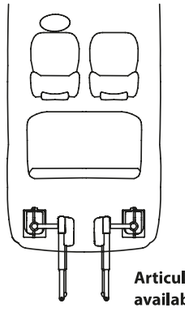
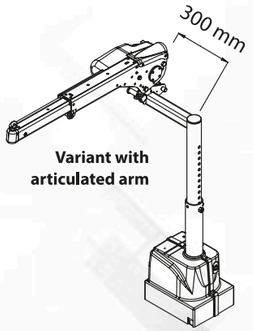
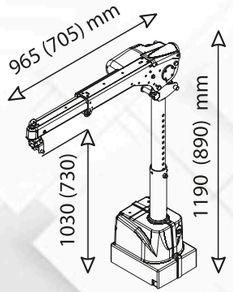
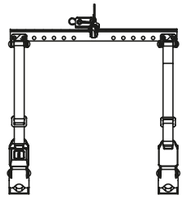


Articulated arm available in right and left version.



Variant with articulated arm





2-STRAP LIFTING BEAM

4-STRAP LIFTING BEAM

SG180 LIFTING CRANE

It is a lifting device suitable for facilitating the insertion of electric wheelchairs in the rear compartment of the vehicle. The SG 180 Crane is made of special high-strength steel, this allows for a light and handy device with high performance for lifting up to 180 Kg.

The articulated arm is available with fixed or telescopic adjustment. The electric telescopic arm is available on request; It allows the SG180 crane a wide range of action allowing the lifting of wheelchairs also placed alongside the vehicle. The SG 180 crane can be adjusted mechanically in height.

The main electric movements of lifting, rotation and exit of the telescopic arm are managed by a special pushbutton panel which can be supplied wireless upon request.
The great news is the possibility of inserting an exceptional function; in fact, thanks to a latest-generation electronic control unit, it is possible to coordinate the work of the 3 motors in order to always keep the load at the same height and eliminate oscillations. Thus, while the motor for the telescopic arm and the one for rotation work, the motor that makes the belt go down or up is activated in a proportional manner so that the load always remains suspended at the correct height.
Another great innovation is the inclusion of the tester function via our programmer, which is able to dialogue with the electronic control unit. In the event of a malfunction, we can then make a diagnosis, just like with cars or other devices.

In addition, the control of the rotation motor has been included in the crane, allowing it to be moved automatically.

GENERAL CHARACTERISTICS

MAXIMUM LOAD	180 Kg
POWER SUPPLY	12 V
MAXIMUM HEIGHT	1190 mm
ARM EXTENSION	965 mm
BASIC DIMENSIONS	250 x 340 mm
MAXIMUM ROTATION ANGLE	270° (adjustable)
ADJUSTABLE MINIMUM HEIGHT	890 mm
MINIMUM ARM OPENING	705 mm
WEIGHT	55 kg