

# FANTIC FMOTOR





	Motore ventilazione forzata	Forced air-cooling	Réfrigérissement à air forcé	Gebläse-kühlung		Telaio monotrave	Single tube Frame	Cadre monopoutre	Rahmen Einrohr
	Motore ventilazione normale	Engine air-cooling	Réfrigérissement à air	Fahrt wind kühlung		Telaio a doppia culla	Double loop Frame	Cadre double berceau	Doppel Schleifen-rahmen
	Consumo	Fuel consumption	Consommation	Verbrauch		Comandi	Controls	Commandes	Betätigungs
	Alesaggio e corsa	Bore and stroke	Alésage et course	Hub x Bohrung		Ammortizzatori idraulici	Hydraulic shock Absorbers	Amortisseurs hydrauliques	Hydraulische Stoßdämpfer
	Cilindrata	Displacement	Cylindrée	Hubraum		Ammortizzatori meccanici	Telescopic shock absorbers	Amortisseurs télescopiques	Teleskop Stoßdämpfer
	Potenza	Power	Puissance	Leistung		Forcella teleidraulica	Telehydraulic fork	Fourche téléhydraulique	Hydraulische Gabel
	Compressione	Compression ratio	Compression	Verdichtungs-verhältnis		Forcella meccanica	Telescopic fork	Fourche télescopique	Teleskop Gabel
	Carburatore	Carburettor	Carburateur	Vergaser		Ruote integrali	Integrals wheels	Roues intégrales	Alugußrad
	Lubrificazione	Lubrication	Lubrification	Schmierung		Ruote a raggi	Spokes wheels	Roues à rayons	Speichenrad
	Accensione elettronica	Electronic Ignition	Allumage électronique	Electronische Zündung		Pneumatici	Tyres	Pneus	Reifen
	Accensione a contatti	Contact Ignition	Allumage par Contacts	Kontakt Zündung		Freni a disco	Disc brakes	Freins à disque	Scheiben-bremse
	Impianto elettrico	Electrical system	Equipment électrique	Elektrische Ausrüstung		Freni a tamburo	Drum brakes	Freins à tambour	Trommel-bremse
	Avviamento a kickstarter	Kick Starting	Démarrage par kickstarter	Anlasser mit kickstarter		Serbatoio	Fuel tank	Réservoir	Tank
	Avviamento a pedali	Pedals Starting	Démarrage par pédales	Anlasser mit pedalen		Peso	Wheight	Poid	Gewicht
	Trasmissione	Transmission	Transmission	Kraftüber-tragung		Velocità	Speed	Vitesse	Höchstgesch-windigkeit
	Cambio a 4 rapporti	Gearbox 4 speed	Boite à 4 vitesses	Getriebe 4 gang		Pendenza	Hill climbing	Pente	Steigfähig-keit.
	Cambio a 6 rapporti	Gearbox 6 speed	Boite a 6 vitesses	Getriebe 6 gang		Prezzo	Price	Prix	Preis

# FANTIC FMOTOR

Sede v. Parini 3  
22061 Barzago (Co) Italy  
Tel. (031) 860.281 - 282 - 283  
Telex 380448 Fantic I



**CABALLERO 50<sub>cc</sub>**

REGOLARITÀ COMPETIZIONE

## TECHNICAL SPECIFICATIONS

(FANTIC 160.00.1603 - CABALLERO 50 cc. R.C.)

### NOVELTIES



Newly designed mudguard with incorporated tail lamp.

### OPTIONAL



Hydropneumatic shock absorbers.

- Engine** : 2-stroke single cylinder, cylinder in light alloy with radial-headed liner
- Bore and stroke** : 38.8 x 42 mm .
- Displacement** : 49.6 cc.
- Brake Horse power** : 8.82 KW (12 HP) at 13,000 r.p.m.
- Torque** : 6.86 Nm (0.7 Kgm) at 12,250 revs/1'
- Compression ratio** : 15 : 1
- Ignition sistem** : electronic 6 V 18 W
- Carburettor** : MIKUNI SE VM 26 with direct starter control and silenced induction with foam filter, air intake below saddle...
- Frame** : Double cradle with special, highly resistant steel casing, with engine cover plate, mudguards in unbreakable plastic.
- Lighting** : Flywheel magneto with stop light controlled by brake pedal.

- Suspensions** : Front with hydraulic fork Fantic; travel: 170 mm., rear with gas shock absorbers adjustable to 5 positions, pump travel: 124 mm. (on request with HYDROCROSS shock absorbers).
- Wheel Rims** : Front: aluminium WM '1 x 21"', rear: WM' 2 x 18".
- Hubs** : Conic in light alloy assembled on bearings with drum brake incorporated with extractable pin, braking  $\varnothing$ : 124 mm.
- Lubrication system** : Petrol oil mixture 2% (50 : 1) of CASTROL BIOLUBE syntetic oil.
- Starting** : With kick starter.
- Transmission** : Primary: helicoidal gears Secondary: with 1/2 x 5/16" chain
- Gearbox** : 6 speed «REGOLARITA'» with oil bath multidisk clutch
- Tyres** : Front 2.50 x 21" rear: 3.50 x 18"
- Fuel tank** : In thermoplastic resin; capacity: lt. 6.5 including reserve
- Idle weight** : Kg. 80
- Max speed** : In 6th gear over km/h 90 with adjustability ratio
- Surpassable slope** : Until the motor-cycle overturns

# FANTIC FMOTOR

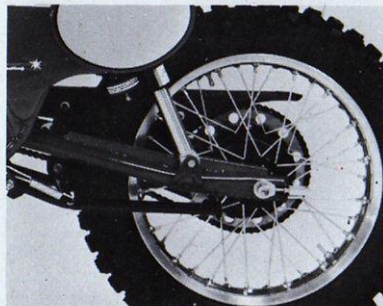
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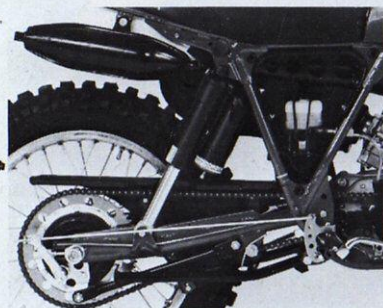
**CABALLERO 125 cc**

REGOLARITÀ COMPETIZIONE

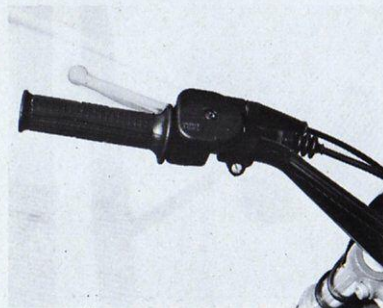
## NOVELTIES



Newly designed banana-shaped rear fork.



Hydropneumatic shock absorbers.



Horizontal flow gas control parallel to handlebar.

## TECHNICAL SPECIFICATION (FANTIC 150.00.2601) - CABALLERO 125 cc. R.C.)

<b>Engine</b>	: 2-stroke single-cylinder in aluminium with chrome cylinder liner	<b>Wheels</b>	: Rims: front WM/1 x 21", rear WM/3 x 18" in aluminium, front conic hubs $\varnothing$ 125, rear $\varnothing$ 140 mm.
<b>Displacement</b>	: 124.4 cc.	<b>Lubrication system</b>	: Petrol oil mixture 2% (50 : 1) of CASTROL BIOLUBE synthetic oil
<b>Bore and stroke</b>	: 55.2 x 52 m.	<b>Ignition system</b>	: Electronic 6 V - 30 W
<b>Brake Horsepower</b>	: HP 26 DIN at 10,500 r.p.m.	<b>Starting</b>	: With kick starter.
<b>Compression ratio</b>	: 14.5 : 1	<b>Transmission</b>	: Primary, straight toothed gearing; secondary, 1/2 x 5/16" chain
<b>Carburettor</b>	: DELL'ORTO PHBE 32BS with direct starter control and silenced induction with foam filter, air intake below saddle.	<b>Gearbox</b>	: 6 speed REGOLARITA' with oil bath multidisk clutch
<b>Frame</b>	: Double cradle with special, highly resistant steel casing, steering series assembled on tape rolling bearings, engine cover plate.	<b>Tyres</b>	: Front 3.00 x 21", rear 4.00 x 18"
<b>Controls</b>	: MAGURA	<b>Fuel tank</b>	: In fibreglass, capacity: lt. 8 including reserve
<b>Suspensions</b>	: Front with telehydraulic fork; travel: 220 mm; rear with HYDRO CROSS shock absorbers	<b>Idle weight</b>	: Kg. 96
<b>Lighting</b>	: At 6V 30W flywheel magneto with brake pedalcontrolled stop light	<b>Max. Speed</b>	: In 6th gear over 120 Km/h with REGOLARITA' ratio
		<b>Surpassable slope</b>	: Until the motor-cycle overturns

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## TRIAL 200

## TECHNICAL SPECIFICATIONS

(FANTIC 350.00.3500 - TRIAL 200)

<b>ENGINE:</b>	aluminium single cylinder with chromium liner - 2 stroke.	<b>GEARBOX:</b>	"TRIAL" 6 speed with clutch multiple discs in oil bath.
<b>DISPLACEMENT:</b>	156,99 cc.	<b>FRAME:</b>	special double loop high resistance steel tube frame, skid plate, unbreakable plastic mudguards.
<b>BORE AND STROKE:</b>	62 x 52 mm.	<b>SUSPENSIONS:</b>	"FANTIC" front telehydraulic fork, travel 175 mm., with fork leg $\varnothing$ 35 mm., rear swing arm with adjustable in 5 position hydraulic shocks.
<b>BRAKE HORSEPOWER:</b>	10,66 KW (HP 14,5 DIN) at 5.750 r.p.m.	<b>LIGHTING:</b>	by flywheel magneto 6V 35W, stop light operated by rear brake.
<b>TORQUE MAX:</b>	18,86 Nm (1,923 Kgm) at 5.500 r.p.m.	<b>WHEELS:</b>	light alloy rims front WM/1 x 21", rear WM/2 x 18", aluminium conical hub with brake drum $\varnothing$ 125 mm. front and rear.
<b>COMPRESSION RATIO:</b>	10,5 : 1	<b>TYRES:</b>	"TRIAL" 2.75 x 21" front, 4.00 x 18" rear.
<b>CARBURETTOR:</b>	DELL'ORTO PHBL 25 BS direct controlled choke with special silenced air intake with foam air cleaner.	<b>FUEL TANK:</b>	thermoplastic resin, capacity 1 gallon (lt. 4,5) with reserve.
<b>LUBRICATION SYSTEM:</b>	petrol-oil mixture 2% (50 : 1) of CASTROL 2T.	<b>WEIGHT:</b>	191 pounds (Kg. 87).
<b>IGNITION SYSTEM:</b>	electronic ignition 6V 35W.	<b>MAX SPEED:</b>	60 M.p.H.
<b>STARTING:</b>	kick starter lever.	<b>SURPASSABLE SLOPE:</b>	Until the motor-cycle overturns.
<b>TRANSMISSION:</b>	primary drive by gears Z=23/65, ratio 1 : 2,826; secondary chain 1/2 x 5/16" Z=11/53, ratio 1 : 4,818.		



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## TRIAL 125 cc

## TECHNICAL SPECIFICATIONS

(FANTIC 250.00.2501 - TRIAL 125)

**Engine:** type «FANTIC 250» aluminium single cylinder with chromium liner - 2 stroke.

**Displacement:** 124,4 cc

**Bore and stroke:** 55,2 x 52 mm.

**Brake horsepower:** HP 12 DIN at 5.500 r.p.m.

**Compression ratio:** 12 : 1

**Carburettor:** DELL'ORTO PHBL 24 BS direct controlled choke with special silenced air intake with foam air cleaner.

**Lubrication system:** petrol-oil mixture 2% (50 : 1) of CASTROL 2T.

**Ignition system:** electronic ignition.

**Starting:** kick starter lever.

**Transmission:** primary drive by gears  $Z=21/67$ , ratio 1 : 3,190; secondary chain  $1/2 \times 5/16''$   $Z=11/53$ , ratio 1 : 4,81.

**Gearbox:** «TRIAL» 6 speed with clutch multiple discs in oil bath.

**Frame:** special double loop high resistance steel tube frame, skid plate, unbreakable plastic mudguards.

**Footrest:** folding type «FANTIC».

**Suspensions:** front teleydraulic fork, rear swing arm with adjustable hydraulic shocks.

**Lighting:** by flywheel magneto 6V 33W, stop light operated by rear brake.

**Wheels:** aluminium rims front WM/1 x 21'', rear WM/2 x 18'' with front drum  $\varnothing$  123,5 mm. and rear  $\varnothing$  124 mm. Anodized gold aluminium rear sprocket.

**Tyres:** PIRELLI «MOTOTRIAL» 2.75 x 21'' front, 4.00 x 18'' rear.

**Fuel tank:** thermoplastic resin, capacity 1.3 gallon (lt. 6,2) with reserve.

**Weight:** 185 pounds (Kg. 79).

**Max speed:** 60 M.p.H.

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## TRIAL 50 cc

## TECHNICAL SPECIFICATIONS

(FANTIC 330.00.3300 TRIAL 50)

**ENGINE** : 2 stroke, aluminium single cylinder with chromium liner - light alloy cylinder head.

**DISPLACEMENT** : 49,74 cc.

**BORE AND STROKE**: 41 x 37,7.

**BRAKE HORSEPOWER** : HP 6 DIN at 7.800 r.p.m.

**TORQUE MAX** : Kgm. 0,51 at 7.250 r.p.m.

**COMPRESSION RATIO** : 11 : 1.

**CARBURETTOR** : DELL'ORTO SHA 14/12 with semi-automatic choke and special silenced air intake with foam air cleaner.

**LUBRICATION SYSTEM** : petrol-oil mixture 2% (50 : 1) of FIAT : MOTO 2T or CASTROL SUPER T.T.

**IGNITION SYSTEM** : electronic ignition.

**STARTING** : kick starter lever.

**TRANSMISSION** : primary transmission by gears, ratio 1 : 5,42; secondary by chain 1/2x3/16", ratio 1 : 4,25.

**GEARBOX** : « TRIAL » 6 speed with clutch multiple discs in oil bath.

**FRAME** : upper front side single strong tubular steel, lower side in special double loop frame, taper roller bearing steering head, skid plate, mudguards unbreakable material plastic.

**SUSPENSIONS** : front teleydraulic fork, with fork leg  $\varnothing$  30 mm., rear swing arm with adjustable hydraulic shock absorbers.

**LIGHTING** : flywheel magneto 6V 18W.

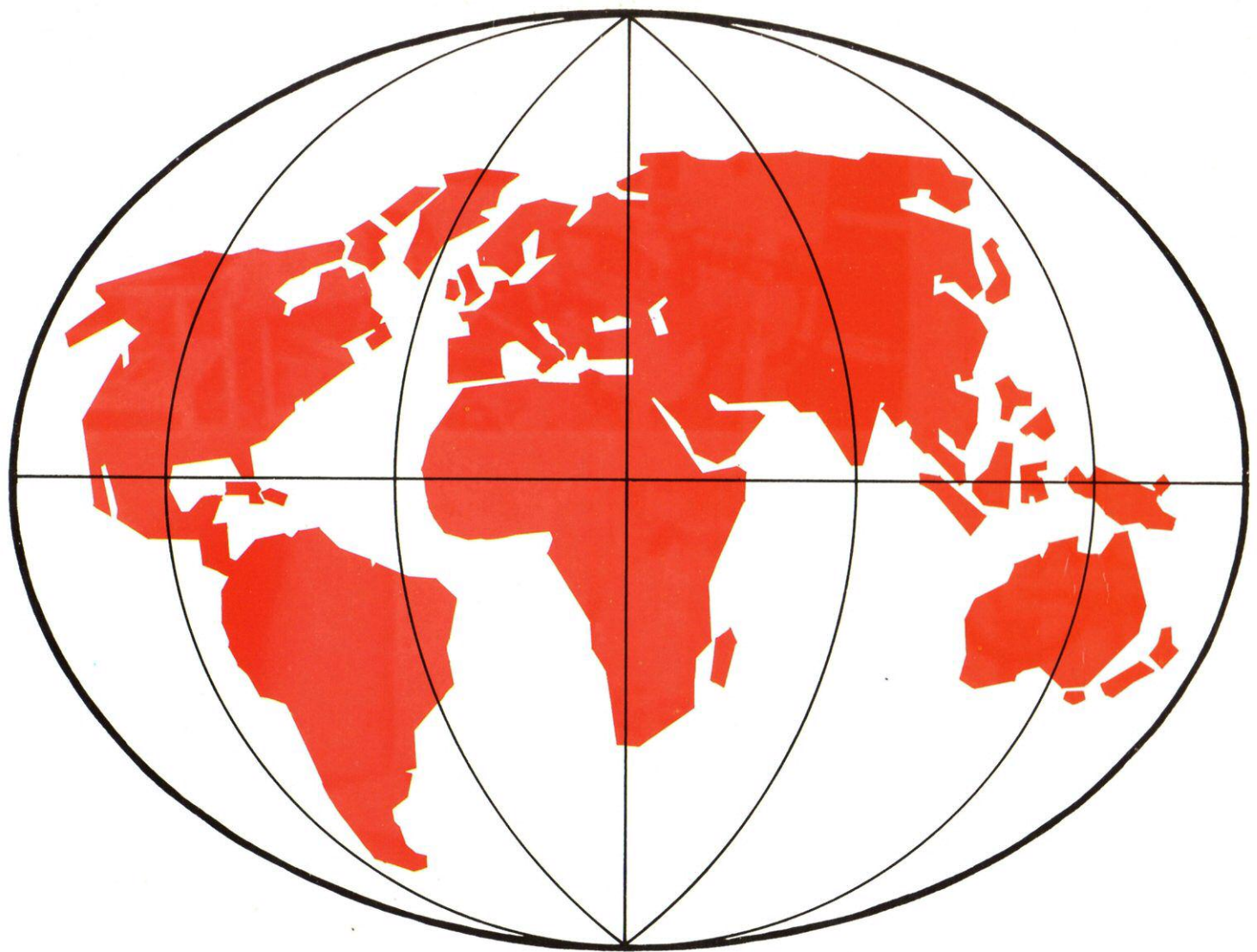
**WHEELS** : aluminium rims front 21", rear 18". Aluminium cylindrical hubs with brake drum incorporated  $\varnothing$  118 mm. front,  $\varnothing$  124 mm rear.

**TYRES** : 2.50 x 21" front, 3.50 x 18" rear.

**FUEL TANK** : thermoplastic resin, capacity lt. 4,7 with reserve.

**WHEIGHT** : 67,5 Kg.

**MAX SPEED** : 71 Km/h.



FANTIC LEI  
automatic

FANTIC RALLY  
automatic

FANTIC ISSIMO  
super confort

FANTIC ISSIMO  
convert

FANTIC SUPER ROCKET  
4 speed



FANTIC GRAN TURISMO  
50 c.c. standard four

FANTIC CABALLERO  
4 & 6 speed

FANTIC CABALLERO 50 c.c.  
super 6, casa

FANTIC CABALLERO 50 CC  
regolarità corsa



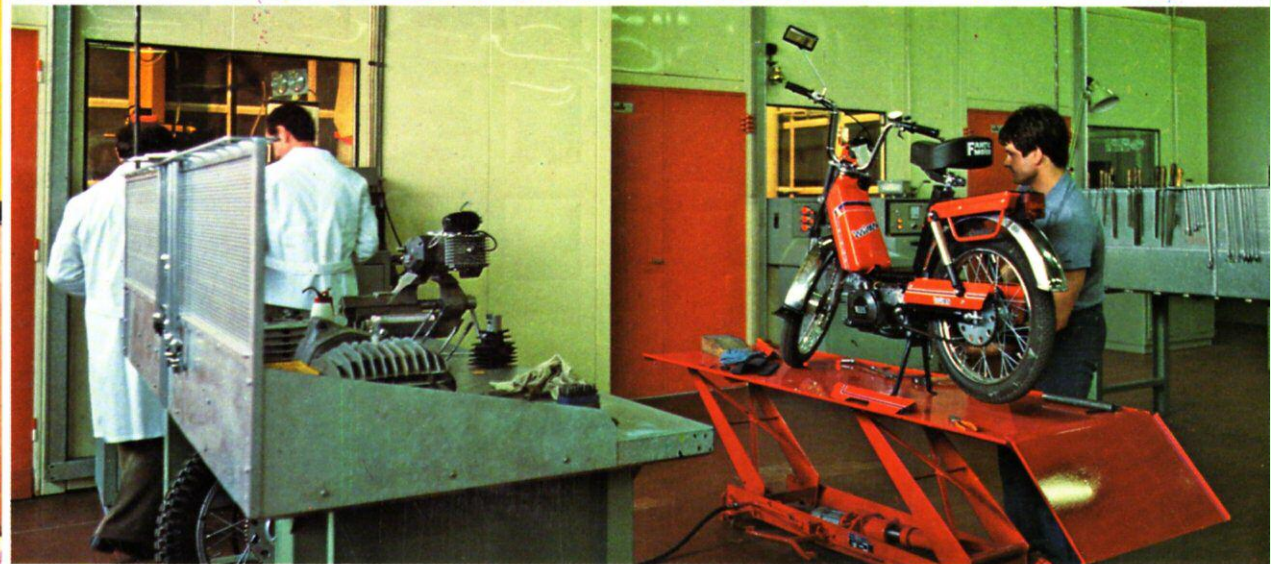
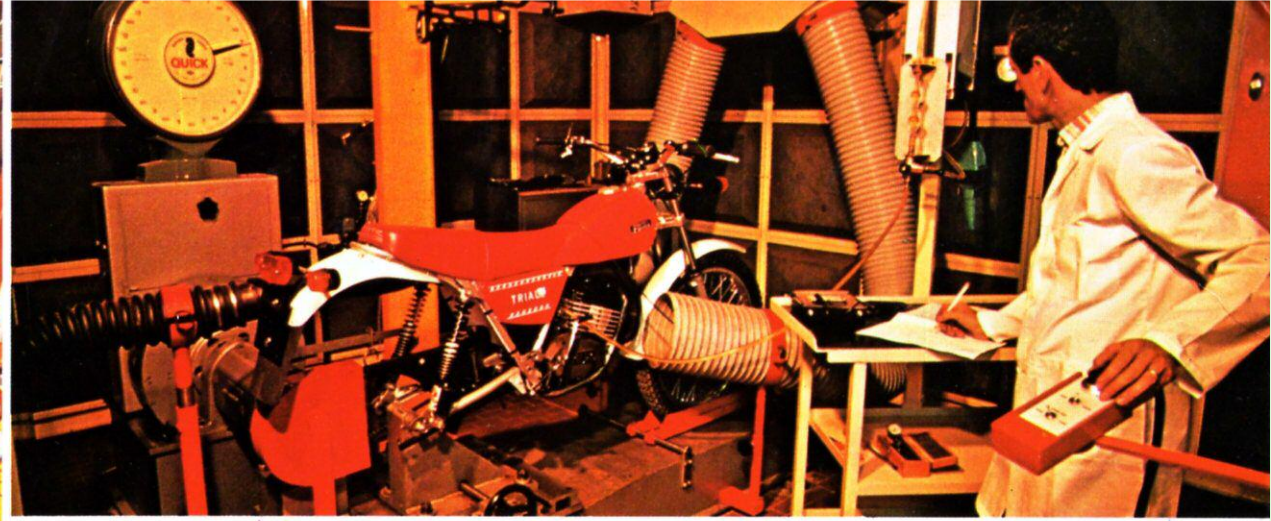
FANTIC CABALLERO 125 c.c.  
regolarità corsa

FANTIC TRIAL 50 c.c.  
sport & professional

FANTIC TRIAL 125 c.c.  
professional

FANTIC TRIAL 200 c.c.  
professional





CONCESSIONARIO  
CONCESSIONNAIRE  
DEALER  
FACHHÄNDLER