

HOW TO SELECT YOUR WHEEL

Many factors determine the choice of a wheel:

WORKING CONDITION

The weight to carry, the intense utilization of full or average load, frequency utilization of the cart, type of utilization (manual traction or with motorized engines)

NATURE OF SURFACE

Plain, rough or very uneven.

PARTICULAR REQUIREMENTS

Utilization in corrosive atmosphere or in an oxydant environment, hygienic norm to be respected, temperature usage.

EXPLOITATION CRITERIA

Smooth rolling, non-marking tread, requires little physical force.

HOW TO DETERMINE YOUR UNIT LOAD IN ALL SECURITY

You have a cart equipped with 4 casters:

We suggest to divide by 3 the total load (do not forget that on irregular surface the weight can momentarily be spread on 3 points instead of 4). However, the load capacities indicated in our catalogue takes in consideration a maximum security margin for a manual movement of 1.9 mile/hour (3km/hour).

HOW TO SELECT YOUR BORE TYPE

Ball bearing :

Sealed on both sides.

For continuous or intensive usage on maximum loads.

DELRIN® :

For usage in presence of corrosive substance.

STANDARD ROLLER BEARING :

For intensive usage on average load.

PLAIN BORE :

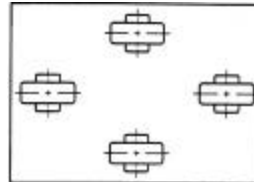
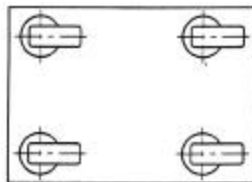
For intermittent usage.

How to position castors

For very easy manoeuvring

4 swivel castors.

May be hard to steer over long distances or on uneven ground



For long distances with infrequent changes of direction:

4 fixed castors, the 2 central ones being raised.

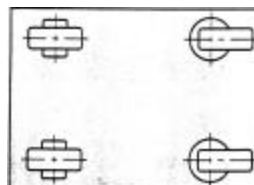
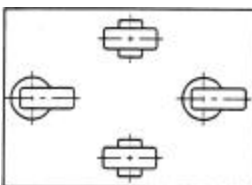
Economical. Precarious balance.

For manoeuvring in restricted spaces

2 swivel castors,

2 fixed castors.

Precise steering, but precarious balance.



For long and varied distances

2 swivel castors,

2 fixed castors.

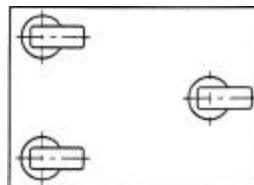
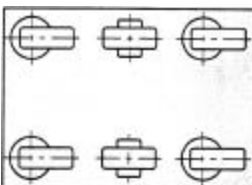
Precise steering, manoeuvring difficult in a restricted space.

For handling heavy loads and for very long carts

4 swivel castors,

2 fixed castors.

Very stable. Easy to handle.



For small loads

3 swivel castors.

Very easy to handle.

Difficult to steer in a straight line, precarious balance.