

Impact wrench Power 5000 / 5000 plus

Operating instructions

Assembly Instructions

This equipment needs, in order to operate correctly, necessarily 1 x 380 V /3 Phase + central point conductor + grounding conductor L1 / L2 / L3 / Mp/SL. If Mp is not present in the socket this alteration must be made by a qualified electrician. If this specification is not followed, then the guarantee is void.

Operating instructions

Height adjustment: hold the lower flatiron fast with one foot and with the left hand press the brake handle. Sight the desired height (raising or lowering the carriage) and release the brake handle.

Loosening the wheel nut: the wrench nut can now be affixed to the wheel nut with the elongated shaft. With a short tap on the right push button, the fly wheel will be turned back one revolution. By pressing the left push button somewhat longer the fly wheel strikes the shaft. Repeat this operation until the wheel nut is loosened. Then, by pressing continually on the left push button, the wheel nut will be completely removed.

Tightening the wheel nut: the wheel nut is tightened by pushing the right push button. The same procedure as with loosening the wheel nut is used in reverse. That means: the right push button should be pressed longer than the left one. 3-4 strokes are enough to ensure that the wheel nut sits fast. In order to ensure that the wheel nut is correctly tightened, it is necessary that you control the nut with a torque wrench. The wheel nut should be cleaned and oiled before being remounted.

Loosening and tightening wheel nuts with Power 5000 Automatik: press push button „Schlagtaste“. The unit strikes so long until the wheel nut is loosened. Then press push button „links“ to twist off the wheel nut. To screw in the wheel nut, press push button „rechts“. When the wheel nut is screwed in, press push button „rechts“. The unit strikes 3 times and the operation is finished. These 3 strokes represent a torque of 500-600 newtonmeter. For an exact measurement, a torque wrench must be used.

Maintenance

Tightening the v-belt: remove the plastic cover and remove both fastening screws inside the housing. Tighten the v-belt so that when you turn the shaft with the hand, the striking mechanism turns $\frac{1}{2}$ to $\frac{3}{4}$ of a revolution.

Changing the load cable: **Caution!! Pay exact attention to these directions!** Lower impact wrench as low as possible and lock in place. Remove plastic top cover (by the post). Remove cable guide above the entrance pulley. Fasten the lever (enclosed) with two M8 x 50 screw (enclosed) on the cable pulley. **Only by damaged cable:** Turn the lever clockwise until the cable can be removed through the inlet slot (approx. $\frac{1}{2}$ revolution). **Only by already broken cable:** Turn the lever 8 revolutions clockwise. Secure the lever with the third screw (M8x50 – enclosed) in the extra hole. Stick new cable through the inlet slot and secure. Turn the lever $\frac{1}{2}$ revolution counter-clockwise and wind the cable around the pulley. Secure the lever again. Lay the cable over the guide roller and wind 3-4 times around the pin. Stick the cable from below through the borehole and tighten. Tighten the nipple. Remount the cable guide above the entrance slot. Replace top cover.

All moving parts should be cleaned and oiled at regular intervals.

Accident prevention

Always see to that the electric feed line is in proper order.

If any damage becomes notable on the load cable, it must be immediately changed.

Always wear ear protectors.

Technical Data

Measurements (HxWxD in cm)	120 x 620 x 1180
Weight	77 kg
Motor	
Isolation class	H
Safety class	IP 54
Electrical connection	230/380V 50 HZ
Height adjustment	230-870 mm
Cable length	15 mtr
Drive system	7-fold v-belt
Noise level	85 dB(A)
Lwa (84/538 EEC)	
Maximun torque when loosening	2500 Nm