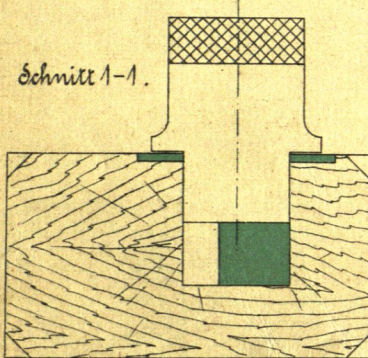
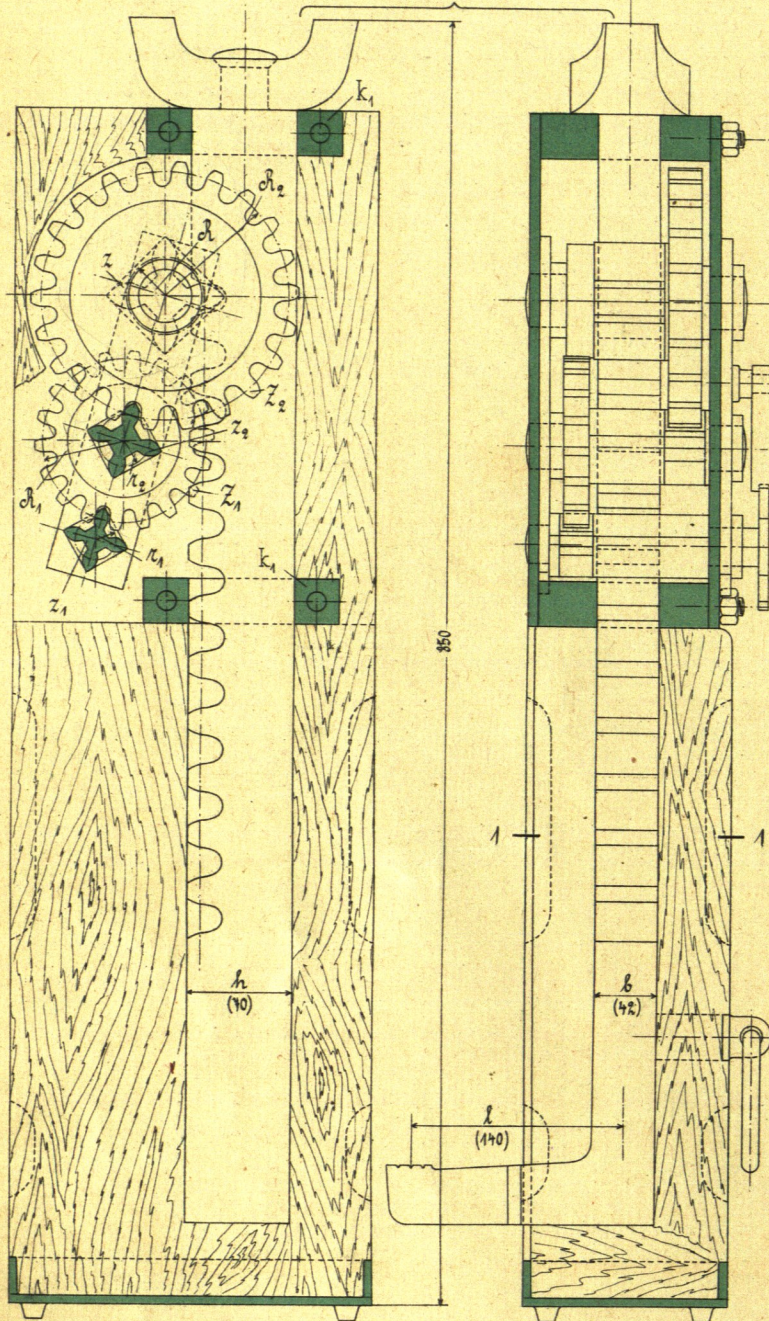


Zahnstangenwinden.

Fig. 1. 1/5.

Duck & Co. Bielefeld.



Tragkraft 10000 kg.
 Subhöhe 350 mm.
 Zähne $\begin{cases} z_1 = 18, \\ z_2 = 4 \end{cases}$
 rahlen $\begin{cases} z_1 = 22, \\ z_2 = 4 \end{cases}$
 Räderübersetzung: $\frac{z_1 \cdot z_2}{z_1 \cdot z_2} = \frac{18 \cdot 22}{4 \cdot 4} = 24,75$

Fig. 2. 1/5.

Ursprüngl. Maschinenbau Soc.
 Salenstadt.

Tragkraft 5000 kg.
 Räderübersetzung: $\frac{z_1 \cdot z_2}{z_1 \cdot z_2} = \frac{15 \cdot 17}{4 \cdot 4} = 15,94$

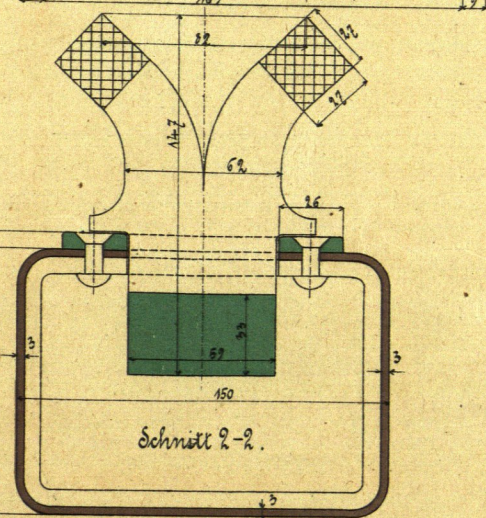
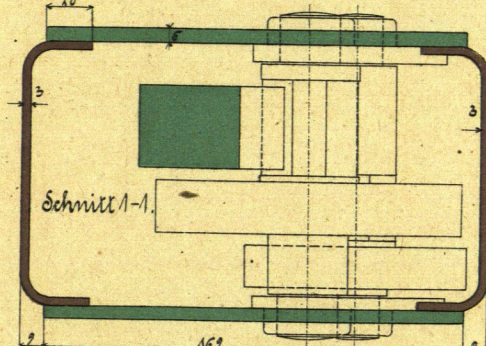
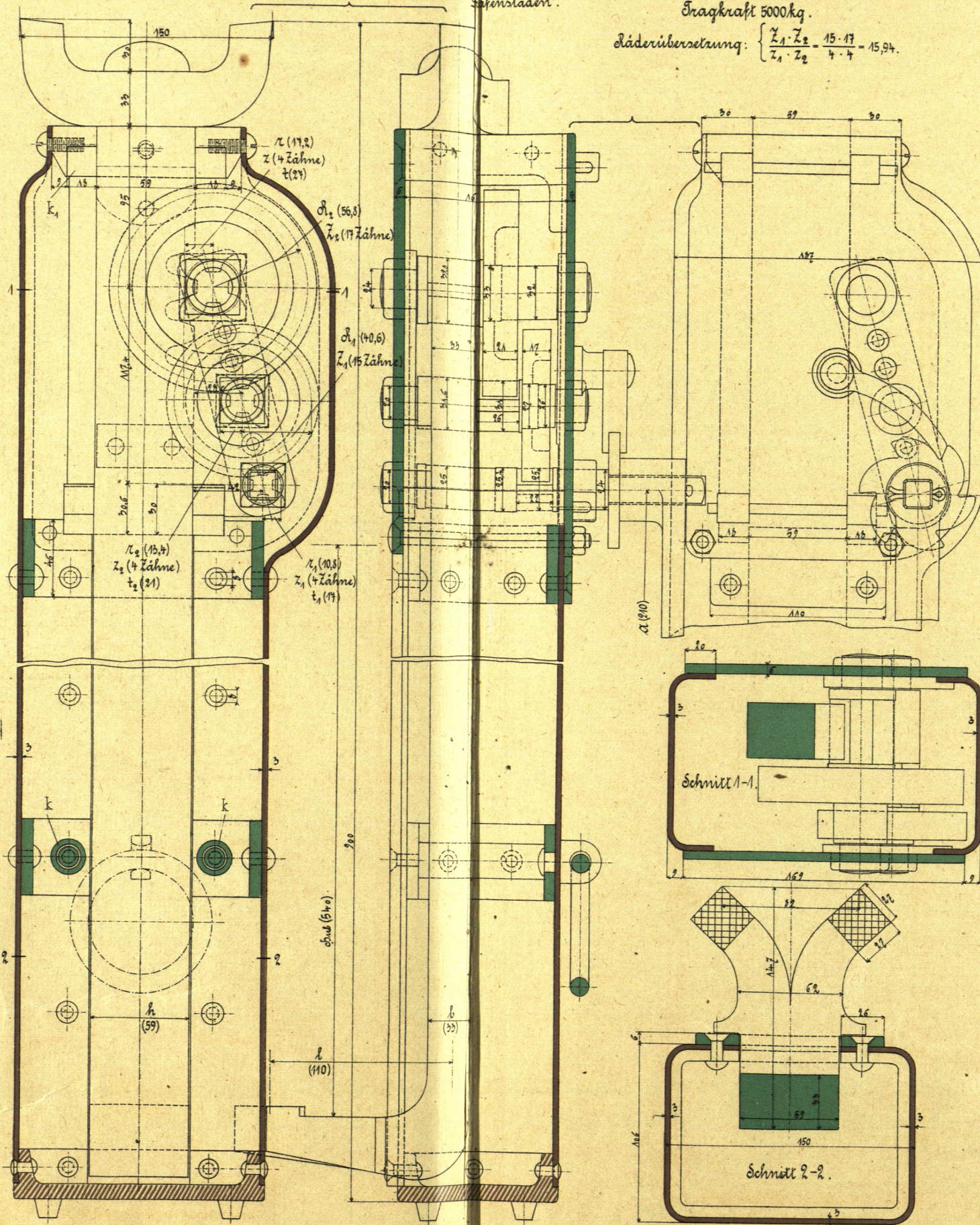
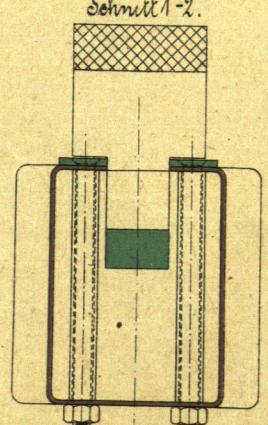
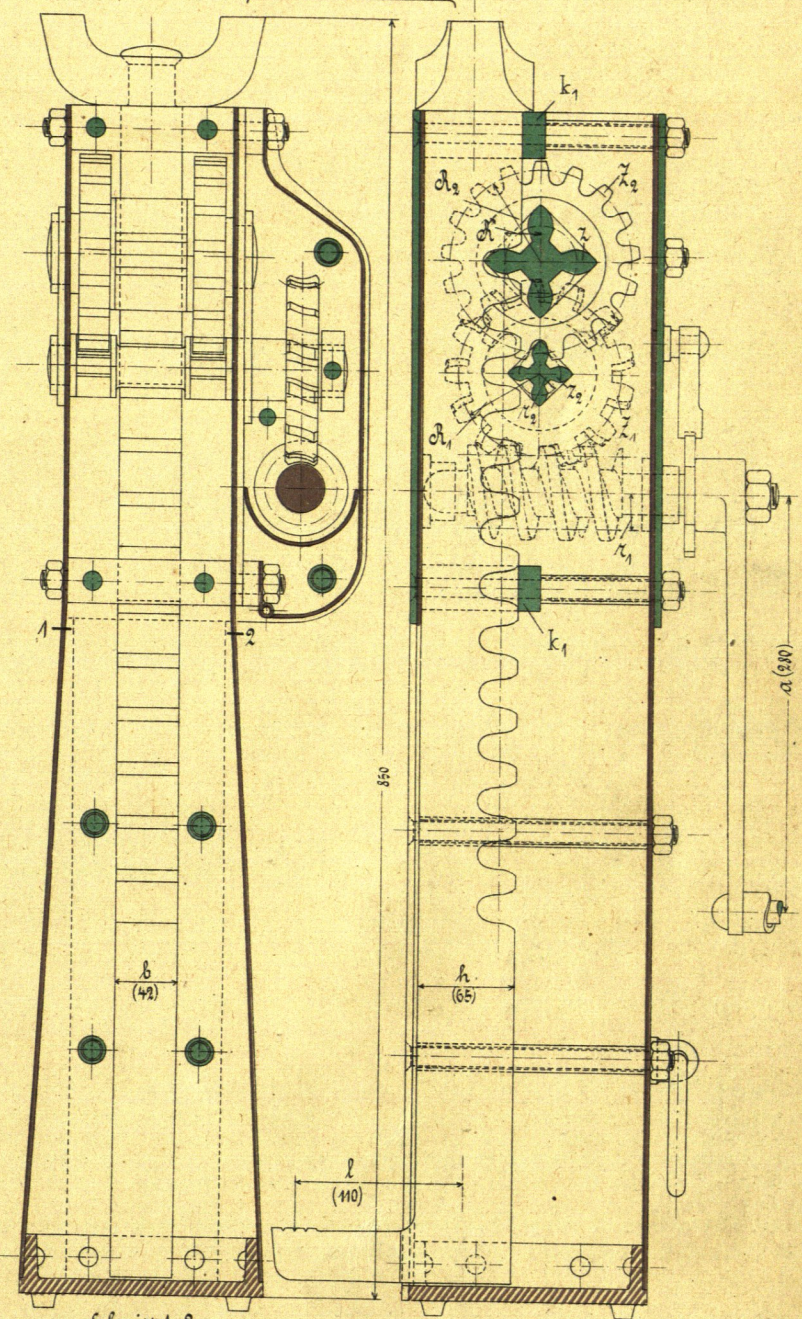


Fig. 3. 1/5.

Duck & Co. Bielefeld.



Tragkraft 10000 kg.
 Subhöhe 400 mm.
 Zähne $\begin{cases} z_1 = 13, \\ z_2 = 4 \end{cases}$
 rahlen $\begin{cases} z_1 = 14, \\ z_2 = 4 \end{cases}$
 Räderübersetzung: $\frac{z_1 \cdot z_2}{z_1 \cdot z_2} = \frac{13 \cdot 17}{4 \cdot 4} = 55,25$