

# DEVANCO CANADA

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## PRODUCT DESCRIPTION

### SW-500

SW- 500 is a commercial grade torsion spring tensioning tool designed for use with a cordless drill (**Non-impact**), developed by professionals for professionals in the installation and maintenance of commercial garage doors.

The device prevents work-related accidents and significantly reducing physical strain during the installation of industrial sectional doors. The development of SW-500 is based on more than 25 years of experience in the installation of industrial sectional doors.

The SW-500 is suitable for all industrial sectional door springs, ranging from 3.75 inches to 6 inches and can accommodate both 1.0 and 1.25 diameter shafts. The device has a maximum torque of 369lb/ft, and the cordless drill operates with RPM of 500-2000.

#### Technical Specifications:

Material: Aluminum, steel, plastic

Length: 77.2 cm / 30.39 inches

Weight: 8.6 kg / 18.9 lbs

Max. Torque: 369lb/ft

RPM: 500-2000

Operating Temperature: +30 to -20 °C / +86° F to -4° F

#### Safety Compliance:

Safety of machinery: EN ISO 12100:2010

#### Benefits:

- No more winding bars!
- Increases the safety of installation!
- Reduces physical workload.
- User-friendly



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## Safety Instructions:

- The SW-500 is intended for tensioning torsion springs of overhead doors. Never use the SW- 500 for any other purpose.
- The SW- 500 is intended for qualified professionals only.
- All safety warnings and instructions for installing the complete sectional overhead door must be observed.
- Never exceed the maximum torque of 369 lb/ft.
- The warranty is void if parts are added or changed without consulting the manufacturer.
- The springs can come under great stress when being tensioned. Make sure you are in a stable position when using the SW- 500. Also make sure your body is not in line with the SW- 500.
- Make sure there is sufficient lighting while using the SW- 500.

## Maintenance and Cleaning

- Make sure that the sliding surfaces of the plastic parts of the SW- 500 are lubricated.
- Check the SW- 500 for damage before using it to tension a spring. Do not use the SW- 500 if it is damaged.
- Do not use an impact drill. Only use a cordless drill without impact.
- Make sure you are tensioning the spring in the right direction. If you discover that you are tensioning the spring in the wrong direction, the best way to relax the spring is to rotate the SW- 500 in the opposite direction.
- If you use the scissor lift to tighten the springs with the SW- 500 tool, you must never lower the scissor lift until you have tightened the spring head locking screws on the axle.
- The SW- 500 should never be used to overtighten a door.
- Never remove the tool if the spring head locking screws are not tightened on the axle.

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