

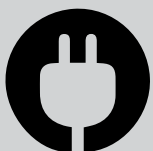


**BIREL ART RENTAL KART**

**IF YOUR  
PASSION  
IS DRIVING...**

Choose Birel ART Rental Kart.  
Our karts replicate the feel  
of real kart racing.

**Feel the vibes of driving!**



ELECTRIC VERSION

**birelART**  
RENTAL KART

[WWW.BIRELARTRENTAL.COM](http://WWW.BIRELARTRENTAL.COM)

**PURE PASSION**

We build karts, because motorsport is our passion!

Karting is the origin of Racing and our go-karts, distinguished by Italian excellence famous all over the world, gives the opportunity to all fans of this world to become real drivers or have fun trying the thrill of adrenaline on the track.

Birel ART is also present in the Rental sector with a complete range of Karts.

**ELECTRIC ALSO OF COURSE!**

**SUMMARY**

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# BIREL ART

## **Tradition and Innovation**

We represent a company where tradition and innovation come together every day to feed the legend of the Birel ART brand. Our plus is the ability to combine the development of advanced technological solutions with the craftsmanship and experience that distinguishes us.

## **Passion and Excellence**

The passion for motorsport is the sap that drives us to set ambitious goals to satisfy our customers. We are always in step with the times, curious and open to new things to grow our skills and offer excellence.

## **Individual and team**

Our company is a big family with a strong sense of belonging, human resources are very important for us and ours is a team where competence and passion always go hand in hand.

## **Emotion**

Birel ART - for more than 60 years we have continued the passion for a sport that has formed and continues to train all the F1 drivers. With heart, pride and enthusiasm we keep alive the passion for the racing world and allow all those who love the thrill of driving to be able to do it in great safety and at high technical levels and performances.

« For those who like racing, I advise the karting  
and to do it with love and dedication. »  
Ayrton Senna - December /1982

**N35-YR ST EKART**

ONLY 172 KILOGRAMS



220 Volt  
8 to 16 A

ELECTRIC LEISURE RENTAL KART LAST GENERATION  
FOR INDOOR AND OUTDOOR TRACK.

MODULAR SPEED FUNCTION VIA REMOTE CONTROL MINIMUM 3  
SPEED WITH BOOSTER FUNCTION AND REVERSE GEAR.

FAST INTERCHANGEABLE BATTERY (WEIGHT 12KG).  
LIGHTS AT THE FRONT AND REAR + STOP BRAKES LIGHT  
+ ENERGY RECOVERY BRAKE SYSTEM.

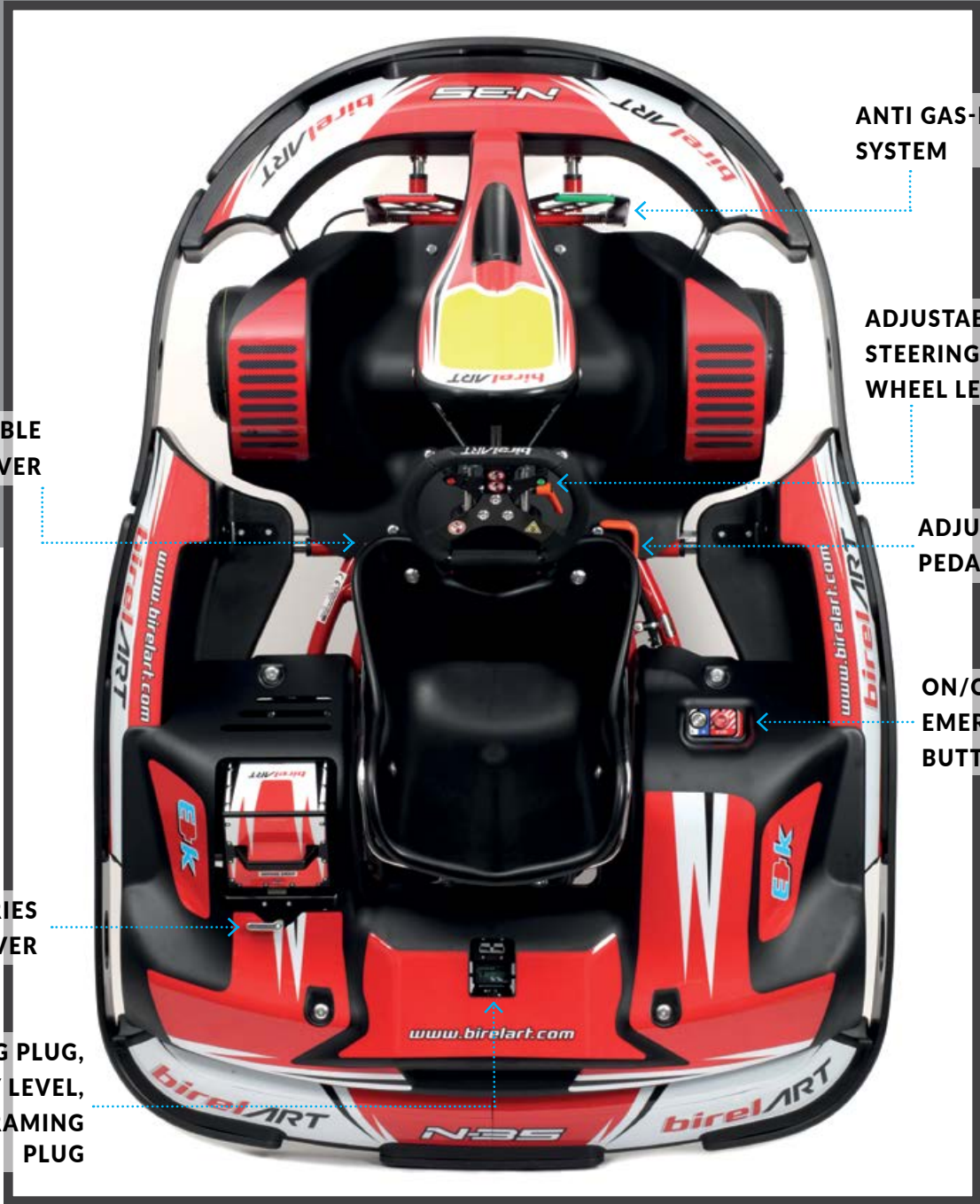
**KART FOR ANY GENERATION, LIGHT, EASY TO DRIVE.  
FOR PLEASURE AND UNFORGETTABLE EXPERIENCE!**

**GO  
GREEN**



**N35-YR ST EKART**





ANTI GAS-BRAKE SYSTEM

ADJUSTABLE STEERING WHEEL LEVER

ADJUSTABLE SEAT LEVER

ADJUSTABLE PEDALS LEVER

ON/OFF BUTTON  
EMERGENCY BUTTON

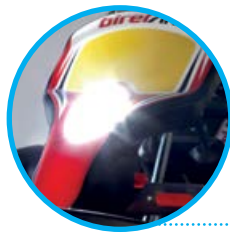
FAST BATTERIES LOCK LEVER

CHARGING PLUG,  
BATTERY LEVEL,  
USB PROGRAMING PLUG



BRAKE LIGHT AT THE REAR






**FRONT LIGHT**



ONLY  
**172**  
KILOGRAMS

<b>N35-YR ST EKART</b>		
<b>Ø TUBES</b>	<b>35 mm</b>	
<b>WHEEL BASE</b>	<b>1070 mm</b>	
<b>REAR WIDTH</b>	<b>1410 mm</b>	
<b>FRONT WIDTH</b>	<b>1208 mm</b>	
<b>LENGTH</b>	<b>2036 mm</b>	
<b>AXLE</b>	<b>40x5x1060 K</b>	
<b>BRAKING SYSTEM</b>	<b>HYDRAULIC RR MAGNUM</b>	
<b>BRAKE DISC</b>	<b>VENTILATED 180x20</b>	
<b>BRAKE POSITION</b>	<b>REAR</b>	
<b>BATTERY WEIGHT</b>	<b>12,5 KG</b>	
<b>Ø STEERING WHEEL</b>	<b>320 / 340 mm</b>	
<b>WHEELS</b>	<b>NH 120 - NH 180</b>	
<b>TYRES</b>	<b>MITAS SRH / DURO</b>	
<b>PODS</b>	<b>N-35</b>	
<b>COVER</b>	<b>REAR</b>	
<b>SEAT AND PEDALS</b>	<b>ADJUSTABLE</b>	

Same powertrain, same interchangeable battery and charger for both models: N 35 Senior and N 32 Junior.

CE declaration of conformity.



Driver height N35 Senior: from a minimum of 1.40 meters up to 2.00 meters.

BSR powertrain with fast interchangeable batteries.

Light at the front, brake and position light at the rear.

Power Boost Mode + Reverse Gear.

Functional anti gas brake system.

Remote control De Haardt.

Transponder De Haardt (individual for each kart with 3 memorized speeds).



- All our models Rental kart BirelART are guaranteed for 12 months.
- Electro powertrain included the battery 12 month guaranteed.
- Battery: 2200 cycle to 6000 (according to instructions provided by the constructor). Recovery of your used batteries with 20% discount on the purchase of new ones.
- Included Start-up of the karts on your track (2 people) + schooling for your staff.

# SUPER PERFORMANT KART. TAILORED FOR YOU!



**N35-YR ST EKART**

## OPTIONAL



**HEADREST**



**SAFETY BELTS**



**CUSTOM STICKER**

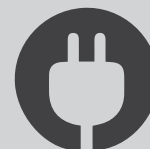


ON REQUEST, FOR EVERY RENTAL KARTS MODELS WE CAN  
PROVIDE A CUSTOM GRAPHICS WITH YOUR LOGOS OR SPONSORS.



**N32-XR J Ekart**

ONLY 145 KILOGRAMS



220 Volt  
8 to 16 A

ELECTRIC LEISURE RENTAL KART LAST GENERATION  
FOR INDOOR AND OUTDOOR TRACK.

MODULAR SPEED FUNCTION VIA REMOTE CONTROL MINIMUM 3  
SPEED WITH BOOSTER FUNCTION AND REVERSE GEAR.

FAST INTERCHANGEABLE BATTERY (WEIGHT 12KG).  
LIGHTS AT THE FRONT AND REAR + STOP BRAKES LIGHT  
+ ENERGY RECOVERY BRAKE SYSTEM.

**KART FOR ANY GENERATION, LIGHT, EASY TO DRIVE.  
FOR PLEASURE AND UNFORGETTABLE EXPERIENCE!**



**N32-XR J EKART**





ADJUSTABLE  
PEDALS LEVER

ANTI GAS-BRAKE  
SYSTEM

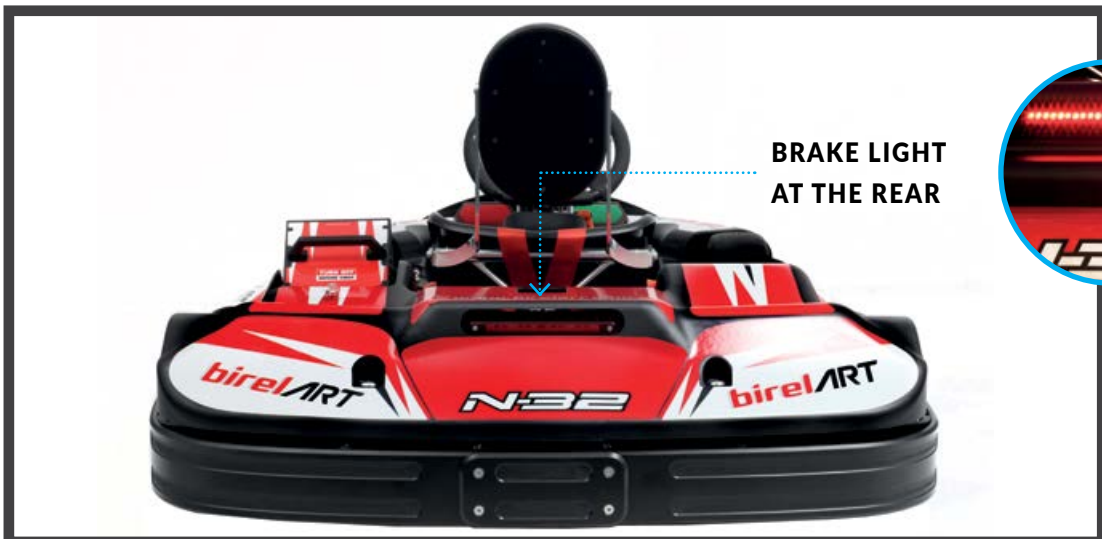
ADJUSTABLE  
STEERING WHEEL  
LEVER

ON/OFF BUTTON  
EMERGENCY  
BUTTON

ADJUSTABLE  
SEAT LEVER

FAST BATTERIES  
LOCK LEVER

CHARGING PLUG,  
BATTERY LEVEL,  
USB PROGRAMING  
PLUG



BRAKE LIGHT  
AT THE REAR






**FRONT LIGHT**



ONLY  
**145**  
KILOGRAMS

<b>N32-XR J EKART</b>	
<b>Ø TUBES</b>	<b>32 mm</b>
<b>WHEEL BASE</b>	<b>980 mm</b>
<b>REAR WIDTH</b>	<b>1300 mm</b>
<b>FRONT WIDTH</b>	<b>1040 mm</b>
<b>LENGTH</b>	<b>1860 mm</b>
<b>AXLE</b>	<b>40x5x1010 K</b>
<b>BRAKING SYSTEM</b>	<b>DOUBLE HYDRAULIC RR</b>
<b>BRAKE DISC</b>	<b>80x166x5 A</b>
<b>BRAKE POSITION</b>	<b>REAR</b>
<b>BATTERY WEIGHT</b>	<b>12,5 KG</b>
<b>Ø STEERING WHEEL</b>	<b>320/340 mm</b>
<b>WHEELS</b>	<b>NH 120 - NH 180</b>
<b>TYRES</b>	<b>MITAS SRH</b>
<b>PODS</b>	<b>N-32</b>
<b>COVER</b>	<b>REAR</b>
<b>SEAT AND PEDALS</b>	<b>ADJUSTABLE</b>

Same powertrain, same interchangeable battery and charger for both models: N 35 Senior and N 32 Junior.

CE declaration of conformity.



Driver height N 32 Junior: from a minimum of 1.00 meters up to 1.60 meters

BSR powertrain with fast interchangeable batteries.

Light at the front, brake and position light at the rear.

Power Boost Mode + Reverse Gear.

Functional anti gas brake system.

Remote control De Haardt.

Transponder De Haardt (individual for each kart with 3 memorized speeds).



- All our models Rental kart BirelART are guaranteed for 12 months.
- Electro powertrain included the battery 12 month guaranteed.
- Battery: 2200 cycle to 6000 (according to instructions provided by the constructor). Recovery of your used batteries with 20% discount on the purchase of new ones.
- Included Start-up of the karts on your track (2 people) + schooling for your staff.

# SUPER PERFORMANT KART. ALSO FOR YOUNG DRIVERS!



**N32-XR J EKART**

## OPTIONAL



**HEADREST**



**SAFETY BELTS**



**CUSTOM STICKER**

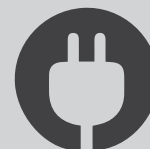


ON REQUEST, FOR EVERY RENTAL KARTS MODELS WE CAN  
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**B25-RT E-kart**

ONLY 52 KILOGRAMS



220 Volt  
2 to 8 A

FOR THE LITTLE ONES!

BABY GUYS FROM 90CM HIGH.

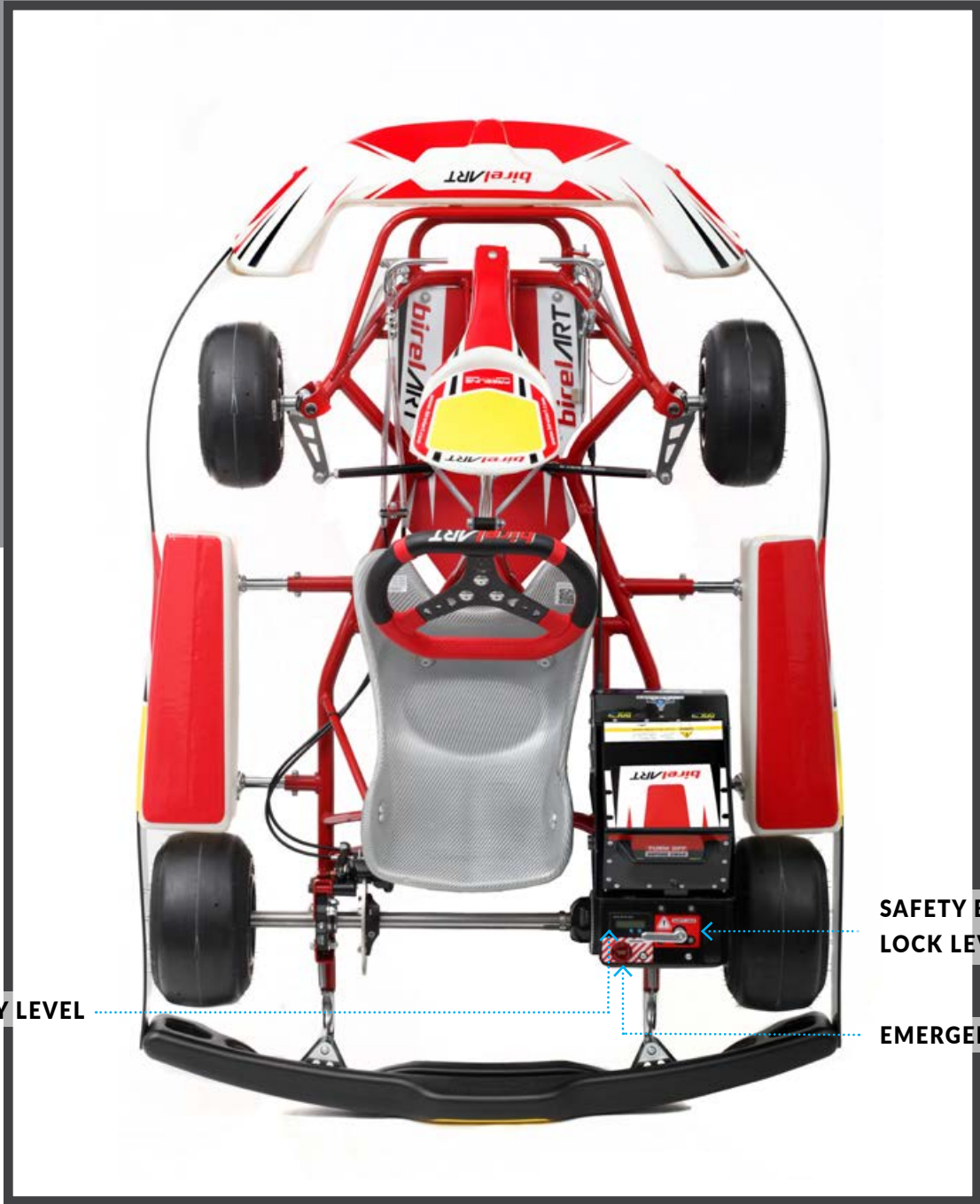
KART WITH HIGH SECURITY SIDE PROTECTION.

1,5 KW ELECTRIC MOTOR WITH INTERCHANGEABLE BATTERIES,  
2 SPEED PROGRAMMED WITH KEY-SHAPED REMOTE CONTROL +  
REVERSE GEAR.

**TO START THE KART IN TOTAL SAFETY.**



**B25-RT EKART**



BATTERY LEVEL

SAFETY BATTERY  
LOCK LEVER


EMERGENCY BUTTON



FAST INTERCHANGEABLE  
BATTERY 6,5 KG

ONLY  
**52**  
KILOGRAMS



B25-RT EKART	
CHASSIS	Birel ART B25 RT EKART
WHEEL BASE	780 mm
BODYWORK	FULL WRAP AROUND
SEAT	FREELINE XS
STEERING WHEEL	Ø 300 mm
REAR AXLE	Ø 25 mm
BRAKES	REAR - MECHANICAL
ENGINE POWER	1.5 KW (2HP) - FROM 1000 AT 3500 RPM
SPEED	TWO LEVEL SPEED (30 KM/H / 44 KM/H)
BATTERY	18Ah / 48V Li-Ion (0.8 kWh)
CHARGER	AC/DC 500W (110-240V) (20-90% in 60 min) STANDARD AC/DC 2000W (110-240V) (20-90% in 20 min) OPTIONAL
BATTERY LIFE CAPACITY	45 minutes WITH SPEED 1 (BEGINNER STEP) 30 minutes WITH SPEED 2 (DRIVER WITH EXPERIENCE)
TRANSMISSION	BELT
KART WEIGHT	52 KG (BATTERY INCLUDED) - BATTERY 6,5 KG



# LITTLE GREEN KART FOR OUR BABYDRIVERS!



**B25-RT EKART**



## NEW FEATURES



**START/STOP KEY**



**BATTERY/POWERTRAIN  
CHARGER**



**SIDE PROTECTION**



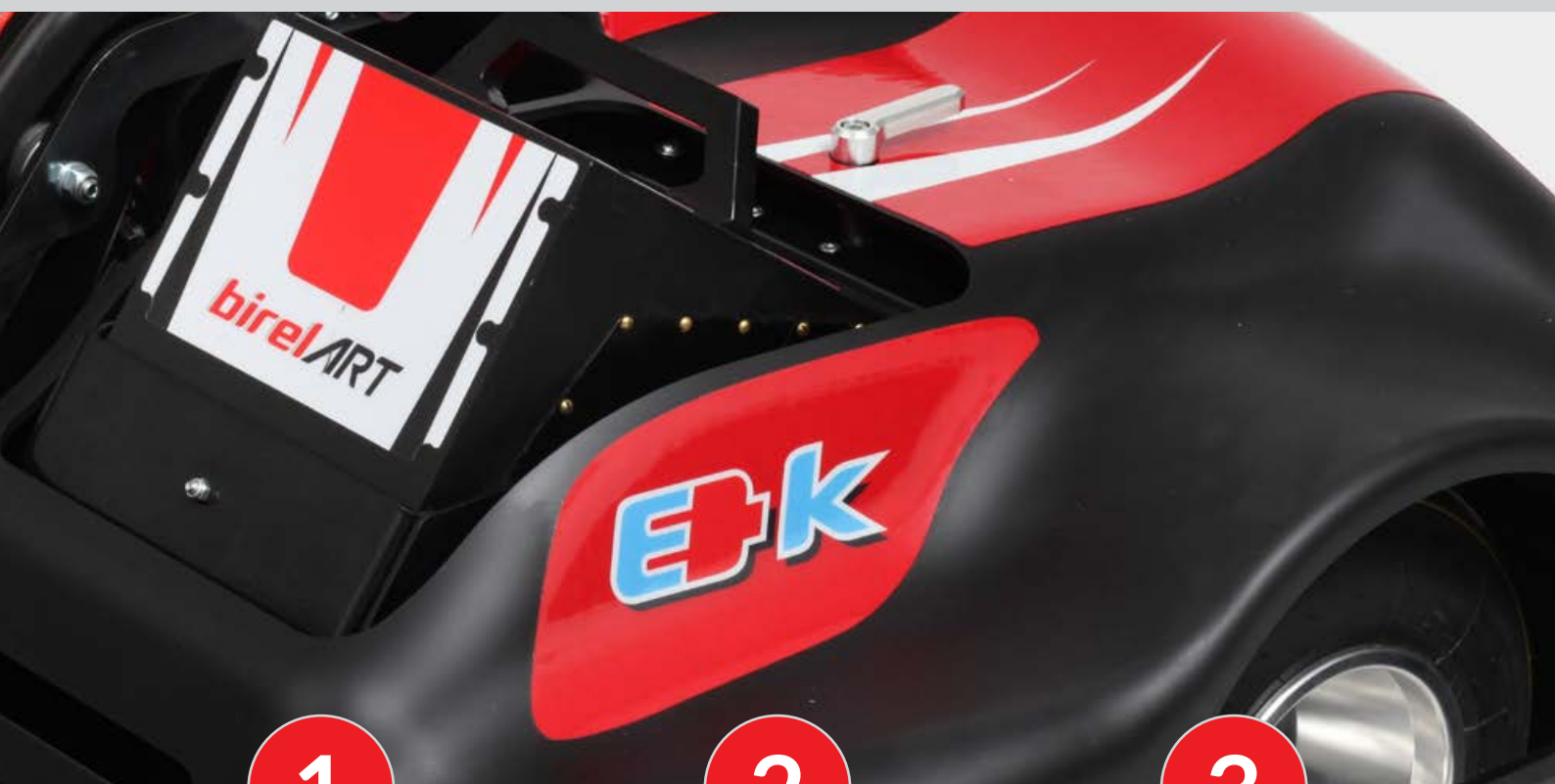
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# BATTERY

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EASY AND QUICK REMOVABLE BATTERY



1

COMPLETE BATTERY  
PIT-STOP IN 30 SECONDS

2

NOMINAL VOLTAGE  
IS 48 VOLTS

3

LITHIUM ION  
CHEMISTRY

4

12  
MONTH WARRANTY

5

2.200 CYCLE TO 6000  
BATTERY LIFE (ACCORDING TO  
INSTRUCTIONS PROVIDED BY  
THE CONSTRUCTOR).

6

RECOVERY OF YOUR USED  
BATTERY AT THE END OF THE  
CYCLE. 20% DISCOUNT ON THE  
PURCHASE OF 1 NEW BATTERY

# RECHARGEABLE BATTERIES SYSTEM

N35-YR ST EKART & N32-XR J EKART

## BATTERY

- Quick swap system, replace it in less than 30 seconds. 2x BMS and physical fuse protection.
- Air cooling (aluminum radiators).
- Capacity 35Ah.
- Discharge peak 300A (continuous 200A).
- Charging power till 2kW (2 kW to 3 kW / 48V).
- Weight 12,5 Kg.
- 1 year unlimited cycle warranty.
- Buy Back with 20% of price after warranty.
- Maintenance service after warranty time.



## CHARGER

(STANDARD CHARGER 1,5 KW / FAST CHARGER 3,0 KW)

- AC to DC with all type of AC plugs.
- Charging voltage 48V (nominal).
- Charging power 20A (standard) / 40A (fast).
- Air cooling (aluminum radiators).
- 100% Automated system (with LED indicators).
- Weight 15,0 – 18,5 Kg (depending on model).
- 1 year unlimited warranty.
- Maintenance service after warranty time.





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# POWERTRAIN

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- 1** QUICK CONNECTOR, FAST CONNECTOR PLUG, WATER RESISTANT.
- 2** SWITCH BOX ON/OFF + EMERGENCY BUTTON.
- 3** BATTERY BOX WITH SAFETY LOCK LEVER.
- 4** CONTROLLER BOX WITH USB PROGRAMING PLUG, CHARGING PLUG + BATTERY INDICATOR DISPLAY.



# TRACK SIDE MONITORING SYSTEM

DE HAARDT

The speeds can be set very precisely for each track environment, ensuring safe and secure operation.

The Xtra.CAN and EV Transponder are compatible with all the major timing systems.



REMOTE CONTROL



TRANSPONDER



MINI REMOTE CONTROL

## XTRA.BLACK BOX

by DE-HAARDT

- A true "Black Box" adding many features to your De Haardt system and your go-kart track.
- The Xtra.Black Box has two antennas for two separate radio channels that can be used simultaneously. One channel for safety or timing messages (not at the same time) and the other one for CAN information.
- The power supply and connection to your go-kart track software is done through the ethernet connector. A 5 meter ethernet cable with an IP65 connector and Power-over-Ethernet injector are included.
- The Xtra.Black Box is a replacement for the Xtra. Range Extender and the Xtra.Timing Host.



# ENGINE POWERTRAIN

N35-YR ST EKART - N32-XR J EKART - B25 RT EKART

## POWER UNIT

### N35-YR ST EKART | N32-XR J EKART

Motor Power: 3 to 7kW adjustable by software (9.1 Hp)
Motor Torque: 38 to 55 Nm
Motor RPM range: 3500 RPM max
Top Speed: till 90km/h (adjustable by software)
Acceleration from 0-60km/h: 4 sec
Cooling: Air
Lithium battery with BMS
Driving range: 20 to 30 min
Charger: AC (90-240V) to DC (48V)
Charging time: 30-45 min (20-90%)
Warranty: 1 years



## POWER UNIT

### B25 RT EKART

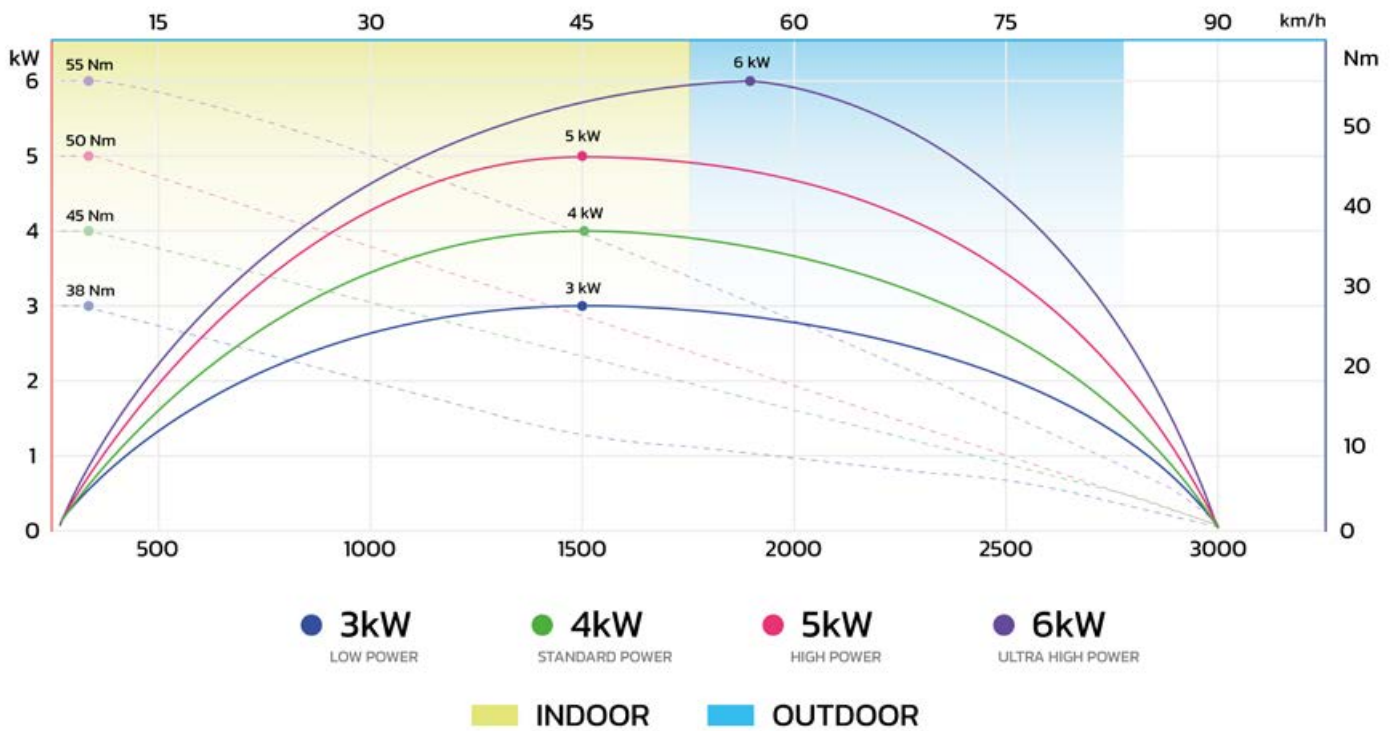
Motor Power: 1,5 Kw
Motor Torque: 18Nm
Motor RPM range: 3500 RPM
Top Speed: 44 KM/h
Cooling: Air
Lithium battery with BMS
Driving range: 30 to 45 min
Charger: AC/DC (90-240V) 48V
Charging time: 20-30 min
Warranty: 1 years



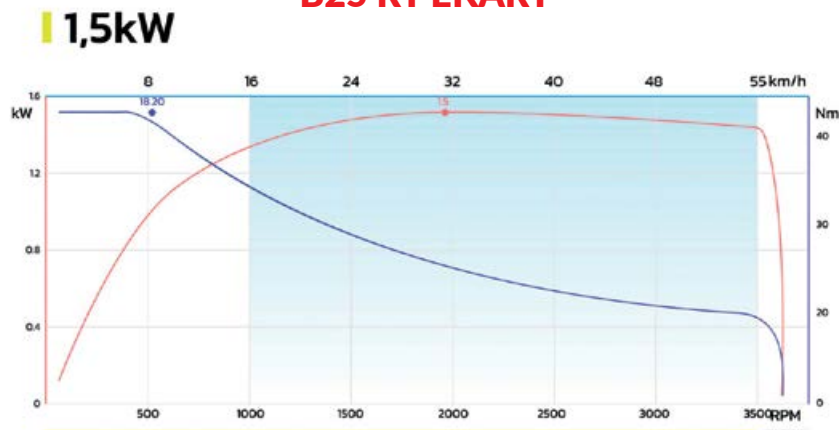
# MOTOR LOAD CHARACTERISTIC CURVE

MOTOR TYPE: ME1917 REV-A

## N35-YR ST EKART - N32-XR J EKART



## B25 RT EKART

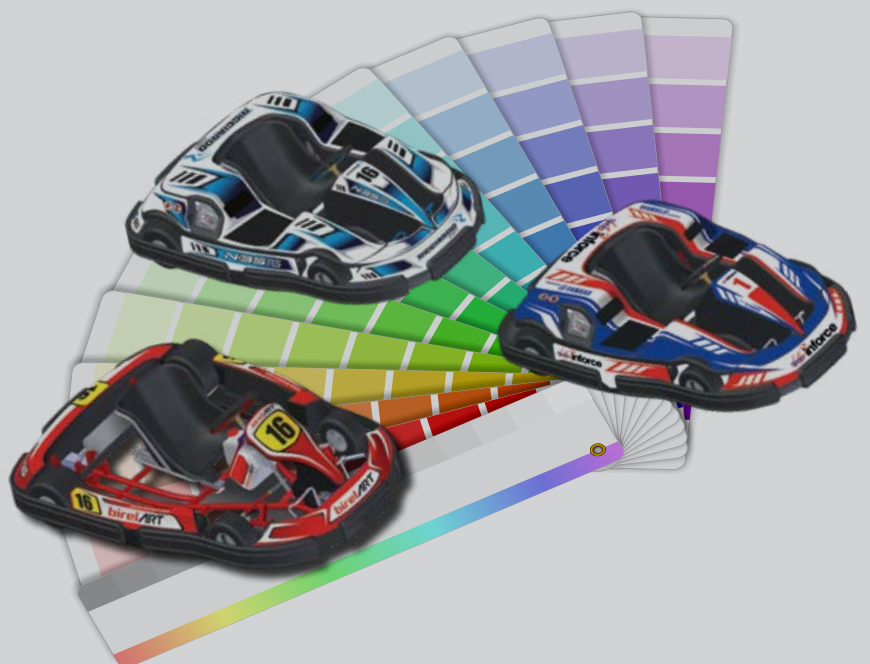






ON REQUEST,  
**FOR EVERY**  
**RENTAL KARTS MODELS**

WE CAN PROVIDE A  
**CUSTOM GRAPHICS**  
WITH YOUR LOGOS  
OR SPONSORS.





# CUSTOMIZATION



DOOS KARTING CENTER RIYADH - SAUDI ARABIA



DI LEO ALCAMO SICILY - ITALY



PORSCHE EXPERIENCE CENTER FRANCIACORTA - ITALY





# ELECTRIC V B E S

**birelART**  
RENTAL KART

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