

S19

2026 MODELS



THE NEXT EVOLUTION OF SPEED

birelart

2026 MODELS



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www.birelart.com

#RACEWITHUS

- ▶ KZ LINE
- ▶ OK LINE
- ▶ MINI LINE
- ▶ ROTAX LINE

HISTORY, PASSION & RACING SENSATION

birelart

A Korus company

FFE





RONNI SALA CEO

THE INITIAL THAT CHARACTERIZES THE NEW MODELS FOR 2026 WILL BE S19.



"Starting from the S18 models, also for this racing season we have conducted an important development activity aimed at optimizing the overall performance of the kart.

The intervention has involved the evolution of the frame geometry, using new materials with improved mechanical characteristics and revising of some accessory components.

New technical details have also been introduced, projected to increase the products dynamic efficiency and construction quality of the products. The results obtained on track, both nationally and internationally, confirm the validity of the work made".

We present you the new developments of the 2025 season that will be introduced in the Birelart - Freeline karts and products for the 2026 season.

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NEW PARTS:



NEW BUSHING HI TECH

A new, single-piece caster and camber adjustment bushing has been developed and tested. This new design simplifies adjustments by allowing quick and easy changes from the top of the "C" stub axle, eliminating the need for lower eccentrics. It provides a range of +/- 4 degrees for caster and approximately 12/14 mm of adjustment from positive to negative for camber. This new bushing will be fitted as standard on DD, SH, and DD2 karts.



NEW GRAPHIC STICKERS

Like every year we revised the graphic try to give an always more aggressive, modern, and recognizable look that distinguishes the Birelart brand.



ACCELERATOR PEDAL STOP

A component used mainly in two-stroke engines, to limit or prevent the engine from accelerating under certain conditions. Its primary function is to block or restrict the movement of the accelerator pedal when the kart should not accelerate fully. It is used to control and limit acceleration in specific situations, enhancing both safety and engine management.



STEERING COLUMN HI TECH

New steering column with 10mm bearing
10.17729.00
STEERING COLUMN RACING
d.10 L490 HI TECH



SIDE PODS

To reduce cantilever weights, improve the aerodynamic efficiency and a new look, were studies and developed the new Freeline side pods mod. AERO, homologation 007-BS-20.

DISCOVER ALL THE DETAILS ON:

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KZ LINE



For the shifter categories (SH) different types of frames have been defined to cover all the different characteristics found with different types of tires and tracks in the various national and international championships.

RY30-S19 SH

Homologation N° 007/CH/10

- Unlike the single-gear, the frames vary not only in materials but also in geometry.
- The acronyms of the various are printed inside the tank fixing plate.
- The steering column uniball sit has been modified to accommodate a more resistant 10mm diameter ball joint.

*** FRAME RY30 S19 AVAILABLE**

- STANDARD: base model S18
- PA: frame STD with "special" support axle bearing (more grip)
- PA2: frame softer with "special" support axle bearing
- 6: frame more rigid ideal with standard support axle bearing

RY32-S19 SH

Homologation N° 007/CH/12

*** FRAME RY32 S19 AVAILABLE**

- RY32 S19 standard : base model S18
- PA: frame STD with "special" support axle bearing (more grip)



RY30-S19 SH
RY32-S19 SH

S19 SERIES **birelart**

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OK LINE



For the single-gear (DD) different types of frames have been developed based on the standard RY30 and RY32 frames, trying to maximize all the performances based on to various characteristics and types of tires and engines.

RY30-S19 DD

Homologation N° 007/CH/10

- The substantial difference between the various version is in the material, therefore not visible to the naked eye but recognizable to an acronym printed inside the tank fixing plate.
- The steering column uniball sit has been modified to accommodate a more resistant 10mm diameter ball joint.

*** FRAME RY30 S19 AVAILABLE**

- STANDARD: base model S18
- P4: frame more rigid ideal for the categories with medium-hard tires
- V2: frame more flexible ideal for medium-soft tires
- G: frame more soft ideal for track very slippery

RY32-S19 DD

Homologation N° 007/CH/12

*** FRAME RY32 S19 AVAILABLE**

- STANDARD: base model S18
- V5: frame more flexible ideal for medium-soft tires



RY30-S19 DD
RY32-S19 DD

S19 SERIES **birelart**

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MINI LINE



C28-S19 - Homologation CIK-FIA 007-CH-92

The S19 frame will be based on the special version used in 2025, called the "S," which is sliding than the standard version. Furthermore, the rear ride height has also been changed, which will be "+ 4 mm" by default. In addition to the standard version "S", a "T" version will also be available, which has greater sliding as its characteristic.

- Mini spindle has a different lever that offers the option of different Ackerman angles to improve sliding; it also allows for greater height adjustment on the frame.
- New graphic



BABY LINE

B25 Baby Racing Kart

With the Birelart B 25 Baby Racing Kart, a six-year old can already join the track to get used to straights and driving techniques. The chassis is made with 25 mm tubes, adopts aluminium hubs, HQ disk carriers and crown carriers. The B 25 BABY model includes the 2t 50 cc motor while the brake system is mechanical with 200 mm disks.



01

L28-CY

A model for junior categories with the best quality-price ratio. A conventional, well tested model with 28 mm rails, characterised by a rounded design of the bodywork's frontal section, near the tank. The bodywork is last-generation (Fik 05).

02

AR28-Y

The AR28 has been revised and will have as main characteristic the adjustment of the rear in three different positions. It will have, as series, the new 'C' of spindles for housing the eccentric bushing for a better adjustment of camber & caster as in the 'Racing' models.

03

AM29-Y

Frame with mixed tubes of \varnothing 28mm and 30mm, the main characteristic of the AM29-Y is the possibility of the wheel base adjustment in the position 1020 – 1030 – 1040mm. This allow an important versatility of this kart to its better adaptability to different categories, especially to the ones with very low power and medium - hard tires.

ROTAX LINE



As every year, the **GRAPHICS** have been **renewed** to give a more aggressive and modern look, this year featuring the new logo as well.

RY30 RX-S19 DD2

Homologation 007/CH/10

● New geometry of the frame RY32RX-S16 - DD2. ● New support axle bearing in forged aluminum. ● New front brake system RR-EVO.

RY32 RX-S19 DD2

Homologation 007/CH/12



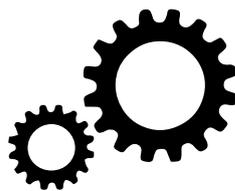
RY30 RXS19 DD2
RY32 RX-S19 DD2

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TECHNICAL CHART



	RY30-S19 DD	RY32-S19 DD	RY30-S19 SH	RY32-S19 SH	C28-S19
FRONT STABILIZER	STANDARD	STANDARD	STANDARD	STANDARD	OPTIONAL
REAR STABILIZER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
Ø TUBES	30	32	30	32	28X2
WHEEL BASE	1045	1045	1045	1045	950
REAR WIDTH	635	635	645	645	595
FRONT WIDTH	715	730	730	730	640
LENGTH	1510	1510	1510	1510	1305
AXLE	50X2X1020 F	50X2X1040 F	50X2X1040 F	50X2X1040 F	30X5X960 F
Ø SPINDLE	25 EVO	25 EVO	25 EVO	25 EVO	17 - L 150
REAR BRAKE	HYDRAULIC 1FL 32X2	HYDRAULIC 1FL 32X2	HYDRAULIC RR 25	HYDRAULIC RR 25	HYDRAULIC 1RR
REAR BRAKE DISC	180X16 G	180X16 G	180X16 G	180X16 G	150X12 G
FRONT BRAKE	//	//	HYDRAULIC RR 25 EVO	HYDRAULIC RR 25 EVO	//
FRONT BRAKE DISC	//	//	150X12 G	150X12 G	//
TANK CAPACITY	10 LIT CA	10 LIT CA	10 LIT CA	10 LIT CA	4 LIT CA
STEERING WHEEL	Ø 340	Ø 340	Ø 340	Ø 340	Ø 320
DISK CARRIER	50 ALL. HQ EVO	50 ALL. HQ EVO	50 ALL. HQ EVO	50 ALL. HQ EVO	30 ALL. HQ
CROWN CARRIER	50 ALL. HQ EVO	50 ALL. HQ EVO	//	//	30 ALL. HQ
FRONT HUBS	85 ALL. Ø 85 MG.	85 ALL. Ø 85 MG.	85 ALL. Ø 85 MG.	85 ALL. Ø 85 MG.	OPTIONAL
REAR HUBS	50X90 EVO	50X90 EVO	50X100 ALL. HQ EVO	50X100 ALL. HQ EVO	30X50 ALL. HQ
WHEELS	DF130 + DF210 M	DF130 + DF210 M	DF130 + DF210 MG	DF130 + DF210 MG	CR 115+DR 150 A/MG
FRONT PODS	KG 509	KG 509	KG 509	KG 509	KG MK20
FRONT PANEL	KG 509	KG 509	KG 509	KG 509	KG MK27
SIDE PODS	FREELINE AERO	FREELINE AERO	FREELINE AERO	FREELINE AERO	FREELINE MINI AERO
REAR PODS	KG C3	KG C3	KG C3	KG C3	HULK

DISCOVER ALL THE MODELS

B25 BABY RACING	L28-CY	AR28-Y	AM29-Y	RY30/32 RX-S19 DD2
//	//	STANDARD	STANDARD	STANDARD
//	//	OPTIONAL	OPTIONAL	//
25	28	28	28/30	30/32
780	900	1010	1020/1030/1040	1045
525	608	580	600	635
550	600	640	710	715
1240	1270	1465	1510	1510
25X880 B	25X960C	40X3X1000 F	40X3X1000 F	40X2X1040 F
17	//	17 L 150	17 L 150	25
MECHANICAL	HYDRAULIC 1R	HYDRAULIC 1B	HYDRAULIC 1B	HYDRAULIC 3RR
166X5 INOX	166X5 INOX	W 66X180X8 A	W 66X180X8 A	180X16 G
REAR	REAR	REAR	REAR	REAR+FRONT
//	//	//	//	150X12 G
//	4 LIT CA	8,5 LIT CA	8,5 LIT CA	10 LIT CA
Ø 300	Ø 320 BIREL ART	Ø 320	Ø 320	Ø 340
25 HQ	25 HQ	40 HQ	40 HQ	40 ALL. HQ
//	//	//	//	//
//	//	//	70 HQ	85 ALL. OR 85 MG.
25X50 ALL. HQ	25X50 A	40X100 ALL. HQ	40X100 ALL. HQ	40X90 ALL. OR MG.
CR 115+DR150 A	ALL. CR115+DR150	MAG. CR130+DR210	CR130+DR210	DF130+DF210 M
B 25	KG MK14	KG 507	KG 509	KG 509
B 25	KG MK20	KG 508	KG 509	KG 509
B 25	FL MINI	FL EVO	AERO	AERO
FL 09/14 MINI	FL MINI	KG C3	KG C3	KG C3



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