

Automotive Lift

SUMMARY

This automotive lift is equipped with a friction wheel drive at the underside and/or on the upper side of the cage (1). The automotive lift is connected with a counterweight (2) by way of a transmission organ (3) for the purpose of the balancing of the cage weight and a part of the conveyed load. The subject of the invention is the mode and manner of how the transmission organ (3) is fastened and guided at the automotive lift. The transmission organ (3) is according to the invention fastened and guided at parts of the friction wheel drive in such a manner that the tension force in the transmission organ (3), which is produced by the counterweight (2), the weight of the cage (1) and the conveyed load, directly causes the contact pressure force for the friction wheels (5) at the travel track (4). The principle of the fastening and guidance of the transmission organ (3) at the automotive cage (1) or its drive is possible in different variants and for different drive dispositions.

(Figure 1)