

Lampiran. 1. Perhitungan Pengujian Alat Tanam

- 1 putaran pulley / rool = 58 cm
- Diameter rool = 18,5 cm
- Keliling. $K = \pi \times d$
 $K = 3,14 \times 18,5$
 $= 58,09 \text{ cm}$

- Slip = $\frac{58,09 - 58}{58,09} \times 100\%$

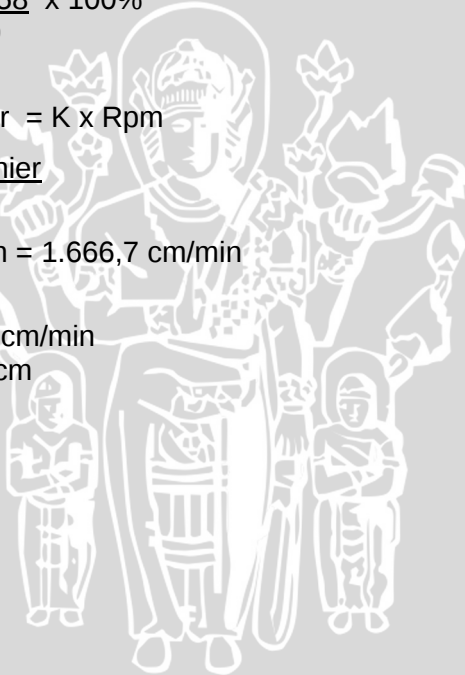
Kecepatan linier = $K \times \text{Rpm}$

$\text{Rpm} = \frac{\text{Kec. Linier}}{K}$

$\frac{100.000 \text{ km/min}}{60} = 1.666,7 \text{ cm/min}$

$\text{Rpm} = \frac{1.666,7 \text{ cm/min}}{58,09 \text{ cm}}$

$\text{Rpm} = 28,7$



Data Kalibrasi Inventer

No	Inventer	Rpm
1	457,2	8,5
2	867,9	16,6
3	1190	22,6
4	1577	29,7
5	2117	41
6	2574	49,2
7	2791	52,7
8	3000	55,4
Rata-rata	14.574,1	275,7

$$\frac{14.574,1}{8} = 1821,8$$

$$\frac{275,7}{8} = 34,5$$

$$\frac{1821,8}{34,5} = 52,8$$

$$\frac{28,7}{34,5} = \frac{X}{1821,8}$$

$$= 28,7 \times 52,8$$

$$= 1515$$