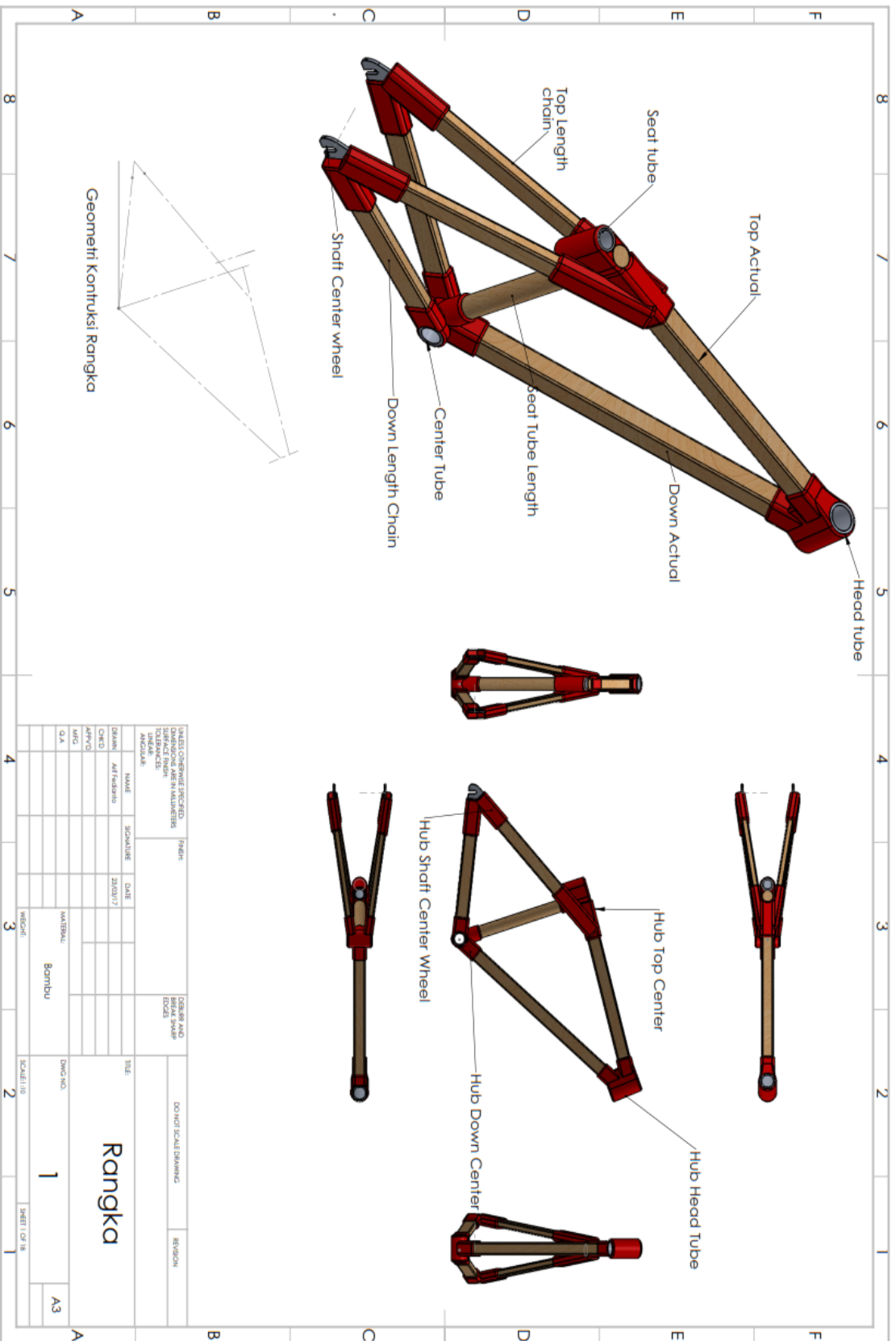
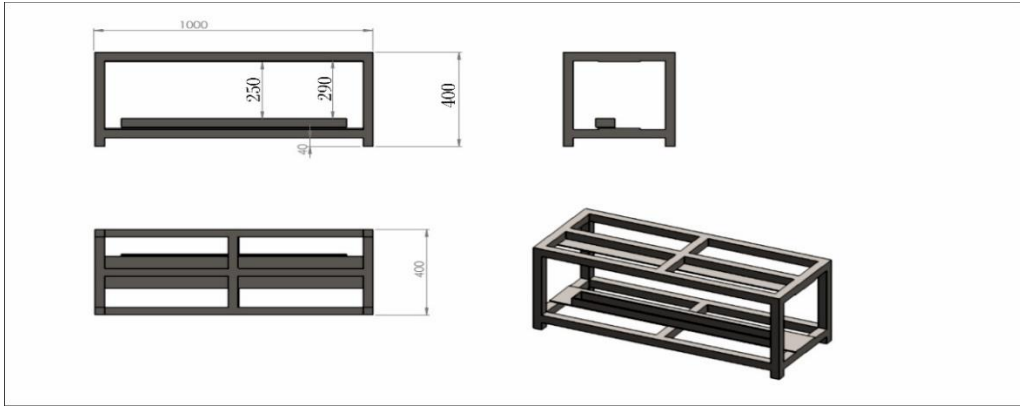


LAMPIRAN









Konsentrasi NaOH

Menghitung NaOH (2,5%) dalam 1 liter larutan NaOH

Densitas NaOH (2,13 gram/cm²)

Kemurnian NaOH dalam botol (48,24%)

$$M_2 = \frac{10 \times 2,5 \times 2,13}{40}$$

$$= \frac{53,25}{40}$$

$$M_2 = 1,33$$

$$M_1 = \frac{10 \times 48,24 \times 2,13}{40}$$

$$= \frac{1027,51}{40}$$

$$M_1 = 25,68$$

$$M_1 \cdot V_1 = M_2 \cdot V_2$$

$$25,68 \cdot V_1 = 1,33 \cdot 4000 \text{ ml}$$

$$V_1 = \frac{5320}{25,68}$$

$$= 207 \text{ ml}$$

Proses perlakuan alkali NaOH selama 6 Jam

Konsentrasi H₂O₂

Menghitung H₂O₂ (1,5%) dalam 1 liter larutan H₂O₂

Densitas H₂O₂ (1,45 gram/cm²)

Kemurnian H₂O₂ dalam botol (50 %)

$$M_1 = \frac{10 \times 50 \times 1,45}{34}$$

$$= \frac{21,32}{34}$$

$$M_2 = 1,5\% = 3500 \text{ ml air}$$

$$M_2 = \frac{10 \times 1,5 \times 1,45}{34}$$

$$= \frac{21,75}{34}$$

$$= 0,64$$

$$M_1 \cdot V_1 = M_2 \cdot V_2$$

$$21,32 \cdot V_1 = 0,64 \cdot 3500 \text{ ml}$$

$$= \frac{2240}{21,32}$$

$$= 105 \text{ ml}$$

$$M_2 = \frac{10 \times 0,25 \times 2,13}{40}$$

$$= \frac{5325}{40}$$

$$M_2 = 0,13$$

$$M_1 = \frac{10 \times 48,24 \times 2,13}{40}$$

$$= \frac{1027,51}{40}$$

$$M_1 = 25,68$$

$$M_1 \cdot V_1 = M_2 \cdot V_2$$

$$25,68 \cdot V_1 = 0,13 \times 3500 \text{ ml air}$$

$$= \frac{455}{25,68}$$

$$= 17,71 \text{ ml}$$

Proses perlakuan bleaching selama 1 Jam dengan suhu 60°-70°c

Titik	Tebal	Tebal	Lebar	Lebar
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Pengukuran	Sebelum Laminasi (mm)	Sesudah Laminasi (mm)	Sebelum Laminasi (mm)	Sesudah Laminasi (mm)
1	28,60	31,38	32,80	34,80
2	28,00	30,90	34,00	35,00
3	27,60	31,00	34,18	35,00
4	28,50	31,90	34,40	36,00
5	29,10	32,60	34,00	35,00
6	29,50	32,00	34,50	36,00
7	29,42	32,00	34,70	36,50
8	28,50	32,00	34,40	36,00
9	28,00	30,58	35,00	36,00
10	28,00	30,58	34,48	35,60
Rata-rata	28,50	31,49	34,25	35,59