

RULES 2026

VERSION 1.0



TOMO
SHOP

PUCH
SHOP

PUCH 50CC AUTOMATIC - PUCH 70CC AUTOMATIC - TOMOS <70CC - ENDURANCE LEGENDS

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1. General Provisions

The organization reserves the right to make changes to the technical regulations before and during the event when required for safety.

All participating mopeds must comply with the requirements set out in these technical regulations, unless otherwise stated in the class-specific regulations.

Each team may present and use only 1 moped for Technical Inspection. Only in the event of irreparable total damage on site, limited exclusively to the frame and occurring before the start of the endurance race, may a replacement chassis be presented for inspection and used. The inspection sticker must be removed from the first frame, and that frame may no longer be used during the event. The decision will be made by the Head Technical Official for the event.

A team consists of a minimum of 2 and a maximum of 3 registered riders and 1 designated mechanic. The designated mechanic may also be one of the registered riders.

The use of onboard cameras and/or helmet cameras is strictly prohibited unless prior permission has been requested from the organization. The Head Technical Official must inspect the installation for safety in Parc Fermé.

1.1 Technical Inspection, Parc Fermé and Post Inspection

- The complete team must report together to Technical Inspection before the first official practice session. All registered riders must present their helmet(s) and protective clothing for inspection, and the moped must be presented clean and in good condition. The moped must comply with the applicable technical rules throughout the entire event; this is the responsibility of the team.
- After passing Technical Inspection, the complete team must proceed directly to the official MopFest photo booth for the mandatory team photo.
- During the event, if there is any doubt about compliance with the regulations, a technical inspection may be ordered during the event, as a post inspection, and/or following a protest concerning the moped or engine block. The rider must cooperate with the inspection.
- From the moment a moped is presented for Technical Inspection, it must remain under Parc Fermé rules. Movement is permitted only for use on the circuit, within Parc Fermé, or for a major repair in the designated repair area in the parking lot. The moped must be completely switched off and moved by hand.
- Immediately after qualifying practice session(s) and race(s), all mopeds must be placed in Parc Fermé. One person must remain with the moped. Failure to comply may result in disqualification.
- Post inspection: mopeds may undergo a technical inspection after a practice session and/or race. This must be carried out as soon as possible and, in the case of an extensive inspection, must begin within 15 minutes after the end

of the relevant practice session and/or race. The rider and/or mechanics are required to actively cooperate.

- If selected, the participant must ensure that the moped is taken directly to the T.C. In all classes, this will always include the first three finishers as well as any additional mopeds selected by officials, up to a maximum total of 5 mopeds. All selected mopeds may be checked for noise and for the engine-related technical requirements described in these regulations.
- During post inspection, 1 mechanic and 1 rider may be present per moped. In addition to the technical officials, the Race Director also has access to the post inspection area.
- During the race, refueling must take place within Parc Fermé on an environmental mat supplied by the team. Refueling may be carried out by a maximum of two people. During refueling, the moped must be completely switched off and nobody may sit on the moped. Refueling may only be carried out from the 5-liter jerry can supplied by the organization. A team may bring additional fuel, but this fuel may not be poured directly into the moped.
- Technical faults must normally be repaired in the team's own pit box within Parc Fermé. The entire team may work on the moped. Only hand tools are permitted in the pit box. Electric, battery-powered, pneumatic, or otherwise powered tools and equipment are absolutely prohibited. Repairs requiring powered tools or welding must be carried out in the designated repair area in the parking lot. See Article 3.4.
- Mopeds selected for post inspection must be returned to Parc Fermé after the inspection and must remain there until released by the Race Director.

2. General Technical Regulations

2.1 Protective Clothing

- A full-face helmet with European approval is mandatory and must be in sound condition. The helmet may not show crash damage. Each rider must have their own helmet.
- A leather motorcycle suit is mandatory and must be in sound condition, with no holes or similar damage. The suit may consist of one or two pieces. If a two-piece suit is used, the two parts must be zipped or sewn together.
- Motorcycle boots are mandatory. Participation in any other type of footwear is not permitted.

2.2 Safety Wiring

All oil filler and drain plugs, oil lines, oil filters, oil passage seals, and filter covers must be secured against loosening with safety wire.

2.3 Fluid Catch Reservoir

Each chassis must be fitted with a transparent fluid catch reservoir that is functional and securely mounted. The reservoir must:

- Have a minimum capacity of 250 ml
- Be closable
- Be transparent
- Prevent the free discharge of fluids
- Have connections for at least the crankcase breather and carburetor overflow
- Be emptied before every practice session and race

2.4 Fuel Cap

The fuel cap must close securely and must be fitted with an O-ring or rubber seal so that it cannot leak. A fuel-tank vent is permitted, but it must be connected to the fluid catch reservoir.

2.5 Kill Switch

In all classes, an emergency stop device (kill switch) with a wrist lanyard must be fitted to the left side of the handlebar. When a fork unit is used, the installation must allow the fork to be removed smoothly. The kill switch must function at all times. If it does not function during inspection, a 5-minute time penalty will be imposed.

2.6 Handlebars / Control Levers / Footrests

- Minimum handlebar width is 45 cm.
- Open handlebar ends must be closed with solid material.
- Minimum steering movement is 15 degrees to each side.
- The ends of the control levers must be rounded (minimum 19 mm) or flattened to a minimum width of 14 mm.

- Footrests must be rigid or folding. Folding footrests must have a mechanism that always returns them to their original position. All footrests must be fitted with a plastic end cap or plug.

2.7 Noise Limits

98 dB(A) 6000 - 7000 rpm. Measurement is taken with the sound meter microphone positioned 50 cm from the end of the exhaust pipe, at an angle of 45 degrees to the longitudinal centerline of the silencer and at the same angle upward. The moped must be placed on a stand so that the rear wheel can rotate freely.

2.8 Tires

Tires must be approved for use on public roads and must have a minimum tread depth of 1.5 mm at the start of practice and the race. Tires marked 'not for highway use' are not permitted, with the exception of the Bridgestone BT 39 SS. Full slick tires are not permitted.

2.9 Tire Warmers

The use of tire warmers is not permitted.

2.10 Sharp Protruding Parts

Mopeds may not have any sharp protruding parts. Such parts must be covered. The following are also required:

- A sprocket guard at the engine block
- A guard for the rear sprocket

2.11 Race Numbers

Puchshop Cup 50cc Automatic Class

Background Red (RAL 3020)

Numbers White (RAL 9010)

Puchshop Cup 70cc Automatic Class

Background Yellow (RAL 1003)

Numbers Black (RAL 9005)

Endurance Legends

Background Green (RAL 6018)

Numbers White (RAL 9010)

Tomos up to 70cc Automatic Class

Background Black (RAL 9005)

Numbers White (RAL 9010)

A moped must have at least 1 race number on the front. A second and/or third number on the seat unit or fairing is optional. Minimum dimensions of the number:

Min. height 100 mm

Min. width 45 mm

Min. digit thickness 15 mm

Free space between digits 20 mm

2.12 Transponders

During the event, use of a transponder provided by the event is mandatory. Transponders will be issued on race day. Mounting instructions will be supplied together with the transponder. The transponder must be mounted correctly before the moped is presented for Technical Inspection.

3. Additional Provisions During the Event

During the event, safety must be maintained and a sporting attitude must be observed. The following rules have therefore been established, with corresponding time penalties when these rules are violated.

3.1 Inspection

As stated earlier, once the moped has been presented at Technical Inspection it remains subject to Parc Fermé rules. Movement is permitted only for use on the circuit, within Parc Fermé, and for major repairs in accordance with Article 3.4. Leaving Parc Fermé without an authorized reason results in immediate disqualification.

Each team will be assigned a pit box where the following are permitted:

- Hand tools and repair materials the team considers necessary for repairs to the race moped. Electric, battery-powered, pneumatic, or otherwise powered tools and equipment are absolutely prohibited in the pit box.
- The 5-liter jerry can supplied by the organization for refueling
- Only registered team members may be present in the pit box
- Spectators and other non-registered persons are not permitted in the pit box

During inspection, a marking will be applied to the engine block and cylinder. This marking must remain visible throughout the entire day. This means that:

- The crankcase may not be changed during the event
- The cylinder may not be changed during the event

The intention is therefore to use the same engine block throughout the entire day. Violation of this rule results in a 60-minute time penalty.

3.2 Parc Fermé / Pit Lane Refueling

Refueling during the event is only permitted in Parc Fermé. The following rules must be observed:

- Refueling may only be carried out from the 5-liter jerry can supplied by the organization. This jerry can is part of the starter package and will be issued during registration on the morning of the event. A team may bring additional fuel, but it must first be transferred into the supplied 5-liter jerry can before the moped is refueled.
- During every 60-minute race block, measured from the official race start time, each team must refuel at least once. If the race starts at 12:00, the first refueling stop must therefore take place during the race block from 12:00 to 13:00, the next during the block from 13:00 to 14:00, and so on. This will be monitored by the T.C.
- During refueling, the moped must be completely switched off and nobody may sit on the moped.
- Refueling may be carried out by a maximum of two people.

Violation of any one of these rules results in a 5-minute time penalty per violation.

3.3 Rider Changes

Rider changes take place in Parc Fermé. The following rules must be observed:

- During every 60-minute race block, measured from the official race start time, each team must complete at least one rider change. If the race starts at 12:00, the first rider change must therefore take place during the race block from 12:00 to 13:00, the next during the block from 13:00 to 14:00, and so on.
- All registered riders on a team must ride for at least one hour, unless the Race Director grants an exception, for example due to injuries resulting from a crash.
- If refueling takes place during a rider change, the rider change may take place while refueling is in progress.

If a rider is changed too late, a 10-minute time penalty will be imposed. If not all registered riders have ridden for at least one hour, the team will be disqualified.

3.4 Repairs and Mechanical Work

Repairs and mechanical work must normally be carried out in the team's own pit box within Parc Fermé. Only registered team members may be present in the pit box; spectators and other non-registered persons are not permitted. Only hand tools and repair materials the team considers necessary are permitted in the pit box. Electric, battery-powered, pneumatic, or otherwise powered tools and equipment are absolutely prohibited in the pit box. This prohibition includes, among other things, air compressors, electric or battery-powered tools, and welding equipment. If a repair requires powered tools or welding, the repair must take place in the designated repair area in the parking lot. The moped must be completely switched off and moved there and back by hand. The following rules apply:

- All team members may work on the moped at the same time
- The moped must be switched off while work is being carried out
- The moped must be on a paddock stand or held by 1 rider
- All work must be carried out on the environmental mat at all times

Violation of any one of these rules results in a 5-minute time penalty per violation.

3.5 Pit Lane

Riding is prohibited in the pit lane and Parc Fermé. At the beginning of the pit lane, the kill-switch wrist lanyard must be handed in and the moped must be walked or run by hand into the pit lane. At the end of the pit lane, the rider will receive a new wrist lanyard before returning to the track.

3.6 Application of Time Penalties

All time penalties incurred during the event will be applied after the finish flag. The average lap time over the entire race will be used to convert the time penalty into a number of laps. The corresponding number of laps will be deducted, with the number of laps rounded upward.

Calculation example:

- Time penalty incurred: 5 minutes for late refueling
- Average lap time: 1.5 minutes
- Lap deduction: $5 \text{ min} / 1.5 \text{ min} = 4 \text{ laps}$ deducted

3.7 After the Race

The winner of each class is determined by the highest number of race laps completed. This is recorded by the Race Director. Interim class standings will be available in Parc Fermé. A protest may be submitted up to 30 minutes after the finish of the race. After this period, the result determined by the Race Director is final. During these 30 minutes, all mopeds must remain in a closed area designated after the finish.

4. Technical Regulations - Puchshop Cup 50cc Automatic Class

4.1 General

In addition to these supplementary regulations, participating riders and mopeds must comply with the General Provisions and the General Technical Regulations. No deviation from these requirements is permitted.

4.2 Permitted Models and Configurations

Participation in this class is only permitted for Puch mopeds that were homologated for the market and originally intended for an E50 engine block, including front and rear suspension. Examples include the Maxi, Maxi-S, X-30, Z-one, Magnum(x), and similar models. Frame construction is otherwise unrestricted, provided it is based on and built from the aforementioned homologated E50 frames. Rims must have a minimum diameter of 16 inches and a maximum diameter of 17 inches.

4.3 Engine Block

The engine block must be a homologated E50 in all classes: a single-speed automatic with centrifugal clutch and chain drive to the rear wheel. Use of the ADDY 50-1 A Puch Maxi E50 crankcase is also permitted.

- Original crankcases supplied by Puch or an ADDY 50-1 A Puch Maxi E50 crankcase must be used. These crankcases may be machined.
- The crankshaft stroke must be 43 mm for every engine displacement.
- Oil coolers are not permitted.
- Clutch covers with cooling slots for airflow cooling are permitted, including covers that increase the oil capacity of the crankcase.

4.4 Cylinder and Cylinder Head

- Only an air-cooled cylinder designed and manufactured for Puch is permitted.
- Cylinders must be freely available on the market, meaning they must be available for purchase by any consumer.
- The cylinder head must be fully air cooled. The maximum combined dimension of the cylinder and cylinder head, measured across the cooling fins, may not exceed 170 mm.
- For a 50cc cast-iron cylinder, the diameter may not exceed 38.75 mm.
- For all other cylinders in 50cc configurations, the cylinder diameter is limited to 38.00 mm.
- No cooling spoilers may be attached to the cylinder, cylinder head, or engine block.

4.5 Intake System and Carburetor

Piston-port intake and reed-valve intake on the cylinder or crankcase are permitted. A carburetor is mandatory and may have a maximum diameter of 21 mm.

4.6 Exhaust

No part of the exhaust system may protrude behind the rear tire at any time while the engine is in use. The exhaust, not only the silencer, must be attached to the frame with at least 1 bolt.

5. Technical Regulations - Puchshop Cup 70cc Automatic Class

5.1 General

In addition to these supplementary regulations, participating riders and mopeds must comply with the General Provisions and the General Technical Regulations. No deviation from these requirements is permitted.

5.2 Permitted Models and Configurations

Participation in this class is only permitted for Puch mopeds that were homologated for the market and originally intended for an E50 engine block, including front and rear suspension. Examples include the Maxi, Maxi-S, X-30, Z-one, Magnum(x), and similar models. Frame construction is otherwise unrestricted, provided it is based on and built from the aforementioned homologated E50 frames. Rims must have a minimum diameter of 16 inches and a maximum diameter of 17 inches.

5.3 Engine Block

The engine block must be a homologated E50 in all classes: a single-speed automatic with centrifugal clutch and chain drive to the rear wheel. Use of the ADDY 50-1 A Puch Maxi E50 crankcase is also permitted.

- Original crankcases supplied by Puch or an ADDY 50-1 A Puch Maxi E50 crankcase must be used. These crankcases may be machined.
- The crankshaft stroke must be 43 mm for every engine displacement.
- Oil coolers are not permitted.
- Clutch covers with cooling slots for airflow cooling are permitted, including covers that increase the oil capacity of the crankcase.

5.4 Cylinder and Cylinder Head

Only an air-cooled cylinder with a maximum bore of 45 mm is permitted. The cylinder head may also only be air cooled. The maximum combined dimension of the cylinder and cylinder head, measured across the cooling fins, may not exceed 170 mm. No cooling spoilers may be attached to the cylinder, cylinder head, or engine block.

5.5 Intake System and Carburetor

Piston-port intake and reed-valve intake on the cylinder or crankcase are permitted. A carburetor is mandatory and may have a maximum diameter of 24 mm for this class. Any other intake system, as well as any fuel-injection system, is prohibited.

5.6 Exhaust

No part of the exhaust system may protrude behind the rear tire at any time while the engine is in use. The exhaust, not only the silencer, must be attached to the frame with at least 1 bolt.

6. Technical Regulations - Endurance Legends Automatic Class

6.1 Drive (Engine)

6.1.1 50cc two-stroke / 88cc four-stroke AIR-COOLED / AUTOMATIC!! (Type: Mobylette). Only naturally aspirated engines are permitted. The crankcase used must originate from a homologated 50cc AUTOMATIC approved for public-road use, including four-stroke applications, whose corresponding frame as originally sold has a minimum wheel diameter of 16 inches.

6.1.2 Crankcases or crankcase sections in which the variator and torque drive are incorporated into a single casting are not permitted. (Short belt-drive systems.)

6.1.3 On automatic systems equipped with a torque drive, the clutch must be located on the shaft/variator as originally configured by the manufacturer.

6.1.4 No device that allows the engine block to be tilted or that creates higher engine speed is permitted.

6.1.5 The ignition may not be reprogrammable. Ignitions with a maximum of two curves selectable by a switch are permitted.

6.1.6 No engine type with foot shifting or hand shifting is permitted (see 6.1.1), even if the gears have been removed. RD50-type engine blocks and similar units are not permitted.

6.1.7 Variators must be secured so that, in the event of breakage, they cannot fly off at full rotational speed.

6.2 Frame

6.2.1 Modifications to the chassis are permitted; however, the section from the steering head to the rear-suspension pivot point must remain original.

6.2.1.1 Exception - Peugeot: frames in which the horizontal frame tube between the tank and the vertical tube of the seat section has been properly replaced.

6.2.1.2 Exception - Camino: frames in which the horizontal frame tube between the tank and the vertical tube of the seat section has been properly replaced.

6.2.2 Participation with a frame assembled from multiple mopeds is permitted, provided the frame originates from a homologated moped with a minimum wheel diameter of 16 inches. The steering head, rear-swingarm pivot point, and the connecting tube or frame section must also remain original, as described in 6.2.1.

6.2.3 Wheel diameter: minimum 16 inches.

6.2.4 Suspension: configuration and choice are unrestricted, but the installed components must be sound and safe. Any installed or replacement suspension must function properly for its intended type.

7. Technical Regulations - Tomos up to 70cc Automatic Class

7.1 General

In addition to these supplementary regulations, participating riders and mopeds must comply with the General Provisions and the General Technical Regulations. No deviation from these requirements is permitted.

7.2 Permitted Models and Configurations

Participation in this class is only permitted for Tomos mopeds that were homologated for the market and originally intended for an A35/A55 engine block, including front and rear suspension. Examples include the A3, Flexer, Revival, and similar models. Frame construction is otherwise unrestricted, provided it is based on and built from the aforementioned homologated frames. Rims must have a minimum diameter of 16 inches and a maximum diameter of 17 inches.

7.3 Engine Block

The engine block must be a homologated A35/A55 in all classes: a one-speed or two-speed automatic with centrifugal clutch and chain drive to the rear wheel.

- Original crankcases supplied by Tomos must be used. These crankcases may be machined.
- The crankshaft stroke must be 43 mm for every engine displacement.
- Oil coolers are not permitted.
- Clutch covers with cooling slots for airflow cooling are permitted, including covers that increase the oil capacity of the crankcase.

7.4 Cylinder and Cylinder Head

Only an air-cooled cylinder with a maximum bore of 45 mm is permitted. The cylinder head may also only be air cooled. The maximum combined dimension of the cylinder and cylinder head, measured across the cooling fins, may not exceed 170 mm. No cooling spoilers may be attached to the cylinder, cylinder head, or engine block.

7.5 Intake System and Carburetor

Piston-port intake and reed-valve intake on the cylinder or crankcase are permitted. A carburetor is mandatory and may have a maximum diameter of 24 mm for this class. Any other intake system, as well as any fuel-injection system, is prohibited.

7.6 Exhaust

No part of the exhaust system may protrude behind the rear tire at any time while the engine is in use. The exhaust, not only the silencer, must be attached to the frame with at least 1 bolt.

8. Media, Photography, Video and Publicity

Photography, video recording, and audio recording will take place during the event. This includes, among other things, the mandatory team photo after Technical Inspection, footage on and around the circuit, in the pit lane, Parc Fermé, the paddock, and during podium ceremonies or other official parts of the event.

By registering for and participating in the event, each participant acknowledges that they may be recognizably photographed, filmed, and/or audio recorded during the event.

To the extent permitted by law, each participant grants MopFest, Puchshop, and Tomoshop, as well as media partners engaged by them, a worldwide, royalty-free, perpetual license to use, reproduce, edit, publish, distribute, display, and otherwise make available photographs, video recordings, and audio recordings in which the participant appears. This also includes use of the participant's name, team name, race number, voice, and likeness insofar as these form part of the relevant material.

The material may be used for purposes including event coverage, websites, social media, newsletters, press and media communications, aftermovies, historical archiving, and marketing and promotional purposes of MopFest, Puchshop, and Tomoshop. No additional compensation is due to the participant for such permitted use.

Participants understand that lawfully published material may remain available for an extended period, including through websites, social media, printed publications, archives, and third-party channels.

Nothing in this section limits any rights retained by a participant under mandatory privacy, data protection, or other applicable law. Additional information regarding the processing of personal data and the exercise of privacy rights will be provided in the privacy notice made available during registration.