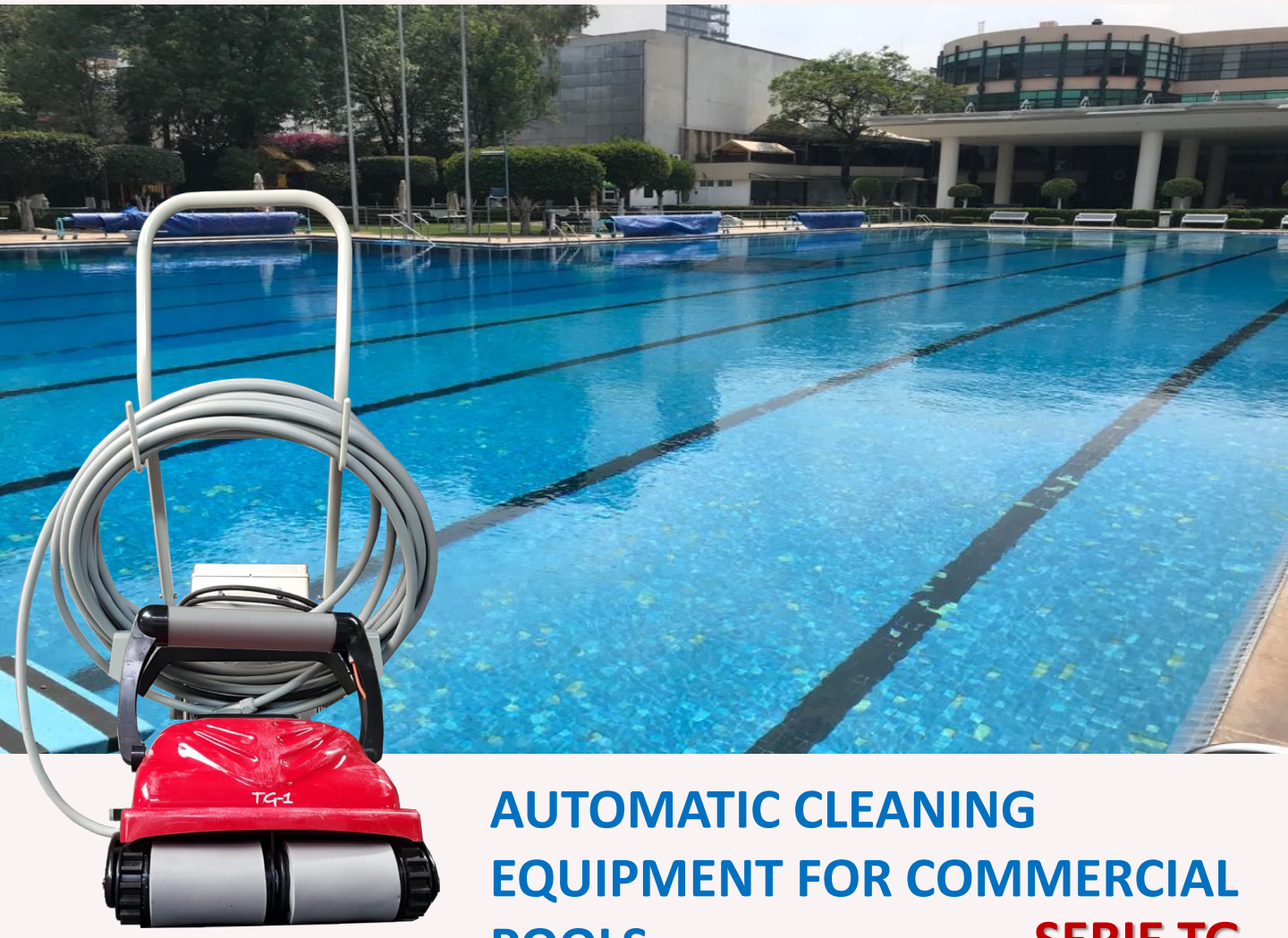
NDEPool®



AUTOMATIC CLEANING EQUIPMENT FOR COMMERCIAL POOLS

SERIE TG

Ideal for Hotels, condominius, camping, sport clubs, etc...

Anti twist of the "GYROTWIST" cable

Pool width up to 25m (50m TG2)

Suction power 27m³/h

Deep cleaning of floors, walls and wáter line

Controlled navigation gyroscop

"DUAL CLEAN" filtration bag 5&100mc.

Bluetooth for diagnosis and maintenance

Mobile APP navigation

Lightweight, easy to carry and handle

Delayed automatic start

"DUAL CLEAN" full bag indicator

Zip bag "WHITE GLOVE" cleaning

Inmediate automatic departure

In/Out function wáter inlet and outlet

Smart navigation "Aqua Positioning Technology"

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1 ERGONOMIC

- *The new **TG robot from NDE POOL is ideal for large comercial pools like Hotels, condominiums, campgrounds, Sport Clubs, etc.),** its design makes it capable of cleaning pools up to 25 m.*
- *The robot sports an impressive **red** color carbon style shell with a handy floating grip handle. **The TG robot** is very easy to get our of the water since it weights just only 9 kg.*
- *The self-floating cable is very substantial since it has a length between 20 to 40 m.*
- *It is deliverd with a cart, which makes it very easy to transport.*

2 MECHANICAL

- *Automation, the **TG robot** has **2 tracks and 4 drive belts** all easily replaced during service. The **TG robot** is driven by **2 planetary gear motoros**, giving it a formidable longevity. The engine has a cooling system ensuring long cycles wihtout problems.*

3 SUCTION

- *The **PVA or PVC brushes** work extremely well and the impurities are filtered by **2 separate bags**, which is a very unique point.*
- *Filtering plate **has 2 types of filters**, a particle filter and a larger debris filter, so as never to saturate and allow an optimal cleaning with eas passage.*
- *The **TG robot also has 2 self bristle brushes** on the each side, designed for cleaning the base of walls and to help agitate algae. The cleaning result is excellent on a 25-meter pool.*
- *The cleaner also has a full filter indicator on the electronic box.*

4 ELECTRONIC

- *The **TG** robot has an **IP44 waterproof case**. It can be fixed onto a wall or mounted to the trolley. The **user interface** has induction buttons to combat premature wear and ensure perfect sealing. From the control box you can start the robot in automatic mode with immediate start or timer delayed mode, there is algo **a turbo express cleaning mode** for faster cleaning than usual.*

- *The **TG robot** comes complete with a radio **remote control** with a range of 30 m. There is also an option to turn the **TG 360 degrees** for complete on the spot cleaning. Finally, it shoud be noted that the **TG robot** is equipped with a 100-220V/24V automatic switching power supply, equipped with a fuse against voltatge surges.*

5 NAVIGATION

- *Its movements are ensured by an exclusive navigation system called **Aqua Positiong Techncology (APT)**, which consists of a gyroscope, compass and 2 infrared sensors to define its trajectory and self-configuration to clean the pool. With its powerful latest generation algorithm, the **TG robot** always knows where it is in the pool, and climbs up all forms of slopes and pool types constantly optimizing its program for a uniform passage over the bottom of the pool. **The cleaning system its therefore one of the best on the market.** It also takes care of all surfaces: floor, wall and water line.*

AQUA POSITIONING TECHNOLOGY

TECHNICAL FEATURES	NDE-TG1	NDE-TGB	NDE-TG2
Mode	Floor and wall	Floor and wall	Floor and wall
Pool length / Cleaner width	Up to 25m / 40 cm	Up to 20m / 40 cm	Up to 50m / 78 cm
Cleaning speed	10 a15 m/min	10 a15 m/min	10 a 15 m/min
Suction power	27 m³/h	27 m³/h	50 m³/h
Weight out of water / in water	9 kg / 2 Kg	9 kg / 2 Kg (sin batería)	18 kg / 4 Kg
Cable lenght / Trolley - Remote control	30 m / Yes - Yes	5m with battery / Yes - Yes	40 m / Yes - Yes
Filtration capacity	3,1 kg	3,1 kg	6,2 kg
Power supply	110 v-240 v / 24 vdc	12 Volts	110 v-240 v / 24 vdc
Autonomy / Charge time	-	3 h / 6 h	
Brush type	PVC, option PVA	PVC, option PVA	PVC, option PVA
Codes	**FHTG1**	**FHTGB**	**FHTG2**

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