

84.25 - Pulley tackle and hoists other than skip hoists; winches and capstans; jacks.

- Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles :
 - 8425.11 -- Powered by electric motor
 - 8425.19 -- Other
- Winches; capstans :
 - 8425.31 -- Powered by electric motor
 - 8425.39 -- Other
- Jacks; hoists of a kind used for raising vehicles :
 - 8425.41 -- Built-in jacking systems of a type used in garages
 - 8425.42 -- Other jacks and hoists, hydraulic
 - 8425.49 -- Other

This heading covers simple lifting or handling equipment. The provisions of Explanatory Note to heading 84.26 apply, *mutatis mutandis*, to the equipment of this heading insofar as they concern self-propelled and other "mobile" machines, multi-function machines and lifting, loading, handling, etc., machines intended for incorporation in other machines or for mounting on transport vehicles or vessels of Section XVII. However, if a winch is the normal working tool of a tractor, the complete machine (tractor and winch) is classifiable in **heading 87.01**.

The heading covers :

(I) PULLEY TACKLE AND HOISTS OTHER THAN SKIP HOISTS

The **pulley tackle and hoists** classified in this heading consist of more or less complex systems of pulleys and cables, chains, ropework, etc., designed to give a mechanical advantage to facilitate lifting (e.g., by use of pulleys of different diameter, toothed wheels, gearing systems).

This group includes, *inter alia* :

- (1) Tackle and hoists in which the chain engages in specially designed projections on the pulley rims.
- (2) Drum type pulley hoists in which the cable is wound on a drum enclosing the pulley mechanism. This self-contained type of hoist, usually pneumatic or electric, is often mounted on a trolley or crab running on an overhead rail.
- (3) Hoists consisting of a roller chain running over a geared system of sprocket wheels operated by a crank handle or lever, somewhat as in a jacking system.

Separately presented pulleys and pulley blocks are **excluded** (heading 84.83).

Davits, also included in this heading, consist of twin tipping or swivelling supports from which ships' boats, etc., may be raised or lowered by means of pulley tackle type hoisting gear.

(II) WINCHES AND CAPSTANS

Winches consist of hand-operated or power-driven horizontal ratchet drums around which the cable is wound. **Capstans** are similar, but the drum is vertical.

This group includes :

- (1) Marine winches and capstans for operating cargo lifting gear, raising anchor, manoeuvring the steering gear, hauling in tow lines, fishing nets, dredging cables, etc. The power unit is often built into those machines as an integral whole.
- (2) Winches for tractors, etc.
- (3) Pit-head winding gear, consisting essentially of a large power-driven winch.
- (4) Capstans for operating turn-tables, or for shunting railway wagons, etc. For shunting, the cable is usually passed along a number of bollards each freely turning on bearings to facilitate haulage. These bollards are classified in heading 73.25 or 73.26.
- (5) Drawing blocks for wire-drawing benches.

(III) JACKS

Jacks are designed to raise heavy loads through short distances. The heading includes **rack and pawl jacks**, **screw jacks** in which the screw is raised by rotation or by rotating a nut fixed in the jack base, and **telescopic screw jacks** operated by the action of two or more concentric screws, the outer screw turning in the nut in the jack base.

In **hydraulic or pneumatic jacks**, the lifting piston is forced along a cylinder by pressure generated in a pump or compressor which may be separate or built-in.

Special types of jacks include :

- (1) Portable jacks for cars, etc.
- (2) Trolley mounted garage jacks, crate-lifting jacks, etc.
- (3) Garage type built-in jacking systems, usually hydraulic.
- (4) Jacks used in tipping mechanisms for lorries.
- (5) Jacks for firmly anchoring cranes, heavy lorries, mobile workshops, guns, etc.
- (6) Jacks for lifting railway track.
- (7) Jacks for lifting railway rolling-stock.
- (8) Horizontal action jacks for moving girders, sections of building structures, etc.

PARTS

Subject to the general provisions regarding the classification of parts (see the General Explanatory Note to Section XVI), parts of the equipment of this heading are classified in **heading 84.31**.

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The heading also **excludes** :

- (a) Hydraulic or pneumatic cylinders of **heading 84.12**.
- (b) Level crossing control gear and railway signalling equipment of **heading 86.08**.