

e



DRENALINE





RELIABILITY

I.A.S.: IMPACT ABSORPTION SYSTEM
HITS AND CRASHES ARE MINIMIZED
THANKS TO OUR SIMPLE, YET
INNOVATIVE AND PATENTED IMPACT
ABSORPTION SYSTEM. THIS IMPACT
SOLUTION HAS PAVED THE WAY TO A
NEW GENERATION OF RENTAL KARTS
WHICH ARE NOW SOLD ALL OVER THE
WORLD. THE CHASSIS ENJOYS A 6
MONTHS WARRANTY



FI-STYLE STEERING WHEEL

THE HIGH-TECH CONTENT OF THE E-DRENALINE JUMPS OUT AT FIRST SIGHT IN ITS RACING-INSPIRED MULTIFUNCTIONAL STEERING WHEEL. BESIDES ALLOWING DRIVERS TO MONITOR "VITAL" DATA LIKE BATTERY LIFE AND POWER USE, THE DIGITAL CONTROL PANEL INCLUDES THE EXTRA BOOST BUTTON AND THE ELECTRONIC PEDAL ADJUSTMENT CONTROL.





***MIXED BRAKE
SYSTEM:
MECHANICAL
AND ELECTRIC***

ON THE FRONT END, THE E-DRENALINE FEATURES A CLASSIC PEDAL-ACTIVATED DISC BRAKE SYSTEM, WHILE ON THE REAR IT BRAKES THANKS TO ITS ELECTRIC ENGINE, WHICH DURING DECELERATION FUNCTIONS LIKE A BATTERY-CHARGING GENERATOR.



DE HAARDT SYSTEM

THE E-DRENALINE IS EQUIPPED WITH A PLUG-AND-PLAY CONNECTOR FOR INSTALLING XTRA.EV SHUTDOWN TRANSPONDER REMOTE CONTROL UNIT OF EACH KART AND OF THE ENTIRE FLEET THROUGH THE RIGHT CONTROLLER.





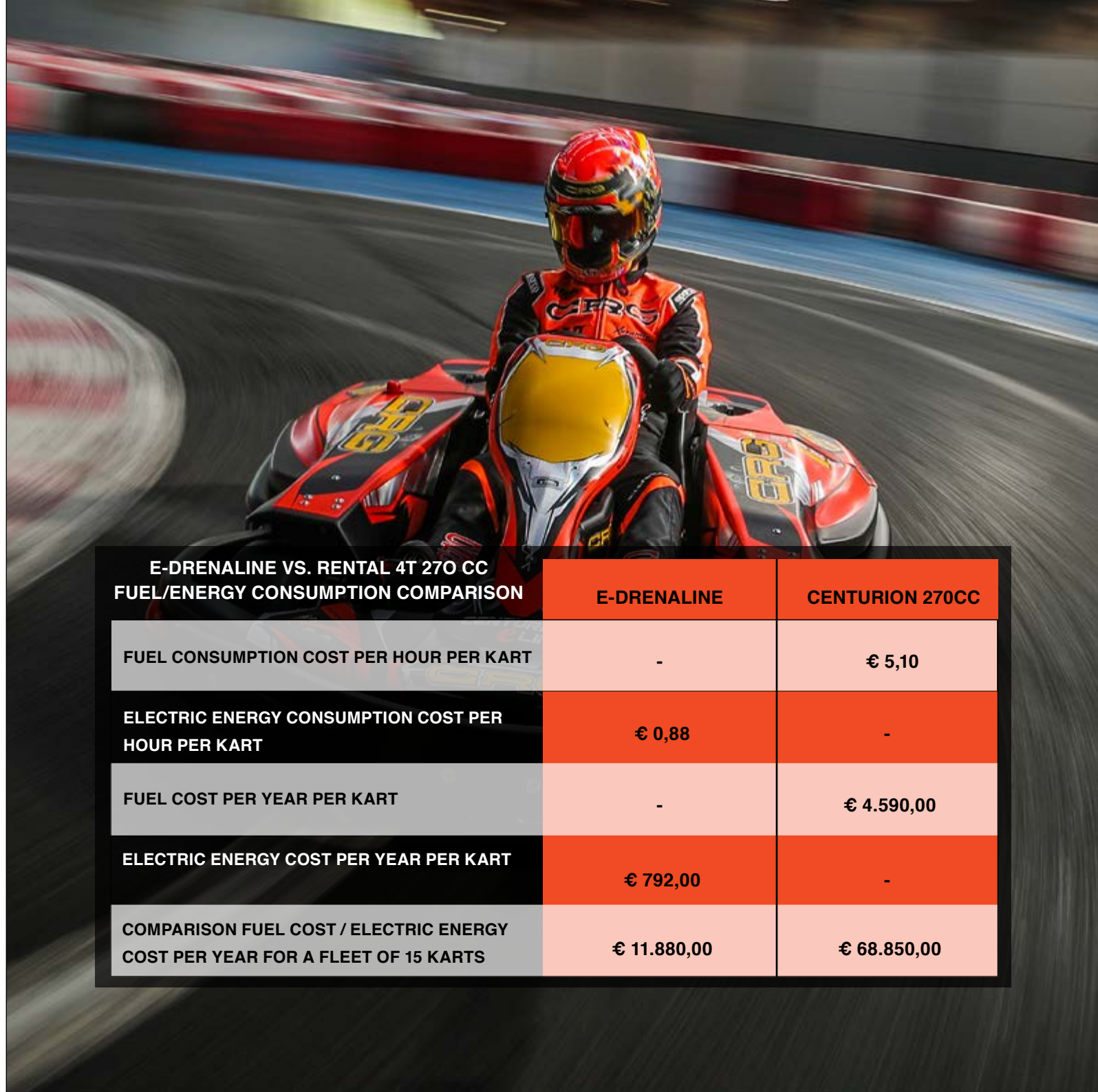
POWER CHARGE

FRUIT OF LAST-GENERATION TECHNOLOGY, THE BATTERY PACKS ARE POSITIONED AS LOW AS POSSIBLE ON EACH SIDE OF THE DRIVER TO OPTIMIZE THE KART'S CENTER OF MASS AND YIELD TOP PERFORMANCE. THE TYPE OF BATTERY CHOSEN ALLOWS TO USE THE KART CONTINUOUSLY FOR LONGER THAN AN HOUR.



FUEL/ENERGY CONSUMPTION COMPARISON

TECHNICAL NOTE: THE ESTIMATED COSTS SHOWN IN THE TABLE WERE TAKEN FROM A COMPARATIVE SIMULATION BETWEEN A CRG E-DRENALINE KART AND A CENTURION RENTAL KART EQUIPPED WITH A 4T 270CC ENGINE USED ON THE SAME TRACK FOR 1 HOUR OF USE. THE ELECTRIC KART WAS SET UP WITH 60AH BATTERIES FOR THE CONSEQUENT USE ON THE TRACK OF 1 HOUR EQUAL TO AN ELECTRICITY CONSUMPTION 4.4KW/H ESTIMATED AT 0.88 / HOUR, 0.20 PER KW. THE CENTURION RENTAL KART EQUIPPED WITH A HONDA 270CC ENGINE AND AN 8.5-LITRE TANK IN 1 HOUR OF USE CONSUMED 3.40 LITRES OF FUEL AT AN ESTIMATED COST OF 5.10 (FUEL VALUE OF 1.50 / LITRE). YEARLY CONSUMPTION COSTS (ELECTRIC/FUEL) CENTURION RENTAL KART 270CC: ASSUMING A FLEET OF 15 KARTS USED FOR 3 HOURS EVERY DAY FOR 300 DAYS A YEAR (900 HOURS OF USE), THE OVERALL FUEL COSTS FOR A SINGLE KART IS € 4.590,00 PER YEAR AND FOR THE ENTIRE FLEET IS € 68.850,00. E-DRENALINE: ASSUMING A FLEET OF 15 KARTS USED FOR 3 HOURS A DAY FOR 300 DAYS A YEAR (900 HOURS OF USE), THE OVERALL ELECTRICITY COST FOR CHARGING A SINGLE KART IS EQUAL TO € 792,00 PER YEAR AND FOR THE ENTIRE FLEET IS € 11.880,00.



E-DRENALINE VS. RENTAL 4T 270 CC FUEL/ENERGY CONSUMPTION COMPARISON

	E-DRENALINE	CENTURION 270CC
FUEL CONSUMPTION COST PER HOUR PER KART	-	€ 5,10
ELECTRIC ENERGY CONSUMPTION COST PER HOUR PER KART	€ 0,88	-
FUEL COST PER YEAR PER KART	-	€ 4.590,00
ELECTRIC ENERGY COST PER YEAR PER KART	€ 792,00	-
COMPARISON FUEL COST / ELECTRIC ENERGY COST PER YEAR FOR A FLEET OF 15 KARTS	€ 11.880,00	€ 68.850,00

