

# TIME

**HISTORY, PASSION & RACING SENSATION**

# SF5

***birel*ART**

**2023 CHASSIS**

**!**

**KZ Line**

**OK Line**

**MINI Line**

**ROTAX Line**



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# S15

## NEW KARTS FOR SEASON 2023

● KZ RANGE ● OK RANGE ● MINI RANGE

#RACEWITHUS



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RONNI SALA  
PRESIDENT

**THE INITIAL THAT  
CHARACTERIZES  
THE NEW MODELS  
FOR 2023  
WILL BE S15.**

**birel** ART  
*Racing*



**THE ACRONYM THAT CHARACTERIZES  
THE NEW MODELS FOR 2023 WILL BE S15.**

Based on the S14 models we have further implemented and refined different technical details and we introduced new accessories to improve and simplify the use.

A handwritten signature in black ink, likely belonging to Ronni Sala, with a horizontal line underneath.

## TECHNICAL NOVELTIES

Based on the S14 models we have further refined and improved the performance as well as different technical details that improve and simplify the use and management.

### **NEW PARTS:**



#### **PEDALS**

New FreeLine MINI pedals of the HI-TECH line will be in forged aluminum with the characteristic of greater sturdiness and will offer various position adjustments to be able to adapt to the different needs and characteristics of each driver.



#### **BRAKE**

KZ chassis will be equipped with the new front brake system I25x2 RR EVO that has been tested during the 2022 season, characterized by a greater braking power that generates a better balance and a better performance.



**FUEL PIPE GUIDE**

All the S15 karts will have a new fuel pipe guide fixed directly on the petrol tank.

**CHAIN GUARD**

New FreeLine chain guard has been designed and realized for the KZ category. It will be a standard accessory on the CRY model.

**SEAT**

New FreeLine seat with a grey texture will be found in every model, its characteristic is a better flexibility.

**CROWN CARRIER** *OPTIONAL*

New floating crown carrier that, transmitting lower tension to the engine, allows a better function and a lower consumption of the chain.  
Available in Ø 50 - 40 - 30.



## KZ LINE



As every year the GRAPHICS have been renewed to give a more aggressive and modern look, including the sponsors.

### CRY30-S15

*Homologation N° 007/CH/10*

- No difference in the geometry of the frames
- New front fixing for the floor panel
- New front brake system RR-EVO
- New graphic

### CRY32-S15

*Homologation N° 007/CH/12*



**CRY30-S15**  
**CRY32-S15**

S15 SERIES **birelART**

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01



02



03



# OK LINE



As every year the **GRAPHICS** have been renewed to give a more aggressive and modern look, including the sponsors.

## **RY30-S15**

**Homologation N° 007/CH/10**

- Upgrade in the geometry and materials of the frames.
- New front fixing for the floor panel.
- New graphic.

## **RY32-S15**

**Homologation N° 007/CH/12**

- No difference in the geometry of the frames.
- New front fixing for the floor panel.
- New graphic.





**RY30-S15**  
**RY32-S15**

S15 SERIES **birelART**

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## MINI LINE



### C28 S15

*Homologation – New international Homologation CIK-FIA 007-CH-92*

- Upgrade of the frame - NEW FRONT BUMPER ● New layout of stickers



## BABY LINE

### B25 Baby Racing Kart

With the Birel ART 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 review to give an aggressive and elegant look, including the sponsors.

### CRY30 RX-S15-DD2

*Homologation 32/CH/20 (Expiry 2021)*

### CRY32 RX-S15-DD2

*Homologation 007/CH/12*

- Upgrade geometry of the frame (position of seat support)
- New steering column FL-HI TECH
- New support steering column FL-HI TECH (patented)
- New system for footrest adjustment
- New petrol tube guide
- New layout of stickers.





CRY30 RX-S12-DD2  
CRY32 RX-S12-DD2

01



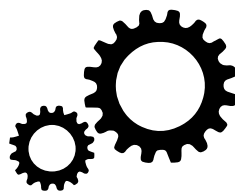
02



03



# TECHNICAL CHART



	CRY30-S15	CRY32-S15	RY30-S15	RY32-S15	C28-S15
<b>FRONT STABILIZER</b>	STANDARD	STANDARD	STANDARD	STANDARD	OPTIONAL
<b>REAR STABILIZER</b>	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
<b>Ø TUBES</b>	30	32	30	32	28x2
<b>WHEEL BASE</b>	1045	1045	1045	1045	950
<b>REAR WIDTH</b>	645	645	635	635	595
<b>FRONT WIDTH</b>	725	715	715	715	640
<b>LENGTH</b>	1510	1510	1510	1510	1305
<b>AXLE</b>	50x2x1040 F	50x2x1040 F	50x2x1020 F	50x2x1020 F	30x5x960 F
<b>Ø SPINDLE</b>	25	25	25	25	17 L 150
<b>REAR BRAKE</b>	HYDRAULIC RR I 25/A	HYDRAULIC RR I 25/A	HYDRAULIC 1FL	HYDRAULIC 1FL	HYDRAULIC 1CX
<b>FRONT BRAKE</b>	HYDRAULIC RR I 25 EVO	HYDRAULIC RR I 25 EVO	REAR	REAR	//
<b>FRONT BRAKE DISC</b>	150x12 G	150x12 G	//	//	//
<b>REAR BRAKE DISC</b>	180x16 G	180x16 G	180x16 G	180x16 G	150x5 STEEL
<b>TANK CAPACITY</b>	10 LIT ca	10 LIT ca	10 LIT ca	10 LIT ca	4 LIT ca
<b>STEERING WHEEL</b>	Ø 340	Ø 340	Ø 340	Ø 340	Ø 320
<b>DISK CARRIER</b>	50 ALL. HQ	50 ALL. HQ	50 ALL. HQ	50 ALL. HQ	30 ALL. HQ
<b>FRONT HUBS</b>	85 ALL. o 85 MG.	85 ALL. o 85 MG.	85 ALL. o 85 MG.	85 ALL. o 85 MG.	OPTIONAL
<b>REAR HUBS</b>	50x100 ALL. o 50x90 MG.	50x100 ALL. o 50x90 MG.	50x90 ALL. o 50x90 MG.	50x90 ALL. o 50x90 MG.	30x50 ALL. HQ
<b>WHEELS</b>	DF130 + DF210 M	DF130 + DF210 M	DF130 + DF210 M	DF130 + DF210 M	CR 115+DR 150 A
<b>PODS</b>	KG 507 (FRONT) KG 508 (SIDE) KG C3 (REAR)	KG 507 (FRONT) KG 508 (SIDE) KG C3 (REAR)	FL-F1 (FRONT) FL EVO (SIDE) KG CLOB (REAR)	FL-F1 (FRONT) FL EVO (SIDE) KG CLOB (REAR)	KG MK20 (FRONT) MINI EVO (SIDE) HULK (REAR)



**DISCOVER ALL THE MODELS**

B25 BABY Racing	L28-CY	AR28-Y	AM29-Y	CRY30/32-RX-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
REAR	REAR	REAR	REAR	REAR+FRONT
//	//	//	//	150X12 G
166x5 INOX	166x5 INOX	W 66x180x8 A	W 66x180x8 A	180X16 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+DR 150 A	ALL. CR115+DR150	MAG. CR130+DR210	CR130+DR210	DF130+DF210 M
B 25 / B 25 /--	MK14 (FRONT) FL MINI (SIDE) FL MINI (REAR)	FL EVO + FP7 FRONT	FL EVO + FP7 FRONT	FL-F1 (FRONT) FL EVO (SIDE) KG CLOB (REAR)





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