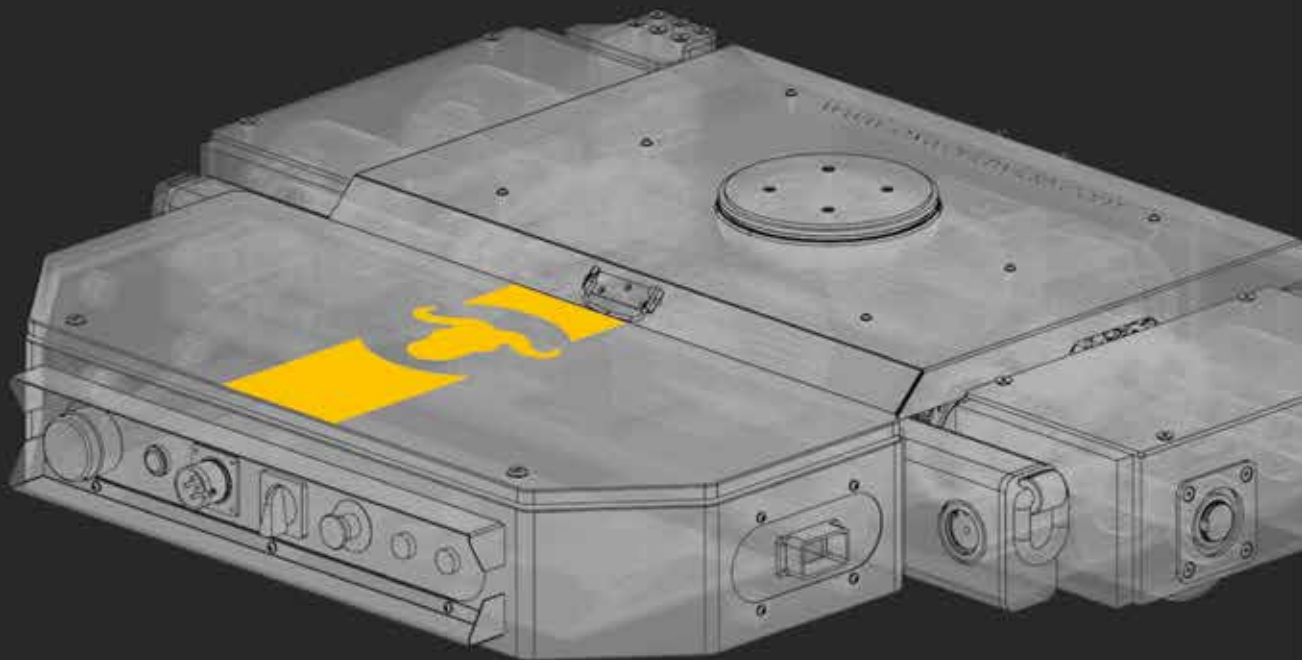


SELF PROPELLED TROLLEYS

MODELS

ST 30t - 200t
TBC 30t - 150t



SELF-PROPELLED TROLLEYS



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SELF-PROPELLED TROLLEYS

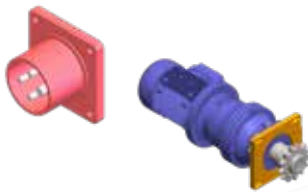


CAPACITY

ST-30t-200t

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ST SPECIFICATIONS



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SELF-PROPELLED TROLLEYS

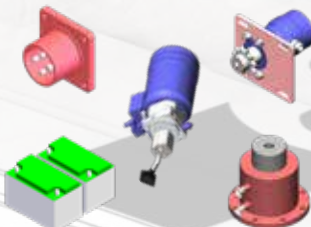


CAPACITY

TBC-30t-150t

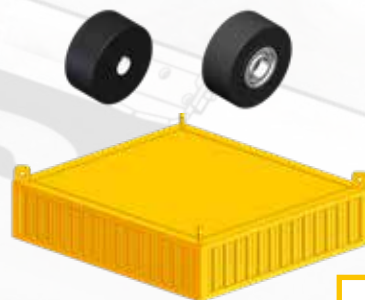
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TBC SPECIFICATIONS



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ACCESSORIES



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SELF-PROPELLED TROLLEYS

WHAT IS A SELF-PROPELLED TROLLEY?

The self-propelled trolley consists of a front rotating traction car (**ST / TBC**) of reduced dimensions (given the great capacity they have) and a pair of fixed rear trolleys (**CT**), that perform a function similar to that of the rear axle of a truck, carrying out the displacement and the maneuvers equivalent to this type of transport, but without limitation in the rotation of the tractor unit.

It supports large loads thanks to its multiple wheels of polyamide wheels and tight diameter, mounted on a tilting system (there is also the possibility of including some wheels of polyurethane to improve traction). It has a very low height because it is designed to be placed under any type of structure, machine or element and thus be able to move them, supported by the load on its rotating plate, with free rotation, which is coordinated with the couple of rear trolleys (**CT**) or of another type of rolling incorporated under load.

All the self-propelled tanks are controlled by a radio control or an auxiliary control with cable (both supplied in all the trolleys). Its maximum speed is 5m / min, it is designed for flat use (no inclinations). But it could be used on ramps up to a maximum of 3 degrees (although the certification does not contemplate it and is under the responsibility of the customer, since they do not have brakes, only motor, and the capacity calculated is reduced by including inclination). In case of particular needs, default brake can be incorporated.

We have 2 ranges of self-propelled trolleys: **ST** (three-phase electric) and **TBC** (electro-hydraulic and batteries + lifting cylinder) to solve all the needs of moving heavy loads and we can also adjust them to the particular requirements of each application.

We are currently working on the fully electric **STB** version, with mixed power to the grid and batteries, and in a much more compact configuration.

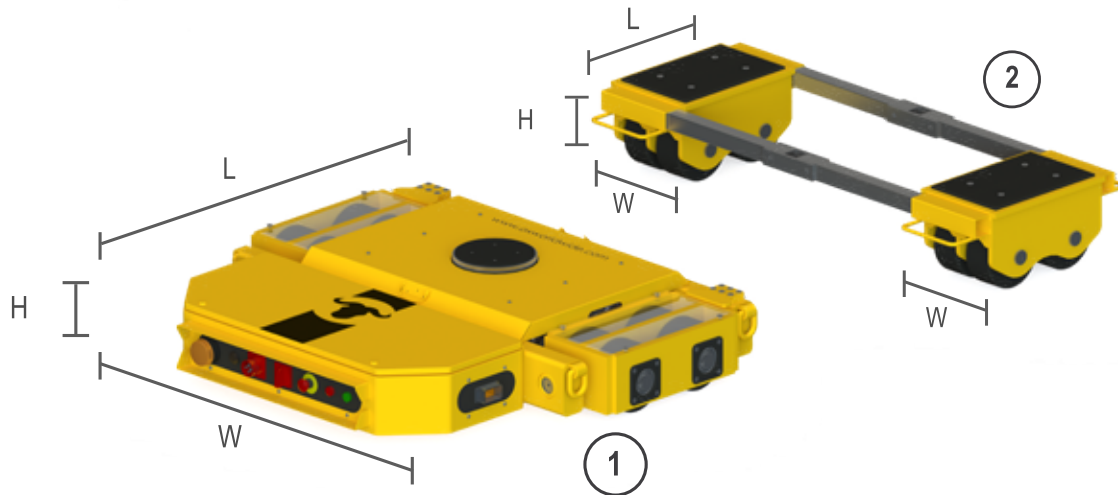


ST TROLLEYS: FEATURES

ST

The ST models have direct three-phase power to the grid, without lifting cylinder nor batteries. It consists of the base of the range, being the most economical, since it must be connected to the grid by means of an electric cable.

To place the load on the trolley, a supplementary system such as lifting a crane or hydraulic jacks is required.



ST30t - 60t - 100t - 150t - 200t

CODE	DESCRIPTION	WEIGHT (kg)	DIMENSIONS L x W x H (mm)	WHEELS NR.	WHEELS SIZE (MM)	CAPACITY (T)	TOTAL CAPACITY (t)*
801ST1030	1.ST 030 THREE-PHASE TROLLEY	400	1300 x 1471 x 270	8	200 x 100	15 t	30 t
801CT1030	2.CTS 030 REAR TROLLEYS	80/pair	(2 x 707) x 300 x 270	8	200 x 100	15 t	
801ST1060	1.ST 060 THREE-PHASE TROLLEY	750	1600 x 1700 x 302	12	200 x 100	30 t	60 t
801CT1060	2.CTS 060 REAR TROLLEYS	130/pair	(2 x 707) x 371 x 302	12	200 x 100	30 t	
801ST1100	1.ST 100 THREE-PHASE TROLLEY	1000	1602 x 2019 x 315	18	200 x 100	50 t	100 t
801CT1100	2.CTS 100 REAR TROLLEYS	180/pair	(2 x 707) x 497 x 315	16	200 x 100	50 t	
801ST1150	1.ST 150 THREE-PHASE TROLLEY	1750	1800 x 2600 x 395	18	200 x 100	75 t	150 t
801CT1150	2.CTS 150 REAR TROLLEYS	220/pair	(2 x 860) x 683 x 395	16	250 x 140	75 t	
801ST1200	1.ST 200 THREE-PHASE TROLLEY	2600	1995 x 2980 x 450	24	250 x 140	100 t	200 t
801CT1200	2.CTS 200 REAR TROLLEYS	300/pair	(2 x 860) x 985 x 450	24	250 x 140	100 t	

ST SPECIFICATIONS

FEATURES

- Self propelled trolleys (turn 360°).
- Power: 380 VAC III 50 Hz. Optional: different tensions and frequencies.
- Chain and pinion transmission in every wheel.
- Supplied with a remote control and an auxiliar cord control.
- Speed 5 mts/min (or to be agreed). With speed variator.
- Polyamide wheels.

ST

BLOCK DIAGRAM



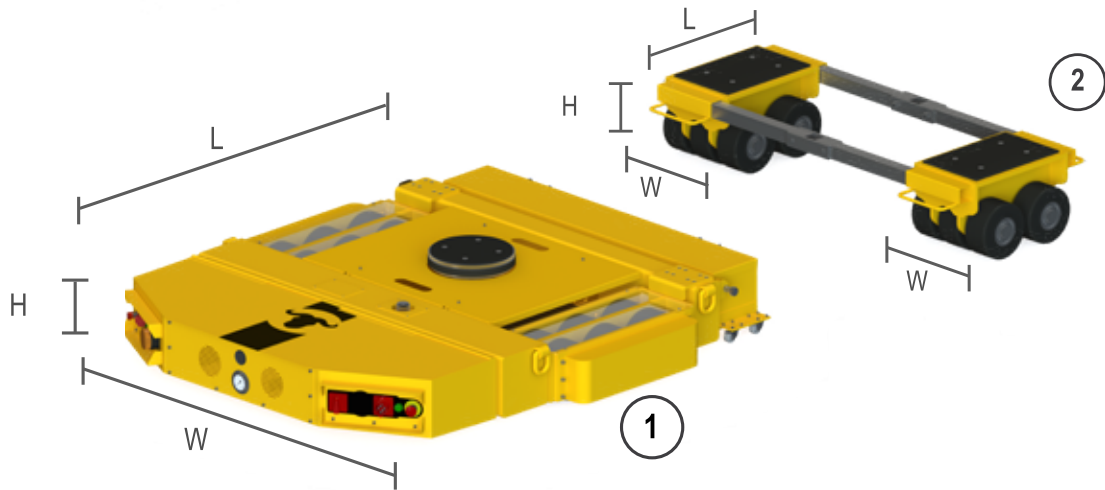
ST

380 VAC three-phase powered trolley. This model comes with a geared motor that creates rotation on the wheels.

TBC TROLLEYS FEATURES

TBC

This is the most complete model. This model can operate with three-phase mains (380 Vac) or with batteries. You can choose the type of power supply. It also comes with an hydraulic pump that creates the elevation of the cylinder and the rotation of the wheels by means of a geared motor.



TBC 30t -60t- 100t - 150t

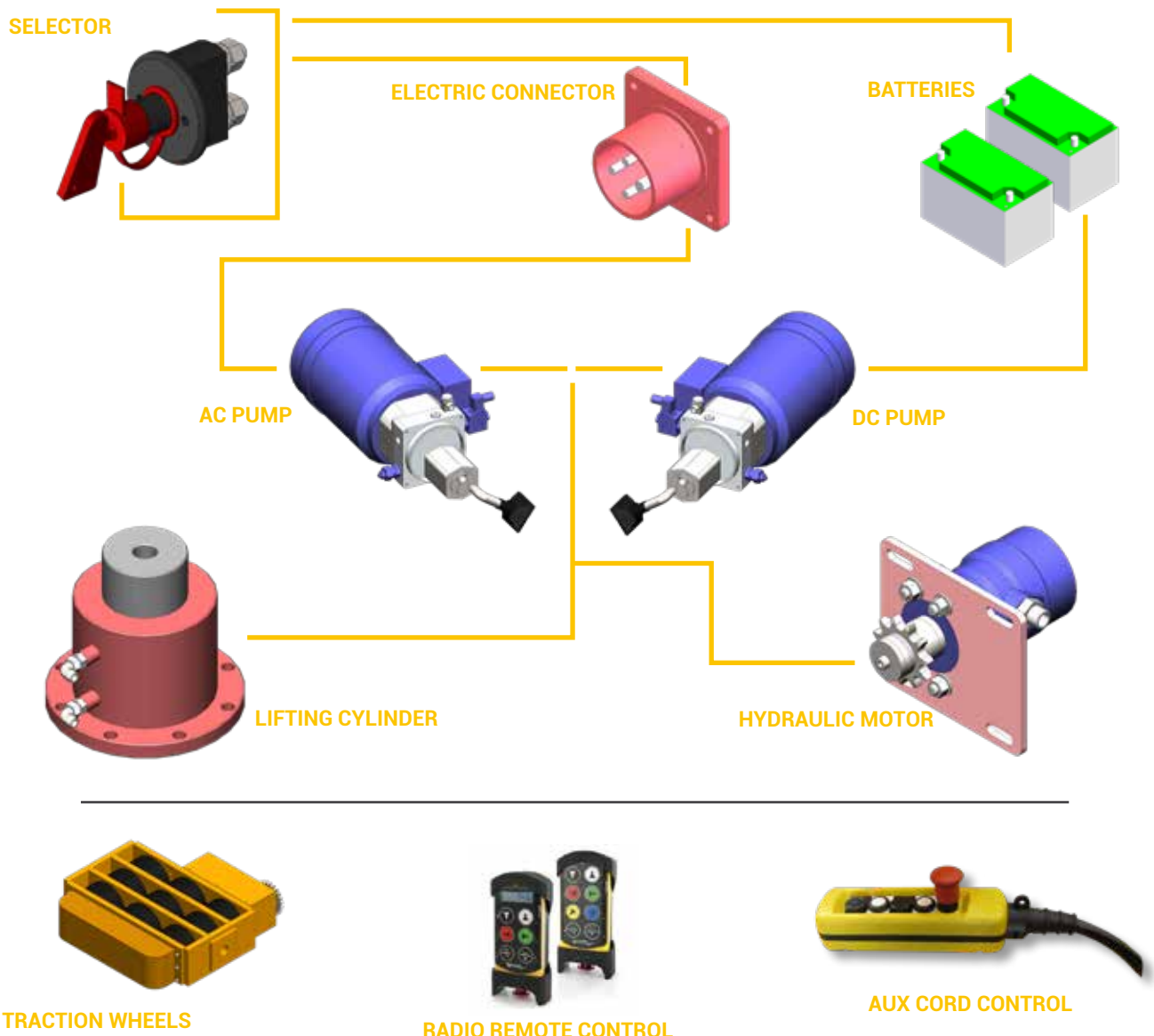
CODE	DESCRIPTION	WEIGHT (kg)	DIMENSIONS L X W X H (mm)	WHEELS NR.	WHEELS SIZE (MM)	CAPACITY (t)	TOTAL CAPACITY (t)*
801TBC1030	1. TBC 030 THREE-PHASE TROLLEY + BATTERIES	430	1750 x 1678 x 270	8	200 x 100	15 t	30 t
801CT1030	2. CT 030 REAR TROLLEYS	76 /pair	(2 x 707) x 300 x 270	8	200 x 100	15 t	
801TBC1060	1. TBC 060 THREE-PHASE TROLLEY + BATTERIES	900	1880 x 1678 x 302	12	200 x 100	30 t	60 t
801CT1060	2. CT 060 REAR TROLLEYS	130 /pair	(2 x 707) x 371 x 302	12	200 x 100	30 t	
801TBC1100	1. TBC 100 THREE-PHASE TROLLEY + BATTERIES	1350	1602 x 2019 x 315	18	200 x 100	50 t	100 t
801CT1100	2. CT 100 REAR TROLLEYS	170 /pair	(2 x 707) x 497 x 315	16	200 x 100	50 t	
801TBC1150	1. TBC 150 THREE-PHASE TROLLEY + BATTERIES	2000	1800 x 2600 x 395	18	250 x 140	75 t	150 t
801CT1150	2. CT 150 REAR TROLLEY	210 /pair	(2 x 860) x 683 x 395	16	250 x 140	75 t	

TBC SPECIFICATIONS

FEATURES

- Self propelled trolleys (turn 360°).
- Power: 380 VAC III 50 Hz and by battery module. Optional: different tension and frequency.
- Chain and pinion drive in every wheel.
- Supplied with a remote control and an auxiliary cord control.
- Main rotating hydraulic cylinder (lift 70 mm the whole load).
- Speed: 5 m/min (or to be agreed).
- Polyamide wheels.

TBC BLOCK DIAGRAM



ACCESORIES AND SPARE PARTS

POLYURETHANE WHEELS



CH:
Trolley traction wheel.



RD:
Rear-trolley wheel with bearing

Code	Description (wheel / pin)
801PU200CH	200 x 100 / 45
801PU200RD	200 x 100 / 45
801PU250CH	250 x 140 / 60
801PU250RD	250 x 140 / 60

In case the floor is very slippery it is recommended to use polyurethane wheels (in combination with polyamide wheels) for better traction

AUXILIARY BATTERY BOX

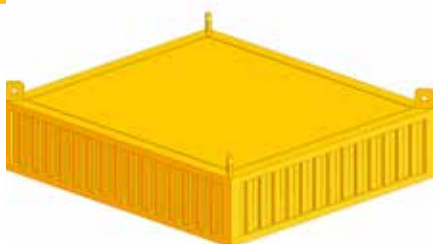


Code	Description
801TBC1CBAUX	CAJA BATERIA AUXILIAR

All TBC trolleys are supplied with a battery box for continuous use of approximately 1 hour (this time may vary depending on the conditions of use, load, type of floor, etc.). The auxiliary battery box is a box with wheels for quick change of the supplied with the original trolley, so that we double the working time.

The change can be made in one minute.

TRANSPORT BOXES



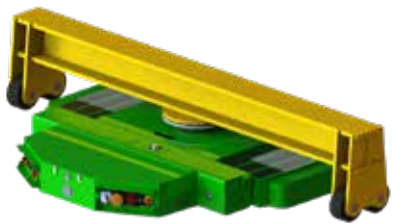
We supply all our trolleys with treated wooden box (not included in the price of the trolley) with cover, for better transport and handling.

But we can design any type of box, metallic for example, for better storage.

PORTFOLIO



CUSTOM PROJECTS



Do you have a concrete need? Are you looking for a unique application? Ask us!
Our engineering department will be happy to help you.
Vision cameras, laser sensors, shock bars, platforms for large loads ... The possibilities are endless.

AUTOMATED TRANSPORT (AGV)



We can modify the trolley according to your needs, such as automatic guided by magnetic stripe, laser, gps, etc ...
Do not hesitate to contact us

PAINTING - FINISH



We offer you the possibility to customize your product by choosing the RAL paint you wish, serigraphy with your company logo, etc...