



# Flat Track Motorcycles

## Technical Specifications

SECTION: T9-10

Version 1

## Section T9-10

### Flat Track Motorcycles Specification

- T9-10-1 A Flat Track Motorcycle must be derived from either a road legal or motocross motorcycle of which at least 200 machines of the same model must have been produced by the manufacturer. The responsibility lies with the competitor for proof (i.e. no one-off specials).
- T9-10-2 Frame**
- (a) Standard production Frame - Modifications allowed include alteration of steering head angle, engine position and swing-arm pivot position (up to 70mm in any direction). If the machine was manufactured post-1960 the swing-arm must be retained (rear suspension optional).
  - (b) Non Factory Production frames may be used but they must closely resemble the original frame. Steering head, swing-arm pivot and engine mounting positions only, may be altered by up to 70mm in any direction along the centreline of the frame from their original position on the original frame. Non factory production frames must be made of chrome-moly or mild steel seamless tubing of no less than 16 gauge (1.6mm) wall thickness.
- T9-10-3 Tank and Seat:**
- (a) Tank must be of a saddle design (unless original tank is different) and of a capacity of no less than 5 litres. The Flat Track Motorcycle must have an adequate seat (the rider's pants should not be able to touch the frame), with covered padding. Seat and tank must be secured firmly to the frame.
- T9-10-4 Forks**
- (a) Forks must be hydraulically damped telescopic type and must have straight stanchion tubes (i.e. steering geometry cannot be altered by bending any part of the fork's construction). If the fork caps protrude through the top yoke higher than the handlebar clamps, bars with a brace must be used. If the fork caps are higher than the handlebar brace, fork caps must be used.
- T9-10-5 Engine and Gearbox:**
- (a) Engine must be that of a road legal or Motocross motorcycle of which at least 200 machines of the same model have been produced by the manufacturer. Capacity to be no larger than 750cc. External appearance of the head, cylinder and crankcase cannot be altered. No turbo or superchargers allowed.
  - (b) Flat Track Motorcycle must retain an operational gearbox of no less than three gears.
- T9-10-6 Primary Cover**
- (a) The primary drive (engine to gearbox) must be fully enclosed.
- T9-10-7 Fuel: Commercially available pump gas is permitted.
- T9-10-8 Exhaust Pipe - If the silencer is not welded to the exhaust pipe it must be secured to the frame. Exhaust noise shall not exceed 95dba.
- T9-10-9 Rims and Tyres**
- (a) Rim sizes to be no greater than 21" front, 20" rear.  
Note: Interpretation of rule 'wheel sizes' - should a motorcycle have fitted as standard a front wheel of greater than 21" as in the case of a Honda XR500 A model, this is eligible. However these wheels cannot be fitted to other makes or other models of the same brand.
  - (b) Rear tyre must have either trials universal, speedway or road pattern tread (11mm max. tread depth, 9mm gap between knobs). Motocross tyres are not allowed.
- T9-10-10 Brakes**
- (a) An effective rear brake fitted. All cables, levers or hydraulics to front wheel brake must be removed.
- T9-10-11 Rear Mudguard**
- (a) A guard must be fitted over the top quarter of the rear wheel.
- T9-10-12 Handlebars**
- (a) No wider than 92cm. Grips not lower than top yoke and well clear of tank at full lock.
- T9-10-13 Racing Numbers (Refer also to Section T7)**
- (a) All motorcycles to have front numberplate 150mm in minimum diameter, (e.g. BMX type plastic number plate) Minimum figure dimensions: Figure height 100mm, Figure width 60mm, width of stroke 15mm, space between 2 figures 15mm, legible and of contrasting colours.
  - (b) Track Code Size: Letters to be at least 50mm high, with a stroke width of at least 7mm.
  - (c) Bibs or T shirts may be worn, but riders to have number on their back. All numbers must be legible and of contrasting colours.
- T9-10-14 Foot Rests**
- (a) Left-side footrest must be of the folding type if longer than 75mm. Right side footrest to be no lower than bottom main frame rail or bottom of original engine case and must be of the folding type if longer than 75mm.
- T9-10-15 Throttle Cut-Out**
- (a) A device must be fitted to ensure that the ignition can be interrupted. The device must be mounted on the handlebars, as close as practicable to the throttle and securely attached to the throttle operation wrist, by a cord, of non elastic material, no longer than 300mm fully extended.
  - (b) The interrupter must operate in the primary (low tension) circuit of the ignition system.
  - (c) All throttle controls must return closed when not held by the hand.