTING AND CATEGORY DIVISION

Before the race weekend it will be possible to ride on the Ottobiano circuit on Friday from 9am to 5pm, this riding is arranged by the circuit itself, drivers are however obliged to pick up a transponder from the Rival Trophy administration. The division into performance categories will be based on placings in these free practices. The final decision to place a rider in a particular category is up to the organiser, who has the right to take into account the rider's experience.

If the results do not comply with the rules, the rider is obliged to readjust the bike to the technical criteria (see page 10 - page 11) to comply with the rules. The first braking is free of charge, subsequent braking will be charged at 250CZK (10EUR).

It will be possible to DYNO test each motorcycle to see if the power/torque complies with the rules to allow entry into the Rival Trophy championship.

For the division of riders who will not participate in the whole championship but only in specific races (so called "wild card"), they will be divided into performance categories based on the organizer's judgement.

Starting numbers will be confirmed after the placement in each category in order not to repeat the same numbers in the same category. Should it occur that two or more riders would like to have the same number and qualify in the same category, the rider who has already competed in the Rival Trophy Championship or in the order of completed entries for the Championship will have priority.

Main categories:

- MINI GP – **JUNIOR** (10-15 years old).
- PITBIKE/MINI GP – **OPEN CLASS PIT/GP** (16 years and older).
- PITBIKE/MINI GP – **FAST** (16 years and older).
- PITBIKE/MINI GP – **PRO** (16 years and older).
- PITBIKE/MINI GP – **ELITE** (14-30 years old, exception may be granted for professional level riders after consideration by the organizer).

The organizer can make exceptions in all categories at its own judgement.

In the main categories there will be subcategories LADY CUP and LADY JUNIOR.

LADY CUP - all women from all main categories will be classified in this subcategory.

LADY JUNIOR - all girls from the JUNIOR category will be classified in this subcategory.

From 2024, a TEAM CHAMPIONSHIP will be announced. To be classified, a team must have at least 2 drivers. Scoring will be based on the total points of all riders on the team across all categories and this total will be averaged across the number of riders for each race. Team members must be reported by the team captain at the administrative check-in before each race.

Tyres

Rival Trophy European 2024 will allow the use of any tyre brand. There is no limit to the number of tyres used.

Transponders

Rider is fully responsible for the transponder (legal representative for underage riders). Transponder must be returned after the last ride of the race weekend in same shape as it was lent to riders. In case of any damage/loss/non-return according to rules, there will be fine addressed to rider in question worth 320 EUR. Rider is obliged to use original transponder strap, which is available from organizer. Since year 2022 it is mandatory to have a new type of strap that differs marginally from the old ones. Transponder can be only mounted on allowed places (Attachment 3, Picture 5-6). Any place where the transponder is strapped to must be approved by the technical commissioner. Transponders must be strapped before the technical inspection.

Engine power system

Only carburettor systems allowed.

Additional injection (powerjet) and membrane carburettors are forbidden.

Radiators

Every engine that has oil radiator must be equipped with steel braided hoses approved by technical commissioner. This rule is set due to experience from last season. We recommend using hoses with high-pressure endings. (Attachment 3, picture 1-4) It is necessary to tie the oil hoses to a fixed place by the radiator and engine with a tie wire.

Action cameras

Action cameras are only allowed if they are fastened to motorcycle. It is mandatory for the camera to be fastened before technical inspection, so it can be approved by technical commissioner. Fastening cameras to any place out of motorcycle (helmet, other body parts) is strictly prohibited.

Health insurance

It is mandatory to have accident insurance from the first race weekend, which is valid for high-risk sports. The rider has the option to use the insurance arranged by the organizer, which will be valid for all events organized by this organizer. For further information, contact - rivaltrophy@mv69.cz.

Other responsibilities

It is necessary for absorption mats to be placed under bikes when parked in own background.

Newcomers who previously haven't raced in Rival Trophy championship and riders of Junior class will be required to complete a test in order to prove their knowledge of guidelines and flags.



General rights and responsibilities of organizers

Everyday a “Jury” meeting will be held, where situation that happened that day will be discussed.

Organizer has a right to change set rules if all people involved are notified in advance.

Scoring and placement

Placement of the race day is based on a sum of points from both races. In case of equal number of points decides fastest race lap time.

Placement of the whole championship is based on sum of points achieved in every race separately. In order to achieve placement in championship, the rider must finish at least 50% of all races.

RACE SCORING:

1 st place	25 points
2 nd place	20 points
3 rd place	16 points
4 th place	13 points
5 th place	11 points
6 th place	10 points
7 th place	9 points
8 th place	8 points
9 th place	7 points
10 th place	6 points
11 th place	5 points
12 th place	4 points
13 th place	3 points
14 th place	2 points
15 th place	1 point

SUPERPOLE SCORING

1 st place	7 points
2 nd place	6 points
3 rd place	5 points
4 th place	4 points
5 th place	3 points
6 th place	2 points
7 th place	1 points

Announcement of winners

Announcement of winners happens at the end of race day. Prizes will be handed over to first 3 riders of every class.



PITBIKE

- Pitbike with four-stroke horizontal engine
- Type of frame: Open cradle frame
- Wheel diameter: 12 inches

Allowed engines

- YX
- ZONGSHEN
- LIFAN
- TOKAWA with 2 valve engine head (when using engine head with KLX connections it is mandatory for valve covers to be dismantled for technical inspection)
- TOKAWA with 2 valve engine head (when using engine head with KLX connections it is mandatory for valve covers to be dismantled for technical inspection)
- Daytona (only category OPEN)
- Honda CRF 150 (only category OPEN)

Other regulations

- Only allowed gearboxes with 4 gears maximum (does not apply to OPEN categories).
- It is prohibited from using roller rocker arms (does not apply to OPEN categories).
- CDI and ignition are allowed only as standard for engines listed above (does not apply to OPEN categories).
- Any fluid clutch is allowed (does not apply to OPEN categories).
- Maximal power and torque allowed as table " Allowed Power and Penalties". Power measurement will happen with carburettor slide completely open. (does not apply to OPEN categories).
- Any electronics adjustment is banned (additional CDI) (does not apply to OPEN categories).
- Motorcycles must be equipped with: damage-saving pads on wheels and foot pegs, soft handlebar protection (aluminium, nylon), closed handguards or rigid lever covers
- Oil drain and fill fittings must be secured with a tie
- Oil hoses must be tied to a fixed location on the radiator and engine.
- The front brake bolts must be tied together.
- Functioning button "kill switch" must be located on handlebars
- Both brakes must be in perfect state
- Oil recovery tray must be equipped
- Spring-reset or fixed footrests are allowed
- Semi handlebars are not allowed



Mini GP

- Mini GP with four-stroke horizontal engine
- Wheel diameter: 12 inches (10 inches allowed for JUNIOR category)

Allowed engines

- YX
- ZONGSHEN
- LIFAN
- TOKAWA with 2 valve engine head (when using engine head with KLX connections it is mandatory for valve covers to be dismantle for technical inspection)
- Daytona (only category OPEN)
- Honda CRF 150 (only category OPEN)

Other regulations

- Only allowed gearboxes with 4 gears maximum (does not apply to OPEN categories).
- It is prohibited from using roller rocker arms (does not apply to OPEN categories).
- CDI and ignition are allowed only as standard for engines listed above (does not apply to OPEN categories).
- Any fluid clutch is allowed (does not apply to OPEN categories).
- Maximal power and torque allowed as table " Allowed Power and Penalties". Power measurement will happen with carburettor slide completely open. (does not apply to OPEN categories).
- Any electronics adjustment is banned (additional CDI) (does not apply to OPEN categories).
- Motorcycles must be equipped with: damage-saving pads on wheels, foot pegs with nylon sleeve, soft handlebar protection (aluminium, nylon), rigid lever covers
- Oil drain and fill fittings must be secured with a tie
- Oil hoses must be tied to a fixed location on the radiator and engine.
- The front brake bolts must be tied together.
- Functioning button "kill switch" must be located on handlebars
- Both brakes must be in perfect state
- Oil recovery tray must be equipped
- Spring-reset or fixed footrests are allowed
- Semi-handlebars are allowed
- Fairing must be complete and intact



Allowed Power and Penalties

JUNIOR:

- Motorcycle: MiniGP
- Tyres: 10 and 12 inches
- Engine: Zongshein, YX, Tokawa
- Max power/torque: Maximum power allowed 14 HP , maximum torque allowed 12,5 Nm
- Age: 10 – 15 years old

Open GP:

- Motorcycle: MiniGP
- Tyres: 12 inches
- Engine: Zongshein, YX, Tokawa, Daytona, Honda CRF 150
- Minimum weight: 150kg (total weight of the rider with all equipment including the weight of the bike)
- Age: 16 years and older (the organiser may make an exception).

Open PITBIKE:

- Motorcycle: Pitbike/Mini motard
- Tyres: 12 inches
- Engine: Zongshein, YX, Tokawa, Daytona, Honda CRF 150
- Minimum weight: 150kg (total weight of the rider with all equipment including the weight of the bike)
- Age: 16 years and older (the organiser may make an exception).

FAST-PRO-ELITE:

- Motorcycle: Pitbike/MiniGP
- Tyres: 10 or 12 inches
- Engine: Zongshein, YX, Tokawa
- Power limitations:
 - Coefficient A: ≤ 150 kg: 14,00 hp - 12,50 Nm
 - Coefficient B: ≤ 160 kg: 14,50 hp - 13,00 Nm
 - Coefficient C: ≤ 170 kg: 15,00 hp - 13,50 Nm
 - Coefficient D: ≤ 180 kg: 15,50 hp - 14,00 Nm
 - Coefficient E: > 180 kg: 16,00 hp - 14,50 Nm

Minimum weight: 140kg (total weight of the rider with all equipment including the weight of the bike). The minimum weight does not apply to female riders.

Penalties

Exceeding the power and torque limits for a given coefficient will result in a penalty of 0.050 seconds per lap for each tenth exceeded after the measurement of that ride. Penalties for exceeding power and torque are separate and are cumulative. The maximum overrun allowed will be 1.00 HP and 1.00 Nm. Thus, the maximum penalty possible is 1 second per lap. Should either value exceed the maximum overlap allowed, the rider will be immediately disqualified. The rider (with full equipment) and bike will always be weighed before each DYNO testing to confirm the weight-performance coefficient.

Meaning of flags:



Red flag:

In order for a race or training to be stopped, a red flag must be waved on all sites of track commissars and red light around the track must be lit.



Blue flag:

It is shown in motion to slower rider, who is close to being overtaken by faster rider. Slower rider mustn't impede the faster one. During training, the rider in question must stay in their line and gradually slow down to allow the faster rider to overtake. During race, the slower rider must allow the faster rider to overtake at the first opportunity.



Yellow flag:

Yellow flag signalizes danger in front or near the track. It has to be waved at least 2 sites before the danger. Riders must slow down and be prepared to stop. Overtaking is prohibited until riders arrive to place where green flag is signalled, exception is a much slower rider.

- Breaking any of this rule during training will result in deleting lap time from the lap when the rules were broken.
- Breaking any of this rule during a race will result in "RIDE THROUGH" penalization.
- In both cases additional punishments can be imposed (fine).
- If immediately after overtaking the rider realizes their mistake, they must raise a hand and let to be overtaken by the rider that they overtook. In this case no penalty will be imposed.



Green flag:

Track is clear. This flag must be displayed without any movement on site of track commissars in the first lap on every training and warm-up lap. This flag must be displayed without any movement on site of track commissars, that is next after incident, which requested usage of one or more yellow flags. This flag must be waved by race starter to signalize start into warm-up lap.



Black flag with riders' number:

It is displayed without any movement on all sites together with riders' number. Disqualification of a rider from race. Rider must return to pitlane on the end of ongoing lap and cannot start again. This flag can be displayed only after notifying riders' team.



White flag:

There is a slowly moving vehicle, ambulance or similar vehicle on track. The flag is displayed on two sites of track commissars before the vehicle and signalizes that the rider will approach the vehicle in this or next sector. Overtaking other riders during the white flag signal is prohibited, this does not apply to a much slower rider. Overtaking the much slower vehicle is allowed. When the much slower vehicle stops on the track the yellow flags must remain displayed and yellow flags must be displayed with them.



Black flag with orange circle (Ø 40 cm):

This flag together with riders' number signalizes mechanical failure on riders' bike (oil leak), that could endanger other riders. Rider in question must immediately exit the track.



Yellow-red striped flag:

Reduced grip on track (water/oil/dirt on track). It is displayed without any movement.



White flag with diagonal red cross:

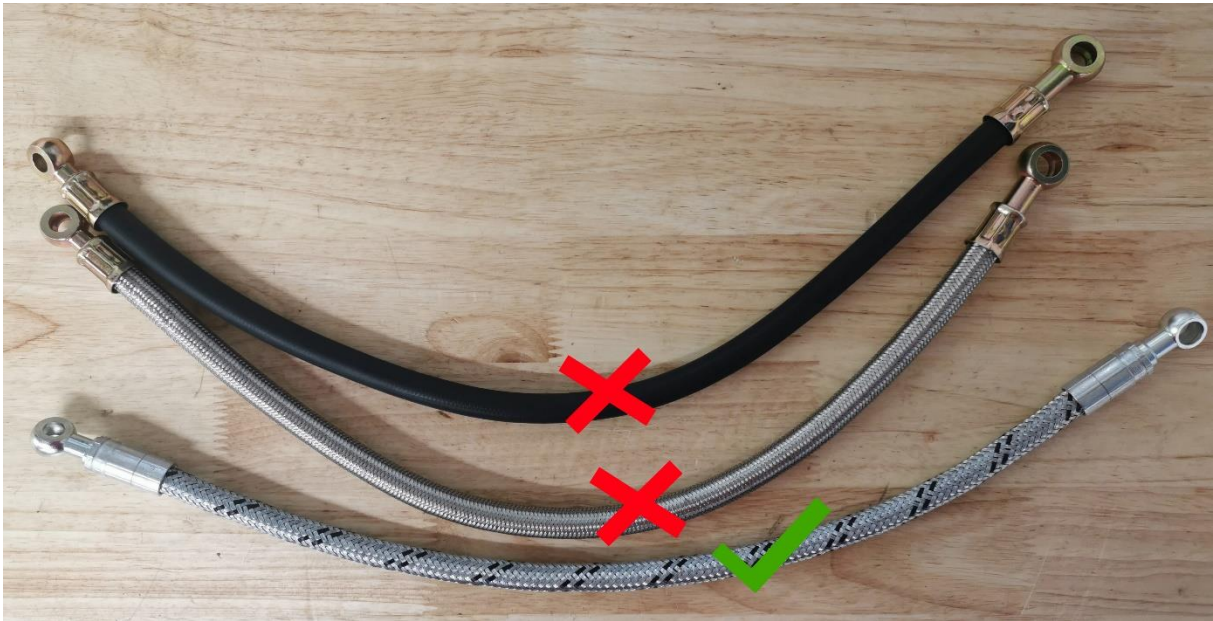
Water droplets in this section of the track. This flag must be displayed without any movement on sites of track commissars.



Checkered flag:

Waving this flag on finish line at the track level signalizes end of race or training. Checkered flag must be waved simultaneously with blue flag displayed without any movement on the finish line at the track level, if a rider (riders) crosses the finish line closely before the leading rider during the last lap.





Pic. 1



Pic. 2





Pic. 3



Pic. 4





Pic. 5





Pic. 6

