

HISTORY, PASSION & RACING SENSATION

S16

***birel*ART**

2024 CHASSIS



▼ KZ LINE

▼ OK LINE

▼ MINI LINE

▼ ROTAX LINE



info@birelart.com



www.birelart.com

NEW KARTS FOR SEASON 2024 **S16**

#RACEWITHUS

● KZ RANGE ● OK RANGE ● MINI RANGE



GRAPHIC STICKERS



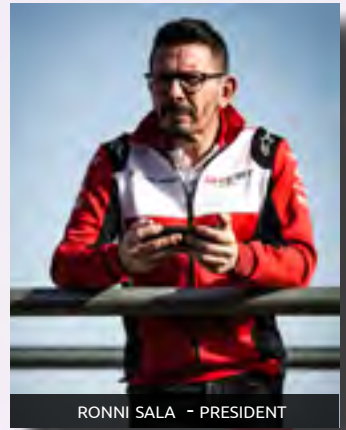
SUPPORT AXLE BEARING



STEERING WHEELS

birelART

Birel ART Srl - Via San Michele del Carso, 40 - Lissone (MB) - Italy - Ph. +39 039 483440 - Fax +39 039 461232
info@birelart.com - www.birelart.com  /BirelART  @BirelART  @Birel_ART



**THE INITIAL THAT
CHARACTERIZES
THE NEW MODELS
FOR 2024
WILL BE S16.**



**THE ACRONYM THAT CHARACTERIZES
THE NEW MODELS FOR 2023 WILL BE S16.**

Based on the S15 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, consisting of stylized letters and a long horizontal line extending to the right.

TECHNICAL NOVELTIES

Based on the S15 models, like every year we worked during the racing season to further develop and implement the performances of our karts, modifying geometries, the materials and some accessories, introducing new details to always have a better product both on quality level and on performance, confirmed once again by the numerous successes that we had during the season. The 2024 karts will have new acronyms, due to homologation matters:

- "DD" FOR THE DIRECT DRIVE CHASSIS
- "SH" FOR THE SHIFTER KZ CHASSIS

NEW PARTS:



SUPPORT AXLE BEARING

SUPPORT AXLE BEARING

The new support axle bearing in forged aluminum will improve the stability of the kart and the grip of the braking. – code 10.16676.00.



GRAPHIC STICKERS

NEW GRAPHIC STICKERS:

Like every year we revised the graphic to give a more aggressive, modern and recognizable look that distinguishes the BirelART brand.



**STEERING WHEELS****STEERING WHEELS**

All the S16 karts will have upgrade in the materials and new graphic.

**ENGINE LOCK****ENGINE LOCK**

The new engine lock HI TECH, for the OK category, will not be welded anymore but will be detachable and exchangeable when needed.– code 20.16495.10-NE.

**SEAT****SEAT**

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

DISCOVER ALL THE DETAILS ON:

www.birelart.com

KZ LINE



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

RY30-S16 - SH

Homologation N° 007/CH/10

● New geometry of the frame RY32-S16 - SH. ● Upgrade in the materials. ● New support axle bearing in forged aluminum.

RY32-S16 - SH

Homologation N° 007/CH/12



RY30-S16 - SH
RY32-S16 - SH

S16 SERIES **birelART**

7

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-S16 - DD:

Homologation N° 007/CH/10

- New geometry of the frame RY32-S16 - DD.
- Upgrade in the materials.
- New geometry of the support axle bearing of the frame.
- New support axle bearing in forged aluminum.
- New engine lock in bolted aluminum.

RY32-S16 – DD

Homologation N° 007/CH/12



RY30-S16 - DD
RY32-S16 - DD

S16 SERIES **birelART**

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01



02



03



MINI LINE



C28-S16

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

- Upgrade in the material of the frame and of the components
- New engine lock in bolted aluminum
- Steering column hi tech standard



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.

RY30RX-S16 - 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.

RY32RX-S16 - DD2

Homologation 007/CH/12



RY30RX-S16 - DD2
RY32RX-S16 - DD2

01



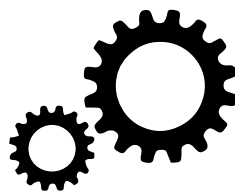
02



03



TECHNICAL CHART



	RY30-S16-DD	RY32-S16-DD	RY30-S16-SH	RY32-S16-S	C28-S15
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	645	645	645	595
FRONT WIDTH	715	715	725	715	640
LENGTH	1510	1510	1510	1510	1305
AXLE	50x2x1020 F	50x2x1020 F	50x2x1020 F	50x2x1020 F	30x5x960 F
Ø SPINDLE	25	25	25	25	17 L 150
REAR BRAKE	HYDRAULIC 1FL I 32x2	HYDRAULIC 1FL I 32x2	HYDRAULIC RR I 25/A	HYDRAULIC RR I 25/A	HYDRAULIC 1CX
FRONT BRAKE	//	//	HYDRAULIC RR I 25 EVO	HYDRAULIC RR I 25 EVO	//
FRONT BRAKE DISC	//	//	150x12 G	150x12 G	//
REAR BRAKE DISC	180x16 G	180x16 G	180x16 G	180x16 G	150x5 STEEL
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	50 ALL. HQ	50 ALL. HQ	50 ALL. HQ	30 ALL. HQ
FRONT HUBS	85 ALL. o 85 MG.	85 ALL. o 85 MG.	85 ALL. o 85 MG.	85 ALL. o 85 MG.	OPTIONAL
REAR HUBS	50x90 ALL. o 50x90 MG.	50x90 ALL. o 50x90 MG.	50x100 ALL. o 50x90 MG.	50x100 ALL. o 50x90 MG.	30x50 ALL. HQ
WHEELS	DF130 + DF210 M	DF130 + DF210 M	DF130 + DF210 M	DF130 + DF210 M	CR 115+DR 150 A
PODS	KG 507 (FRONT) KG 508 (SIDE) KG C3 (REAR)	KG 507 (FRONT) KG 508 (SIDE) KG C3 (REAR)	KG 507 (FRONT) KG 508 (SIDE) KG C3 (REAR)	KG 507 (FRONT) KG 508 (SIDE) KG C3 (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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Via San Michele del Carso, 40 - Lissone (MB) Italy - T. +39 039 483440 - F. +39 039 461232
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