DC Di Candia Ruote | sanitary specialized

www.hygienic-castors.com

Castors for hospitals and pharma

DC Di Candia Ruote
Made in Italy

HYGIENIC RANGE

DC Di Candia Ruote is synonymous for innovation and high-quality in every aspect of castor development.
High quality standards during the study, development and production techniques during the manufacturing stage, bring us at the edge for specialized industry sectors.
Every DC Di Candia Ruote castor is certified according to FDA rules and manufactured and tested according to EN 12526 - EN 12533 standards.
One of DC's specialty areas are castors for the food processing, this area has particularly high demands due to the particular condition of work.
The DC hygienic line is warranty of highest care, first quality in raw materials, strict rules compliance, continuous improvement in the field of the food industry castors and production exclusively Made in Italy.
Thanks to the top of the edge technology and perfect craftsmanship, DC Stainless Steel castors make easy the work in extreme operating conditions.
They show no damage, assuring a long service life even when exposed to chemicals, ice, fluctuating temperatures, grease, salt or aggressive cleaning agents, and requires no maintenance.

Facilities used in hospitals and pharmaceutical production are subjected to constant mechanical stress and exposure to aggressive chemical agents and must ensure a high level of hygiene, impermeability, and resistance to wear and corrosion. Key challenges in these environments include:
Chemical exposure: Contact with disinfectants, alcohol-based solutions, cleaning agents, and other aggressive sanitizing substances used in routine hygiene protocols. Hygiene standards: Strict requirements for cleanliness and sterilization to prevent contamination, demanding materials that can withstand frequent and intensive cleaning cycles.
Corrosive agents: Exposure to substances such as hydrogen peroxide, sodium hypochlorite, and other sterilizing chemicals.
Thermal and humidity variations: Fluctuations in temperature and humidity in sterilization areas, operating rooms, and pharmaceutical labs.
In such sensitive and regulated environments, it is essential to use wheels and castors specifically designed to meet the stringent standards of the healthcare and pharmaceutical sectors. Below are solutions engineered to ensure maximum reliability, hygiene, and durability.

D-FLEX + Stainless Steel AISI 304 brackets, load capacity up to 370 Kg

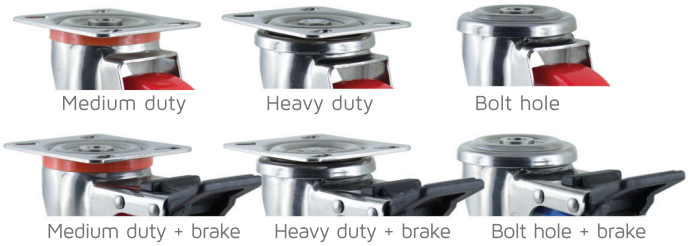
Polyurethane blue elastic rim hardness 82 Shore A.
The D-FLEX series represents the top of the edge in quality smooth wheels, specifically developed and manufactured for this specific field of application.
The particular composition of the wheel parts and the special bonding of the rim to the wheel core allow DC to be the first and only manufacturer to guarantee these wheels against the tread de-bonding for the entire life of the wheel.
It assures a cushioning, impacts absorbing, vibration free rotation together with a very easy rolling and a great grip on wet and greasy floors and under heavy loads.
It is fully washable by pressure, and resistant to sinking and chemical cleaners washing.

D-NAMIC + Stainless Steel AISI 304 brackets, load capacity up to 370 Kg

Polyurethane red rim hardness 92 Shore A.
The D-NAMIC series represents the highest expression of quality wheels, specifically developed and manufactured for this specific field of application.
The particular composition of the wheel parts and the special bonding of the rim to the wheel core allow DC to be the first and only manufacturer to guarantee these wheels against the tread de-bonding for the entire life of the wheel.
It assures a smooth work together with a very easy rolling even under heavy loads.
It is fully washable by pressure, and resistant to sinking and chemical cleaners washing.

DITHERM RXT + Stainless Steel AISI 304 or galvanized steel brackets, Temperatures resistant -40°C to +300°C.
Rubber hardness 76 Shore A.

The DITHERM RXT series is the upgrade higher step in temperature after the "sister" Ditherm RHT, and still unique in its composition.
The 72 Shore A white elastic rubber is mechanically bonded to the wheel core by an exclusive process of production with no use of glues of vulcanization.
Both the core and the tire are made of self-developed close cells materials, are hygienic and does not retain germs and dust.
The soft rubber tire ensures a smooth and shock/vibration free rolling, and is recommended for any bakery requiring silent trolleys and easy rolling. Also the RXT wheels do not mark the floor.



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